



**SELF ASSESSMENT REPORT
(SAR)**

**FOR FIRST TIME ACCREDITATION OF
UNDERGRADUATE ENGINEERING PROGRAM (TIER-II)
(Computer Science and Engineering)**



JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE
Shri Ram Ki Nangal, Via Sitapura, RIICO
OPP. EPIP Gate, Tonk Road
Jaipur 302022

CRITERION 1

Vision, Mission and Program Educational Objectives (60)

Department of Computer Science and Engineering

CRITERION 1

Vision, Mission and Program Educational Objectives

60

1. VISION, MISSION AND PROGRAM EDUCATIONAL OBJECTIVES (60)

1.1 State the Vision and Mission of Department and Institute (5)

(Vision statement typically indicates aspirations and Mission Statement states the broad approach to achieve aspirations)

(Here Institute Vision and Mission statements have been asked to ensure consistency with the department Vision and Mission statements; the assessment of the Institute Vision and Mission will be taken up in Criterion 10)

VISION OF COMPUTER SCIENCE AND ENGINEERING DEPARTMENT

To become renowned centre of excellence in Computer Science and Engineering and make competent engineers & professionals with high ethical values prepared for lifelong learning.

MISSION OF COMPUTER SCIENCE & ENGINEERING DEPARTMENT

M1: To impart outcome based education for emerging technologies in the field of Computer Science and Engineering.

M2: To provide opportunities for interaction between academia and industry.

M3: To provide platform for lifelong learning by accepting the change in technologies.

M4: To develop aptitude of fulfilling social responsibilities.

VISION OF JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

To become a renowned center of outcome based learning and work towards academic, professional, cultural and social enrichment of the lives of individuals and communities.

MISSION OF JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

M1: Focus on evaluation of learning outcomes and motivate students to inculcate research aptitude by project based learning.

M2: Identify, based on informed perception of Indian, regional and global needs, the areas of focus and provide platform to gain knowledge and solutions.

M3: Offer opportunities for interaction between academia and industry.

M4: Develop human potential to its fullest extent so that intellectually capable and imaginatively gifted leaders can emerge in a range of professions.

Department of Computer Science and Engineering

Consistency of Institute Vision with the Department Vision

<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">Institute Vision</div>	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">Departmental Vision</div>		To become renowned centre of excellence in Computer Science and Engineering and make competent engineers & professionals with high ethical values prepared for lifelong learning.
To become a renowned center of outcome based learning and work towards academic, professional, cultural and social enrichment of the lives of individuals and communities.			H

Table B.1.1a: Mapping of Institute Vision with Department Vision

Justification:

- The department vision is about making department renowned centre of excellence which follows the vision of institute which focused on renowned centre of outcome based education.
- Department is focused to make competent engineers and professional with high ethical values which follows institute vision as to work in direction of academic, professional, cultural and social enrichments.
- Both the visions are aligned to provide lifelong learning for individual and communities.

Consistency of Institute Mission with the Department Mission

<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">Institute Mission</div>	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">Departmental Mission</div>		To impart outcome based education for emerging technologies in the field of Computer Science and Engineering.	To provide opportunities for interaction between academia and industry.	To provide platform for lifelong learning by accepting change in technologies	To develop aptitude of fulfilling social responsibilities
Focus on evaluation of learning outcomes and motivate students to inculcate research aptitude by project based learning.			H	H	H	M
Identify, based on informed perception of Indian, regional and global needs, the areas of focus and provide platform to gain knowledge and solutions.			H	H	H	H
Offer opportunities for interaction between academia and industry.			H	H	H	M
Develop human potential to its fullest extent so that intellectually capable and imaginatively gifted leaders can emerge in a range of professions.			H	H	H	H

Table B.1.1b: Mapping of Institute Mission with Department Mission

Department of Computer Science and Engineering

The above table shows the consistency of Mission of Institute with Mission of the department.

Justification:

IM1-DM1: Institute mission-1 is consistent with department mission-1 as both the mission are based on the outcome base education and focused on learning outcomes in the field of engineering.

IM1-DM2: Institute mission-1 is consistent with department mission-2 as institute mission focused on project based learning which is directly full filled by industry academia interactions.

IM1-DM3: Institute mission-1 is consistent with department mission-3 as accepting change in technologies and lifelong learning comes through research and project based learning aptitude.

IM1-DM4: Institute mission-1 is consistent with department mission-4 as evaluation of learning outcomes and learning with various means develop social responsibilities at some extent.

IM2-DM1: Institute mission-2 is consistent with department mission-1 as computer science and engineering domain knowledge is required to provide solution at regional as well as global level.

IM2-DM2: Institute mission-2 is consistent with department mission-2 as institute mission focused on regional and global need which is directly full filled by industry academia interactions.

IM2-DM3: Institute mission-2 is consistent with department mission-3 as regional and global need changes according to time therefore it is required to accept technological changes to provide the solution which is a part of lifelong learning.

IM2-DM4: Institute mission-2 is consistent with department mission-4 as fulfilling of regional and global need is one of the major social responsibilities of educated community.

IM3-DM1: Institute mission-3 is consistent with department mission-1 as outcome based education in the field of computer science and engineering can be achieved by providing exposure to different industries in the domain.

IM3-DM2: Institute mission-3 is consistent with department mission-2 as both the mission are based on the providing opportunities for interaction between academia and industry.

IM3-DM3: Institute mission-3 is consistent with department mission-3 as industrial learning is focused on technological changes / advancements which comprises lifelong learning perspectives.

IM3-DM4: Institute mission-3 is consistent with department mission-4 as industries directly or indirectly works for the fulfilling of societal needs, hence it develops aptitude for the same.

Department of Computer Science and Engineering

IM4-DM1: Institute mission-4 is consistent with department mission-1 as through outcome based education we develop human potential which results in intellectually capable professional and leaders.

IM4-DM2: Institute mission-4 is consistent with department mission-2 as industry interactions gives opportunities to develop potential engineers, professionals and leaders.

IM4-DM3: Institute mission-4 is consistent with department mission-3 as the acceptance of technological changes leads to develop students as potential engineers, professionals and leaders for lifelong learning.

IM4-DM4: Institute mission-4 is consistent with department mission-4 as developing aptitude to fulfill societal responsibilities is one of the part in process of creating professionals and leaders.

1.2 State the Program Educational Objectives (PEOs)(5)

(State the PEOs (3 to 5) of program seeking accreditation)

PEO1: To provide students with the fundamentals of engineering sciences with more emphasis in Computer Science and Engineering by way of analyzing and exploiting engineering challenges.

PEO2: To train students with good scientific and engineering knowledge so as to comprehend, analyze, design, and create novel products and solutions for the real life problems in Computer Science and Engineering

PEO3: To inculcate professional and ethical attitude, effective communication skills, teamwork skills, multidisciplinary approach, entrepreneurial thinking and an ability to relate engineering issues with social issues for Computer Science and Engineering.

PEO4: To provide students with an academic environment aware of excellence, leadership, written ethical codes and guidelines, and the self-motivated life-long learning needed for a successful professional career in Computer Science and Engineering.

PEO5: To prepare students to excel in Industry and Higher education by Educating Students along with high moral values and knowledge in Computer Science and Engineering.

1.3 Indicate where the Vision, Mission and PEOs are published and disseminated among stakeholders (10)

(Describe where (Website, Curricula, and Posters etc.) the Vision, Mission and PEOs are published and detail the process which ensures awareness among internal and external stakeholders with effective process implementation.) (Internal stakeholders may include Management, Governing Board Members, faculty, support staff, students etc. and external stakeholders may include employers, industry, alumni, funding agencies, etc.)

- The Vision, Mission and PEOs are published and disseminated through College Website:
<http://jecrcfoundation.com/>
- The Vision, Mission and PEOs are displayed in HoD office.
- The Vision, Mission and PEOs are displayed in Faculty /Staff Rooms
- The Vision, Mission and PEOs are displayed on Notice Boards
- The Vision, Mission and PEOs are showcased in Class Rooms
- The Vision, Mission and PEOs are showcased in Department Laboratories
- The Vision, Mission and PEOs are showcased in Department Library
- The Vision, Mission and PEOs are displayed in Training and Placement office
- The Vision, Mission and PEOs are published in Department Magazines
- The Vision, Mission and PEOs are published in Department Newsletters
- The Vision, Mission and PEOs are published in Course Files of faculty members
- The Vision, Mission and PEOs are published in Lab Manuals of respective labs.
- The Vision, Mission and PEOs are published and disseminated through Centre of excellence
- The Vision, Mission and PEOs are published and disseminated through conference brochure
- The Vision, Mission and PEOs are published and disseminated through conference website:
<https://jecrcconference.in>.
- The Vision, Mission and PEOs are published and disseminated through FDP brochures.
- The Vision, Mission and PEO are published via official e-mail signature

The awareness of Vision, Mission and PEOs are created among the internal and external stakeholders through

- Special sessions are organized before starting of the academic session, where faculty members and Lab staffs are explained the Vision and Mission.
- The Vision and Mission statements are communicated to the management through presentations during Governing Council meeting / Board meeting.

Department of Computer Science and Engineering

- The Vision and Mission statements are explicitly communicated to the newly enrolled students and the parents during orientation and induction program.
- Alumni are updated about any changes in the Vision and Mission during Alumni interactions.
- The Vision and Mission statements are communicated to the industry/employers through presentations during industrial visits, during industry-institute interactions and official e-mail communication.
- The Vision and Mission statements are explicitly communicated to the newly joined staff members during joining in official orientation and departmental meetings.
- The Vision and Mission, PEO statements are explicitly communicated to parents during the parents –teacher meeting.

1.4 State the process for defining the Vision and Mission of the Department, and PEOs of the Program (25)

(Articulate the process involved in defining the Vision and Mission of the department and PEOs of the program.)

Process for defining Vision of Department

Step-1: Vision of the institute is considered as the reference point for defining department vision.

Step-2: Suggestions and observations from the faculty members on the vision of the department is recorded while also considering the vision of the renowned institutes /universities of national & international repute as a reference point.

Step-3: Input from stakeholders (Students, Alumni, Parents, Industry person etc) is also considered as a reference.

Step-4: Draft of vision prepared by the departmental quality assurance committee (DQAC) is discussed in the faculty meeting and suggestions are incorporated.

Step-5: Draft of vision submitted to IQAC for review, discussion and approval in continuation with survey from stakeholders.

Step-6: The summarized views and observations are presented to the Principal by IQAC for changes / approval.

Step-7: Vision of the department is freeze after the approval of the Principal.

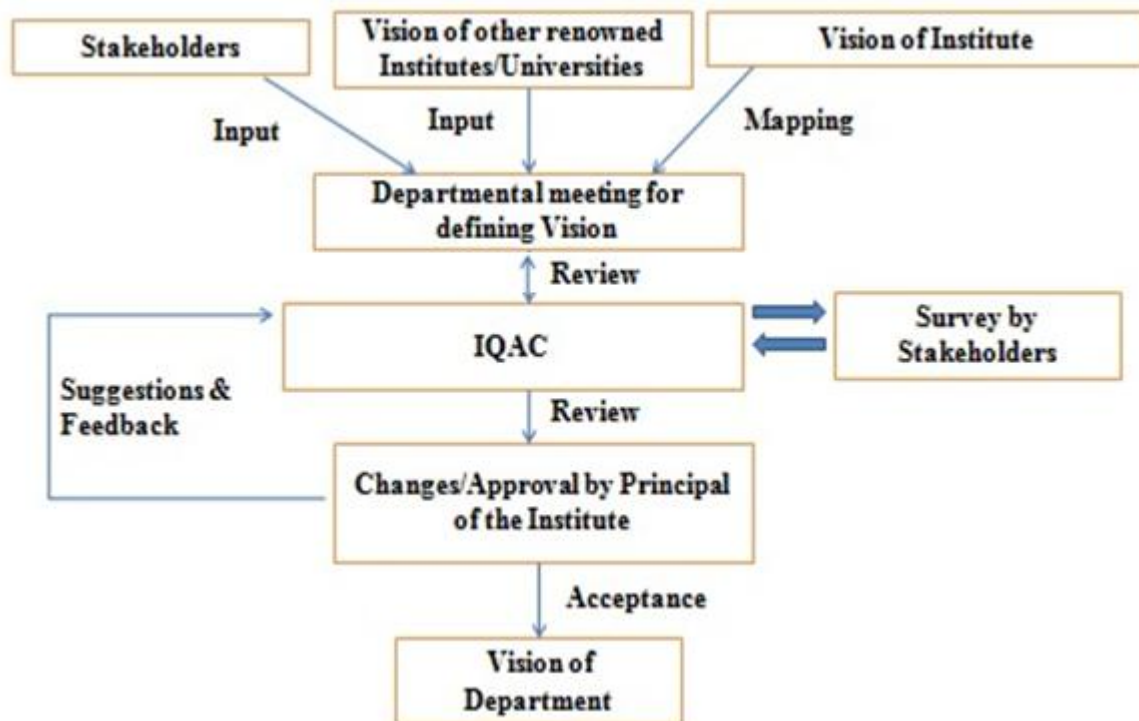


Figure1.4a: Process for defining Vision of the Department

Department of Computer Science and Engineering

Sample Vision feedback forms

Jaipur Engineering college & Research Centre, Jaipur						
Department of Computer science and engineering						
Jaipur Engineering college & Research Centre, Jaipur						
Vision Evaluation Form						
S.N.	Vision	5	4	3	2	1
1	To provide excellent technical education in computer science and engineering and produce competent engineers and Professionals with high ethical values prepared for life long learning		✓			
2	To impart outcome based education for emerging technologies in the field of computer science & engineering for transforming students in to socially responsible, technically competent and ethical computer engineering professionals.	✓				
3	To emerge as a "centre for excellence" offering technical Education and research Opportunities of very high standards to students, develop the total personality of the individual, and instill high levels of discipline and strive to set global standards, making our student technologically superior and ethically strong, who in turn shall contribute to the advancement of society and humankind.		✓			
4	To become renowned Centre of excellence in computer science and engineering and make competent engineers & professionals with high ethical values prepared for lifelong learning.		✓			

Saurabh Agarwal

Name & Signature *Saurabh*

JECRC Student

Designation & Organization

Vision Feedback Form Student

Department of Computer Science and Engineering

Process for defining Mission of Department

Step-1: Vision of the department is considered as the reference point for defining department mission.

Step-2: Suggestions and observations from the faculty members on the mission of the department is recorded while considering the vision and mission of the institute as a reference point.

Step-3: Input from stakeholders (Students, Alumni, Parents, Industry person etc) is also considered as a reference.

Step-4: Draft of mission prepared by the departmental quality assurance committee (DQAC) is discussed in the faculty meeting and suggestions are incorporated.

Step-5: Draft of mission submitted to IQAC for review, discussion and approval in continuation with survey from stakeholders.

Step-6: The summarized views and observations are presented to the Principal by IQAC for changes/approval.

Step-7: Mission of the department is freeze after the approval of the Principal.

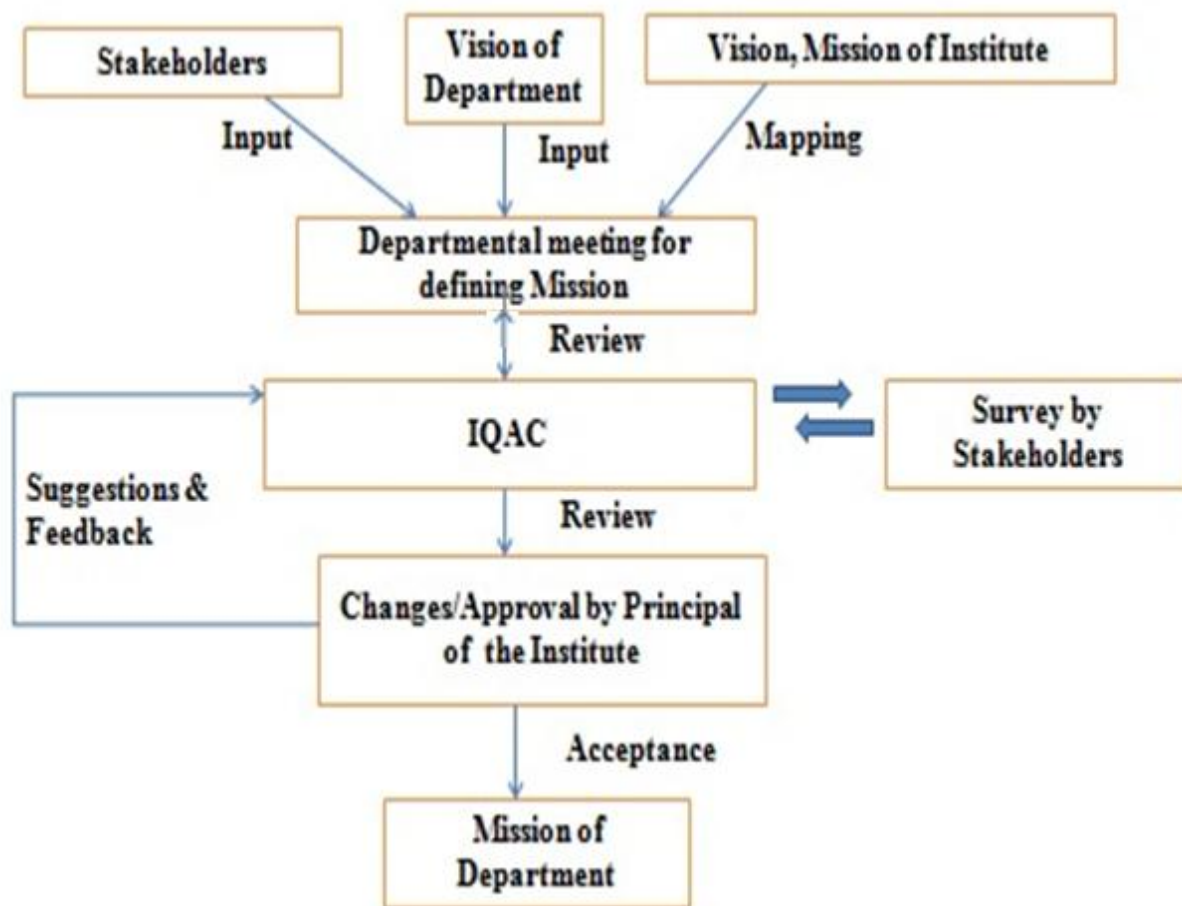
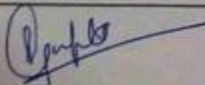


Figure 1.4b: Process for defining Mission of the Department

Department of Computer Science and Engineering

Sample Mission Feedback Forms

Jaipur Engineering college & Research Centre, Jaipur						
Department of Computer science and engineering						
Jaipur Engineering college & Research Centre, Jaipur						
Mission Evaluation Form						
S.N.	Mission	5	4	3	2	1
1	Practice and promote high standards of professional ethics, transparency and accountability. Impart quality education to meet the needs of profession and society, and achieve excellence in teaching-learning and research.				✓	
2	Undergraduate programs that integrate global awareness, communication skills and team building across the curriculum; To be the best at serving society by creating engineering knowledge and educating engineers for dynamic and global careers			✓		
3	Attract and develop talented and committed human resource, and provide an environment conducive to innovation, creativity, team-spirit and entrepreneurial leadership. Facilitate effective interactions among faculty and students, and foster networking with alumni, industries, institutions and other stake-holders.			✓		
4	To impart outcome based education for emerging technologies in the field of computer science and engineering. To provide opportunities for interaction between academia and industry. To provide platform for lifelong learning by accepting the change in technologies To develop aptitude of fulfilling social responsibilities.	✓				


 Name & Signature (PRIYA GUPTA)

Lecturer, JEEEC
 Designation & Organization

Mission Feedback Form Faculty

Mission Feedback Form Faculty

Department of Computer Science and Engineering

Jaipur Engineering college & Research Centre, Jaipur						
Department of Computer science and engineering						
Jaipur Engineering college & Research Centre, Jaipur						
Mission Evaluation Form						
S.N.	Mission	5	4	3	2	1
1	Practice and promote high standards of professional ethics, transparency and accountability. Impart quality education to meet the needs of profession and society, and achieve excellence in teaching-learning and research.				✓	
2	Undergraduate programs that integrate global awareness, communication skills and team building across the curriculum; To be the best at serving society by creating engineering knowledge and educating engineers for dynamic and global careers			✓		
3	Attract and develop talented and committed human resource, and provide an environment conducive to innovation, creativity, team-spirit and entrepreneurial leadership. Facilitate effective interactions among faculty and students, and foster networking with alumni, industries, institutions and other stake-holders.		✓			
4	To impart outcome based education for emerging technologies in the field of computer science and engineering. To provide opportunities for interaction between academia and industry. To provide platform for lifelong learning by accepting the change in technologies To develop aptitude of fulfilling social responsibilities.		✓			

Anshika
 Name & Signature
 (Anshika Bangaroo)

Designation & Organization
 [Rayat Softech]
 Alumni JEERC

Mission Feedback Form Alumni

Mission Feedback Form Alumni

Department of Computer Science and Engineering

PEOs are the characteristics of graduates of a program, which enable the students to become successful professionals in their field. The department has documented measurable PEOs for its Bachelor of Technology in Computer Science Engineering programmed taking into account the program's constituencies and the mission of college. The PEOs are established in the light of the vision and mission statements of the department.

Process for defining PEO's of Department

Step-1: Vision & Mission of the institute and department is considered as the reference point for defining PEO's of the department.

Step-2: Graduate attributes recommended by NBA are taken as directorial factors in forming the PEOs.

Step-3: Input from stakeholders (Students, Alumni, Parents, Industry person etc) is also considered as a reference.

Step-4: Draft of PEO's prepared by the departmental quality assurance committee (DQAC) is discussed in the faculty meeting and suggestions are incorporated.

Step-5: Draft of PEO's is submitted to IQAC for review, discussion and approval in continuation with survey from stakeholders.

Step-6: The summarized views and observations are presented to the Principal by IQAC for changes/approval.

Step-7: PEO's of the department is freeze after the approval of the Principal.

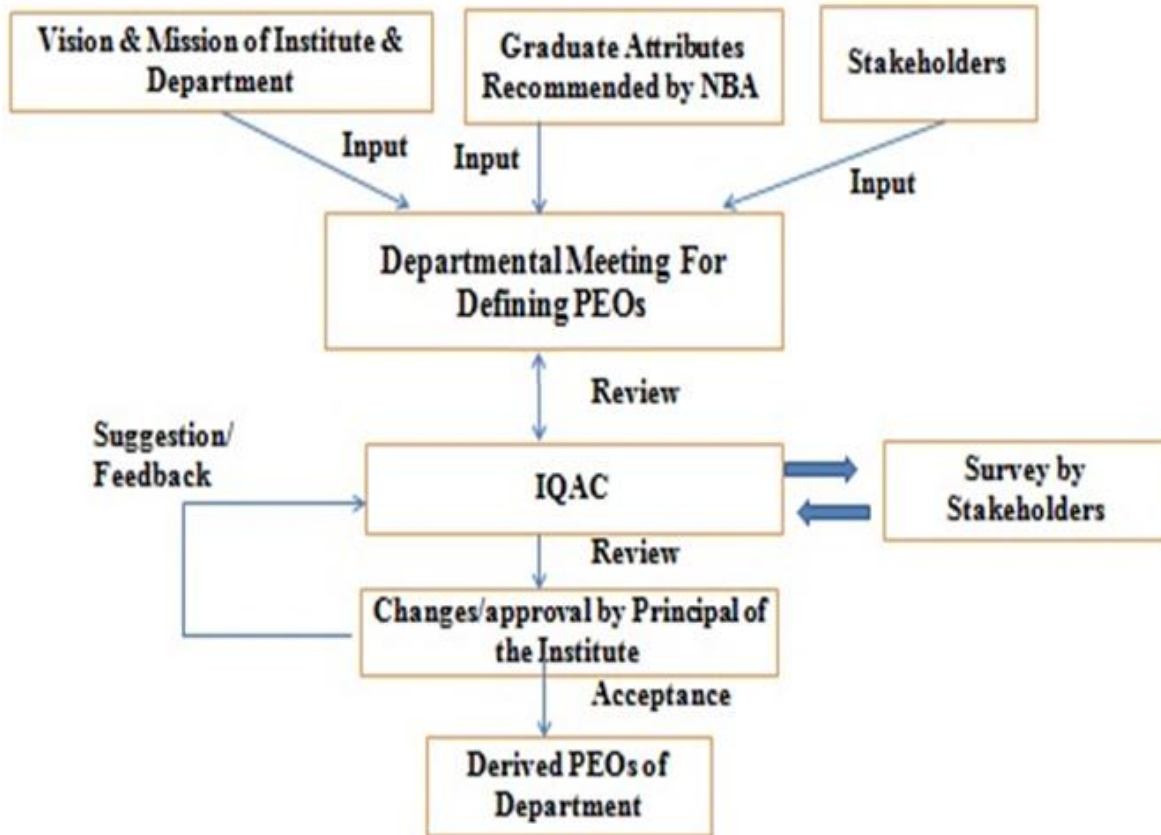


Figure 1.4c: Process for defining PEOs of Department

Department of Computer Science and Engineering

PEOs Feedback Form

Jaipur Engineering college & Research Centre, Jaipur						
Department of Computer Science & Engineering						
Jaipur Engineering college & Research Centre, Jaipur						
PEO Evaluation Form						
S.N.	PEO	5	4	3	2	1
1	To Produce graduates who are able to apply computer engineering knowledge to provide Turn-key IT solution to national and international organizations.		✓			
2	To prepare students to excell in industry and higher education by educating students along with high moral values and knowledge.	✓				
3	To able graduates to design embedded systems for industrial application.				✓	
4	To provide students with the fundamentals of engineering sciences with more emphasis in computer science and engineering by way of analyzing and exploiting engineering challenges.	✓				
5	To prepare graduates who can work in new areas such as mobile multimedia and GIS based application development.		✓			
6	To train students with good scientific and engineering knowledge so as to comprehend analyze, design and create novel products and solution for the real life problems.	✓				
7	To inculcate professional and ethical attitude, effective communication skills, multidisciplinary approach enterpreneurial thinking and an ability to relate engineering issues with social issues.			✓		
8	To provide students with an academic environment aware of excellance, leadership, written ethical codes and guidelines and the self motivated life long learning needed for a successful professional career.	✓				

Name & Signature Ronak Pansari Ronak

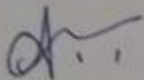
Designation & Organization JECRC Student
PEO Feedback Form Student

PEO Feedback Form Industrial Person

Department of Computer Science and Engineering

Jaipur Engineering college & Research Centre, Jaipur
Department of Computer science and engineering
PEOs Evaluation Form

S.N.	PEO's	5	4	3	2	1
1	To produce graduates who are able to apply computer engineering knowledge to provide turn-key IT solutions to national and international organizations.				✓	
2	To prepare students to excel in Industry and Higher education by Educating Students along with High moral values and Knowledge	✓				
3	To able graduates to design embedded systems for industrial applications.			✓		
4	To provide students with the fundamentals of Engineering Sciences with more emphasis in Computer science and engineering by way of analyzing and exploiting engineering challenges.	✓			✗	
5	To prepare graduates who can work in new areas such as mobile, multimedia and GIS based application development			✓		
6	To train students with good scientific and engineering knowledge so as to comprehend, analyze, design, and create novel products and solutions for the real life problems.	✓				
7	To inculcate professional and ethical attitude, effective communication skills, teamwork skills, multidisciplinary approach, entrepreneurial thinking and an ability to relate engineering issues with social issues.	✓				
8	To provide students with an academic environment aware of excellence, leadership, written ethical codes and guidelines, and the self-motivated life-long learning needed for a successful professional career.	✓				


Abhilasha
 Name & Signature

PEO Feedback Form Faculty

Sr. lecturer & JECRC
 Designation & Organization

PEO Feedback Form Faculty

Department of Computer Science and Engineering

Jaipur Engineering college & Research Centre, Jaipur						
Department of Computer Science & Engineering						
Jaipur Engineering college & Research Centre, Jaipur						
PEO Evaluation Form						
S.N.	PEO	5	4	3	2	1
1	To Produce graduates who are able to apply computer engineering knowledge to provide Turn-key IT solution to national and international organizations.		✓			
2	To prepare students to excell in industry and higher education by educating students along with high moral values and knowledge.	✓				
3	To able graduates to design embedded systems for industrial application.		✓			
4	To provide students with the fundamentals of engineering sciences with more emphasis in computer science and engineering by way of analyzing and exploiting engineering challenges.	✓				
5	To prepare graduates who can work in new areas such as mobile multimedia and GIS based application development.		✓			
6	To train students with good scientific and engineering knowledge so as to comprehend analyze, design and create novel products and solution for the real life problems.	✓				
7	To inculcate professional and ethical attitude, effective communication skills, multidisciplinary approach enterpreneurial thinking and an ability to relate engineering issues with social issues.	✓				
8	To provide students with an academic environment aware of excellence, leadership, written ethical codes and guidelines and the self motivated life long learning needed for a successful professional career.	✓				

Name & Signature *Cashok Agrawal* (CASHOK AGRAWAL)

BUSINESS

Designation & Organization

PEO Feedback Form Parents

Department of Computer Science and Engineering

Jaipur Engineering college & Research Centre, Jaipur						
Department of Computer Science & Engineering						
Jaipur Engineering college & Research Centre, Jaipur						
PEO Evaluation Form						
S.N.	PEO	5	4	3	2	1
1	To Produce graduates who are able to apply computer engineering knowledge to provide Turn-key IT solution to national and international organizations.					✓
2	To prepare students to excell in industry and higher education by educating students along with high moral values and knowledge.	✓				
3	To able graduates to design embedded systems for industrial application.			✓		
4	To provide students with the fundamentals of engineering sciences with more emphasis in computer science and engineering by way of analyzing and exploiting engineering challenges.	✓				
5	To prepare graduates who can work in new areas such as mobile multimedia and GIS based application development.		✓			
6	To train students with good scientific and engineering knowledge so as to comprehend analyze, design and create novel products and solution for the real life problems.	✓				
7	To inculcate professional and ethical attitude, effective communication skills, multidisciplinary approach enterpreneurial thinking and an ability to relate engineering issues with social issues.	✓				
8	To provide students with an academic environment aware of excellance, leadership, written ethical codes and guidelines and the self motivated life long learning needed for a successful professional career.	✓				

Name & Signature Kati Tanwani
Kati Tanwani

PEO Feedback Form Alumini

Designation & Organization
 (ASE Accenture)
 (Alumni JEERC)

PEO Feedback Form Alumni

Department of Computer Science and Engineering

Jaipur Engineering college & Research Centre, Jaipur						
Department of Computer Science & Engineering						
Jaipur Engineering college & Research Centre, Jaipur						
PEO Evaluation Form						
S.N.	PEO	5	4	3	2	1
1	To Produce graduates who are able to apply computer engineering knowledge to provide Turn-key IT solution to national and international organizations.			✓		
2	To prepare students to excell in industry and higher education by educating students along with high moral values and knowledge.	✓				
3	To able graduates to design embedded systems for industrial application.		✓			
4	To provide students with the fundamentals of engineering sciences with more emphasis in computer science and engineering by way of analyzing and exploiting engineering challenges.	✓				
5	To prepare graduates who can work in new areas such as mobile multimedia and GIS based application development.			✓		
6	To train students with good scientific and engineering knowledge so as to comprehend analyze, design and create novel products and solution for the real life problems.	✓				
7	To inculcate professional and ethical attitude, effective communication skills, multidisciplinary approach enterpreneurial thinking and an ability to relate engineering issues with social issues.	✓				
8	To provide students with an academic environment aware of excellance, leadership, written ethical codes and guidelines and the self motivated life long learning needed for a successful professional career.	✓				

Name & Signature: *(Signature)*

Designation & Organization: *CAfcs in BSL Ltd.*

PEO Feedback Form Industrial Person

Department of Computer Science and Engineering

1.5 Establish Consistency of PEOs with Mission of the Department (15)

(Generate a “Mission of the Department – PEOs matrix” with justification and rationale of the mapping)

Note: M1, M2, ..., Mn are distinct elements of Mission statement. Enter correlation levels 1, 2 or 3 as defined below

1: slight (Low) 2: Moderate (Medium) 3: Substantial (High) if there is no correlation put “-”

MISSION →	To impart outcome based education for emerging technologies in the field of Computer Science and Engineering.	To provide opportunities for interaction between academia and industry.	To provide platform for lifelong learning by accepting the change in technologies	To develop aptitude of fulfilling social responsibilities	
↓ PEOs	To provide students with the fundamentals of engineering science with more emphasis in Computer Science and Engineering by way of analyzing and exploiting engineering challenges.	H	H	H	M
To train students with good scientific and engineering knowledge for Computer Science and Engineering so as to comprehend, analyze, design, and create novel products and solutions for the real life problems.	H	H	H	M	
To inculcate professional and ethical attitude, effective communication skills, teamwork skills, multidisciplinary approach, entrepreneurial thinking and an ability to relate engineering issues with social issues for Computer Science and Engineering.	M	H	M	H	
To provide students with an academic environment aware of excellence, leadership, written ethical codes and guidelines, and the self-motivated life-long learning needed for a successful professional career in Computer Science and Engineering.	M	H	H	M	
To prepare students to excel in Industry and Higher Education by Educating Students along with high moral values and knowledge in Computer Science and Engineering.	H	H	H	M	

Table B.1.5a: Mapping of PEOs with Mission of the Department

Department of Computer Science and Engineering

Justification:

The above table shows the consistency of PEOs with Mission of the department. The reasons behind marking High, Medium and Low are as follows:

Justification of PEO with Mission of Department

PEO1-M1: PEO-1 is consistent with the department mission-1 as computer science and engineers deals with the fundamentals and core subjects for ensuring end to end understanding, thereby, implementing the outcomes in the real world scenarios.

PEO1-M2: PEO-1 is consistent with the department mission-2 as the gaps between the academic curriculum and the industrial revolution are fulfilled with the interaction and community based learning therefore developing competent, innovative and productive engineers in addressing the interests of the organization and society.

PEO1-M3: PEO-1 is consistent with the department mission-3 as the fundamental knowledge of engineering science with analyzing and exploring capability gives firm base for accepting changes in technologies, this is life-long learning process.

PEO1-M4: PEO-1 is consistent with the department mission-4 as for fulfilling many social responsibilities there is requirement of prior engineering knowledge.

PEO2-M1: PEO-2 is consistent with the department mission-1 as the core curriculum is strongly prepared with the logical building, focused learning and creativity. This is inculcated through various tests, assignments, projects and challenges which ensure real thinking and outcome based learning.

PEO2-M2: PEO-2 is consistent with the department mission-2 as the object orientation of well-known problems dealing with real challenges with best approaches is taught keeping in mind the technological advancements thus fulfilling the gap between industry demand and academics.

PEO2-M3: PEO-2 is consistent with the department mission-3 as analyzing, designing and creating novel products for real life challenges will always provide lifelong learning.



Department of Computer Science and Engineering

PEO2-M4: PEO-2 is consistent with the department mission-4 as the creation of novel products solutions for real world problem also fulfill the social responsibility at some extent.

PEO3-M1: PEO-3 is consistent with the department mission-1 as the professionalism in corporates, the one to one interaction, social attitude and the communication is also a part of outcome base learning for engineering education.

PEO3-M2: PEO-3 is consistent with the department mission-2 as interaction between academia and industry directly inculcate professional attitude in students to solve engineering issues.

PEO3-M3: PEO-3 is consistent with the department mission-3 as learning effective communication skills, Team building through various events and hackathons gives lifelong learning to students.

PEO3-M4: PEO-3 is consistent with the department mission-4 as developing attitude for social responsibilities directly associated with ethical attitude, team work, entrepreneurial thinking and solving social issues.

PEO4-M1: PEO-4 is consistent with the department mission-1 as academic environment, leadership, ethical codes, & guidelines helps to achieve outcome based education at some extent.

PEO4-M2: PEO-4 is consistent with the department mission-2 as interaction between academia and industry directly inculcate leadership, self-motivation & lifelong learning for a successful professional carrier.

PEO4-M3: PEO-4 is consistent with the department mission-3 as lifelong learning needed for successful professional carrier by accepting changes in technologies.

PEO4-M4: PEO-4 is consistent with the department mission-4 as it is the duty of academic environment to develop attitude towards social responsibilities.

Department of Computer Science and Engineering

PEO5-M1: PEO-5 is consistent with the department mission-1 as outcome based education demands prepare students to excel in industry & higher education with moral values and knowledge.

PEO5-M2: PEO-5 is consistent with the department mission-2 as interaction with industry is required to prepare students to understand industrial challenges and solving them with ethical values.

PEO5-M3: PEO-5 is consistent with the department mission-3 as for preparing students to excel in industry, it is required to face technological advancements as continuous learning.

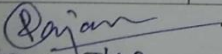
PEO5-M4: PEO-5 is consistent with the department mission-4 as for developing attitude for social responsibilities, high moral values plays an important role and domain knowledge is also required at some extent.

Department of Computer Science and Engineering

Feedback Form of Mapping of PEOs with Mission

JAIPUR ENGINEERING COLLEGE & RESEARCH CENTRE
 Dept of Computer Science & Engineering
 Note: M1, M2, ... Mn are distinct elements of Mission statement. Enter correlation levels 1, 2 or 3as defined below
 1: slight (Low) 2: Moderate (Medium) 3: Substantial (High) if there is no correlation put "-"

MISSION → PEOs ↓	To impart outcome based education for emerging technologies in the field of computer science and engineering.	To provide opportunities for interaction between academia and industry.	To provide platform for lifelong learning by accepting the change technologies in	To develop aptitude of fulfilling social responsibilities
To provide students with the fundamentals of engineering science with more emphasis in Computer Science & Engineering by way of analyzing and exploiting engineering challenges.	H	M	H	M
To train students with good scientific and engineering knowledge for Computer Science & Engineering so as to comprehend, analyze, design, and create novel products and solutions for the real life problems.	H	H	M	M
To inculcate professional and ethical attitude, effective communication skills, teamwork skills, multidisciplinary approach, entrepreneurial thinking and an ability to relate engineering issues with social issues for Computer Science & Engineering.	M	H	M	H
To provide students with an academic environment aware of excellence, leadership, written ethical codes and guidelines, and the self-motivated life-long learning needed for a successful professional career in Computer Science & Engineering.	M	H	M	H
To prepare students to excel in Industry and Higher Education by Educating Students along with high moral values and knowledge in Computer Science & Engineering.	M	H	H	H


 Rajan Jha
 Assistant Professor
 CSE Deptt. JECRC.

Feedback Form of Mapping of PEO with Mission

CRITERION 2

Program Curriculum and Teaching–Learning Processes (1 2 0)



CRITERION 2

Program Curriculum and Teaching–Learning Processes (1 2 0)

Department of Computer Science and Engineering

CRITERION 2	Program Curriculum and Teaching – Learning Processes	120
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2. PROGRAM CURRICULUM AND TEACHING - LEARNING PROCESSES (120)

2.1. Program Curriculum (20)

Jaipur Engineering College & Research Centre is affiliated to Rajasthan Technical University, Kota. As prescribed by Rajasthan Technical University, the Course Curriculum of B. Tech (Computer Science and Engineering) has been divided into 8 semesters. Evaluation Schemes / Program Curriculum of University for 4 year degree program for Department of Computer Science and Engineering is prescribed as mentioned in following tables:

Scheme of Teaching & Examination for I year B. Tech I Semester								
Effective from the session: 2020-21								
(Common to all branches of Engineering)								
THEORY								
I	Computer Science & Engineering	Hours			Marks			Cr
Course Code	Subject	L	T	P	IA	ETE	TOTAL	
1FY2-01	Engineering Mathematics-I	3	1		40	160	200	4
1FY2-02/ 1FY2-03	Engineering Physics/ Engineering Chemistry	3	1		40	160	200	4
1FY1-04/ 1FY1-05	Communication Skills/ Human Values	2			20	80	100	2
1FY3-06/ 1FY3-07	Programming for Problem Solving/ Basic Mechanical Engineering	2			20	80	100	2
1FY3-08/ 1FY3-09	Basic Electrical Engineering/ Basic Civil Engineering	2			20	80	100	2
1FY2-20/ 1FY2-21	Engineering Physics Lab/ Engineering Chemistry Lab			2	30	20	50	1
1FY1-22/ 1FY1-23	Language Lab/ Human Values Activities			2	30	20	50	1
1FY3-24/ 1FY3-25	Computer Programming Lab/ Manufacturing Practices Workshop			3	45	30	75	1.5
1FY3-26/ 1FY3-27	Basic Electrical Engineering Lab/ Basic Civil Engineering Lab			2	30	20	50	1
1FY3-28/ 1FY3-29	Computer Aided Engineering Graphics/ Computer Aided Machine Drawing			3	45	30	75	1.5
1FY8-00	Social Outreach, Discipline & Extra Curricular						25	0.5
Grand Total							1025	20.5

Department of Computer Science and Engineering

Scheme of Teaching & Examination for I year B. Tech II Semester

Effective from the session: 2020-21

(Common to all branches of Engineering)

THEORY

II Course Code	Computer Science & Engineering Subject	Hours			Marks			Cr
		L	T	P	IA		TOTAL	
2FY2-01	Engineering Mathematics-II	3	1		40	160	200	4
2FY2-03/ 2FY2-02	Engineering Chemistry/ Engineering Physics	3	1		40	160	200	4
2FY1-05/ 2FY1-04	Human Values/ Communication Skills	2			20	80	100	2
2FY3-07/ 2FY3-06	Basic Mechanical Engineering/ Programming for Problem Solving	2			20	80	100	2
2FY3-09/ 2FY3-08	Basic Electrical Engineering/ Basic Civil Engineering	2			20	80	100	2
2FY2-21/ 2FY2-20	Engineering Chemistry Lab / Engineering Physics Lab			2	30	20	50	1
2FY1-23/ 2FY1-22	Human Values Activities / Language Lab			2	30	20	50	1
2FY3-25/ 2FY3-24	Manufacturing Practices Workshop/ Computer Programming Lab			3	45	30	75	1.5
2FY3-27/ 2FY3-26	Computer Programming Lab/ Basic Electrical Engineering Lab/			2	30	20	50	1
2FY3-29/ 2FY3-28	Computer Aided Engineering Graphics/ Computer Aided Machine Drawing			3	45	30	75	1.5
1FY8-00	Social Outreach, Discipline & Extra Curricular						25	0.5
Grand Total							1025	20.5

Department of Computer Science and Engineering

Scheme of Teaching & Examination for Iyear B. Tech III Semester

Effective from session 2020-21
Computer Science and Engineering

THEORY

Course		Hours/Week			Marks			Cr	
Code	Title	L	T	P	Exm Hrs.	IA	ETE	TOTAL	
3CS2-01	Advanced Engineering Mathematics	3	0	0	3	30	120	150	3
3CS1-02/ 3CS1-03	Technical Communication/ Managerial Economics and Financial	2	0	0	2	20	80	100	2
3CS3-04	Digital Electronics	3	0	0	3	30	120	150	3
3CS4-05	Data Structures and Algorithms	3	0	0	3	30	120	150	3
3CS4-06	Object Oriented Programming	3	0	0	3	30	120	150	3
3CS4-07	Software Engineering	3	0	0	3	30	120	150	3
Sub Total		17	0	0		170	680	850	17

PRACTICAL & SESSIONAL

3CS4-21	Data Structures and Algorithms	0	0	3		45	30	75	1.5
3CS4-22	Object Oriented Programming	0	0	3		45	30	75	1.5
3CS4-23	Software Engineering Lab	0	0	3		45	30	75	1.5
3CS4-24	Digital Electronics Lab	0	0	3		45	30	75	1.5
3CS7-30	Industrial Training	0	0	1				50	1
3CS8-00	Social Outreach, Discipline & Extra Curricular Activities							25	0.5
Grand Total		0	0	13		180	120	375	7.5
TOTAL OF III		17	0	13		350	800	1225	24.5

Department of Computer Science and Engineering

Scheme of Teaching & Examination for II year B. Tech IV Semester

Effective from session 2020-21
Computer Science and Engineering

THEORY

Course		Hours/Week			Marks				Cr
Code	Title	L	T	P	Exm Hrs.	IA	ETE	TOTAL	
4CS2-01	Discrete Mathematics Structure	3	0	0	3	30	120	150	3
4CS1-03/4CS1-02	Managerial Economics and Financial Accounting/ Technical Communication	2	0	0	2	20	80	100	2
4CS3-04	Microprocessor & Interfaces	3	0	0	3	30	120	150	3
4CS4-05	Database Management System	3	0	0	3	30	120	150	3
4CS4-06	Theory of Computation	3	0	0	3	30	120	150	3
4CS4-07	Data Communication and Computer	3	0	0	3	30	120	150	3
Sub Total		17	0	0		170	680	850	17

PRACTICAL & SESSIONAL

4CS4-21	Microprocessor and Interfaces Lab	0	0	2		30	20	75	1
4CS4-22	Database Management System Lab	0	0	3		45	30	75	1.5
4CS4-23	Network Programming Lab	0	0	3		45	30	75	1.5
4CS4-24	Linux Shell Programming Lab	0	0	2		30	20	50	1
4CS4-25	Java Lab	0	0	2		30	20	50	1
4CS8-00	Social Outreach, Discipline & Extra Curricular Activities							25	0.5
Grand Total		0	0	12		180	120	325	6.5
TOTAL OF IV SEMESTER		17	0	12		350	800	1175	23.5

Department of Computer Science and Engineering

Scheme of Teaching & Examination for III year B. Tech V Semester

Effective from session 2020-21
Computer Science and Engineering

THEORY

Course		Hours/Week			Marks			Cr	
Course Code	Subject	L	T	P	Exm Hrs.	IA	ETE		TOTAL
5CS3-01	InformationTheory&Coding	2	0	0	3	20	80	100	2
5CS4-02	Compiler Design	3	0	0	3	30	120	150	3
5CS4-03	Operating System	3	0	0	3	30	120	150	3
5CS4-04	ComputerGraphics&Multimedia	3	0	0	3	30	120	150	3
5CS4-05	AnalysisofAlgorithms	3	0	0	3	30	120	150	3
Professional Elective 1:(any one)		2	0	0	2	20	80	100	2
5CS5-11	Wireless Communication								
5CS5-12	Human-Computer Interaction								
5CS5-13	Bioinformatics								
Sub Total		16	0	0		160	640	800	16

PRATICAL & SESSIONAL

5CS4-21	ComputerGraphics&Multimedia Lab	0	0	2	2	30	20	50	1
5CS4-22	CompilerDesignLab	0	0	2	2	30	20	50	1
5CS4-23	AnalysisofAlgorithmsLab	0	0	2	2	30	20	50	1
5CS4-24	AdvanceJavaLab	0	0	2	2	30	20	50	1
5CS7-30	IndustrialTraining	0	0	1		75	50	125	2.5
5CS8-00	Social Outreach, Discipline & Extra Curricular Activities						25	25	0.5
Sub Total		0	0	9		195	155	350	7
TOTAL OF V SEMESTER		16	0	9		355	795	1150	23

Department of Computer Science and Engineering

Scheme of Teaching & Examination for III year B. Tech VI Semester

Effective from session 2020-21
Computer Science and Engineering

THEORY

Course		Hours/Week Hours			Marks				Cr.
Code	Title	L	T	P	Exam Hrs.	IA	ETE	Total	
6CS3-01	Digital Image Processing	2	0	0	2	20	80	100	2
6CS4-02	Machine Learning	3	0	0	3	30	120	150	3
6CS4-03	Information Security System	2	0	0	2	20	80	100	2
6CS4-04	Computer Architecture and Organization	3	0	0	3	30	120	150	3
6CS4-05	Artificial Intelligence	2	0	0	2	20	80	100	2
6CS4-06	Cloud Computing	3	0	0	3	30	120	150	3
Professional Elective 1:(any one)		2	0	0	2	20	80	100	2
6CS5-11	Distributed System								
6CS5-12	Software Defined Network								
6CS5-13	Ecommerce and ERP								
Sub-Total		17	0	0		170	680	850	17
PRATICAL & SESSIONAL									
6CS4-21	Digital Image Processing Lab	0	0	3	2	45	30	75	1.5
6CS4-22	Machine Learning Lab	0	0	3	2	45	30	75	1.5
6CS4-23	Python Lab	0	0	3	2	45	30	75	1.5
6CS4-24	Mobile Application Development Lab	0	0	3	2	45	30	75	1.5
6CS8-00	social Outreach, Discipline & Extra Curricular Activities						25	25	0.5
Sub-Total		0	0	12		180	145	325	6.5
TOTAL OF VI SEMESTER		17	0	12		350	825	1175	23.5

Scheme of Teaching & Examination for IV year B. Tech VII Semester



Department of Computer Science and Engineering

Effective from session 2020-21
Computer Science and Engineering

THEORY									
Course		Hours/Week Hours			Marks				Cr.
Code	Title	L	T	P	Exam Hrs.	IA	ETE	Total	
7CS401	Internet of Things	3	0	0	3	30	120	150	3
	Open Elective – I	3	0	0	3	30	120	150	3
	Sub Total	6	0	0	6	60	240	300	6
PRACTICAL& SESSIONAL									
7CS4-21	Internet of Things Lab	0	0	4	2	60	40	100	2
7CS4-22	Cyber Security Lab	0	0	4	2	60	40	100	2
7CS7-30	Industrial Training	1	0	0				125	2.5
7CS7-40	Seminar	2	0	0				100	2
7CS8-00	Social Outreach, Discipline &Extra Curricular Activities							25	0.5
	Sub-Total	0	0	10	4	120	80	450	9
	TOTAL OF VII SEMESTER	6	0	10	10	80	320	750	15

Department of Computer Science and Engineering

Scheme of Teaching & Examination for IV year B. Tech VIII Semester									
Effective from session 2020-21									
Computer Science and Engineering									
THEORY									
Course		Hours/Week Hours			Marks				Cr.
Code	Title	L	T	P	Exam Hrs.	IA	ETE	Total	
8CS4-01	Big Data Analytics	3	0	0	3	30	120	150	3
	Open Elective – II	3	0	0	3	30	120	150	3
	Sub Total	6	0	0	6	60	240	300	6
PRACTICAL & SESSIONAL									
8CS4-21	Big Data Analytics Lab	0	0	2	2	30	20	50	1
8CS4-22	Software Testing and Validation Lab	0	0	2	2	30	20	50	1
8CS7-50	Project	3	0	0		210	140	350	7
8CS8-00	Social Outreach, Discipline & Extra Curricular Activities							25	0.5
	Sub-Total	0	0	4	4	120	80	475	9.5
	TOTAL OF VIII SEMESTER	6	0	4	10	180	320	775	15.5

For reference:

1. https://rtu.ac.in/index/Adminpanel/Images/Media/Computer%20Science%20Engineering_III.pdf
2. https://rtu.ac.in/index/Adminpanel/Images/Media/Computer%20Science%20and%20Engineering_IV.pdf
3. <https://rtu.ac.in/index/Adminpanel/Images/Media/Computer%20Science%20Engg.VII%20&%20VIII%20Sem..pdf>
4. <https://rtu.ac.in/home/wp-content/uploads/2019/07/CS-S.pdf>
5. <https://rtu.ac.in/index/Adminpanel/Images/Media/15122021050410-media.pdf>

The above link states complete detailed syllabus of Department of Computer Science and Engineering.

The curriculum comprises of mathematics, core and professional electronics components in relation with Computer Science and Engineering. For identifying the gaps subjects are mapped with program outcomes where subjects are classified in various categories i.e. advanced mathematics, core electronics, electives etc.

PROGRAM OUTCOMES

1. **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals and Computer Science and Engineering specialization to the solution of complex Computer Science and Engineering problems.
2. **Problem analysis:** Identify, formulate, review, research literature, and analyse complex Computer Science and Engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. **Design/development of solutions:** Design solutions for complex Computer Science and Engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4. **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of Computer Science and Engineering experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex Computer Science Engineering activities with an understanding of the limitations.
6. **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional Computer Science and Engineering practice.
7. **Environment and sustainability:** Understand the impact of the professional Computer Science and Engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the Computer Science and Engineering practice.
9. **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings in Computer Science and Engineering.
10. **Communication:** Communicate effectively on complex Computer Science and Engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11. **Project management and finance:** Demonstrate knowledge and understanding of the Computer Science and Engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change in Computer Science and Engineering.

Department of Computer Science and Engineering

PROGRAM SPECIFIC OUTCOMES

PSO1	Ability to interpret and analyze network specific and cyber security issues, automation in real word environment.
PSO2	Ability to design and develop mobile and web-based applications under realistic constraints.

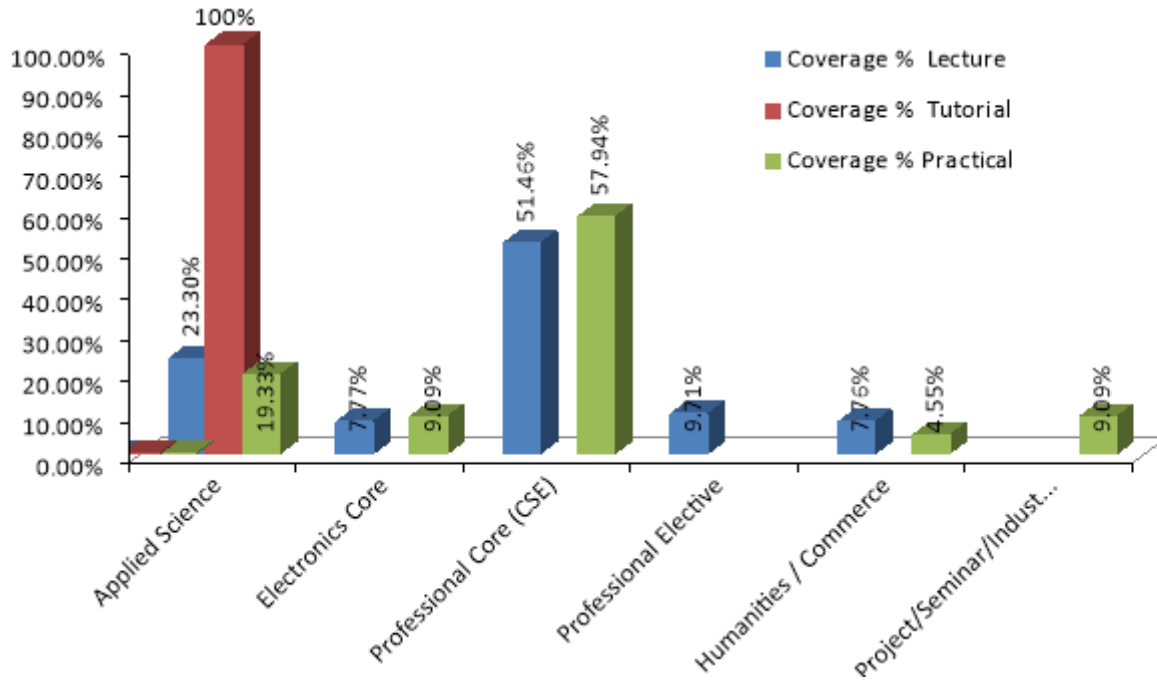
Different courses emphasize on contribution to different POs and PSOs, resulting in ultimate attainment of POs and PSOs upon completion of all courses and thus the program. Every course has decent importance to elementary ideas, tools and techniques and focus on sensible implementations. This provides a powerful correlation between the course outcomes and program outcomes, developing necessary skills in students, creating them practiced engineers.

The following table divides Rajasthan Technical University's Course Curriculum in following six course components. It also explains the contribution of each category among Lecture, Tutorial and Practical. It also explains the relevance of each course component with POs and PSOs.

Based on RTU Program Course Component Grouping	Coverage %			POs	PSOs
	L	T	P		
Applied Science	24/103= 23.30%	4/4= 100%	17/88= 19.33%	PO1,PO2,PO3, PO12	
Electronics Core	08/103= 7.77%		8/88= 9.09%	PO1,PO2,PO3,P05,PO10,PO12	PSO1
Professional Core (CSE)	53/103= 51.46%		51/88= 57.94%	PO1- PO12	PSO1, PSO2
Professional Elective	10/103= 9.71%			PO1,PO2,PO3,P04,P05,P08,PO9,PO10,PO11,PO12	PSO1.
Humanities / Commerce	8/103= 7.76%		4/88= 4.55%	PO1,PO2,PO5,PO6.PO10,PO11,PO12	
Project/Seminar/ Industrial Training			8/88= 9.09%	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9, PO10, PO11, PO12	PSO1, PSO2

Department of Computer Science and Engineering

Table B.1



Based on RTU Program Course Component Grouping

Department of Computer Science and Engineering

2.1.1. State the process used to identify extent of compliance of the university curriculum for attaining the Program Outcomes and Program Specific Outcomes as mentioned in Annexure-I. Also mention the identified curricular gaps, if any (10)

(State the process details; also mention identified curricular gaps).

A. Compliance of the University Curriculum

The department ensures the compliance of the curriculum prescribed by Rajasthan Technical University (RTU), Kota, by analyzing and identifying the contents and degree of competency to attain Program Outcomes (PO) and Program Specific Outcomes (PSO).

The curriculum component comprises the followings as the areas of study:

- Applied Science
- Humanities
- Electronics Core
- Core Computer Science and Engineering subjects
- Professional & Open Electives
- Industrial Training, Seminar and Project

The faculty members are responsible for the designing of Course Outcomes of their respective courses. The Course Outcomes of each courses are mapped with POs and PSOs with the correlation levels of 3 (High), 2 (Moderate) and 1 (Low).

Mapping method of CO-PO and CO-PSO

The courses and its syllabus are defined by the affiliating university. Following are the steps of mapping of course outcome with program outcome:

- All the faculty members participate in CO-PO and CO-PSO mapping.
- High mapped subject's COs is mentioned 3 as numeric value, similarly medium and low mapped COs is represented by 2 and 1 respectively.
- Average value of CO is considered as final mapping.
- The affiliating university revises the curriculum time to time as and when required. Accordingly, the course outcomes and its mapping are reviewed.

Mapping of Program Curriculum (First Year Courses) with POs

Courses	Subject	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
MA-101	Engineering Mathematics-I	3	2	1	0	2	1	2	0	3	2	0	1
HU-103	Human Values	0	0	2	0	0	3	2	3	2	1	0	1
PY-101	Engineering Physics	2	0	1	0	0	1	0	0	1	1	0	1
CS-101	Computer Programming-I	1	0	2	2	2	2	1	0	0	2	0	3

Department of Computer Science and Engineering

CE-101	Environmental Engineering and Disaster Management	2	1	1	1	0	2	2	0	2	1	0	1
HU-104	Human Values: Activities	0	0	1	0	0	3	3	3	1	1	0	1
PY-102	Engineering Physics Lab	2	1	1	0	0	1	0	0	1	1	0	1
CS-102	Computer Programming-I Lab	2	3	2	1	0	0	0	0	2	1	0	1
CE-102	Computer Aided Engineering Graphic	3	0	0	0	0	0	0	0	2	2	0	1
ME-101	Mechanical Workshop Practice	3	0	0	0	0	0	0	0	2	2	0	1

Table B. 2.1.1a: Program level Course-PO matrix of first year courses

Mapping of Program Curriculum with POs and PSO

S.No.	Se m	Code	Sub	P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	PO 10	PO 11	PO 12	PS O1	PS O2
1	3	3CS2-01	Advance Engineering Mathematics	3	2	1	0	1	0	0	0	1	1	0	1	0	0
2	3	3CS1-02	Technical Communication	0	1	0	1	0	2	1	0	1	3	2	1	0	1
4	3	3CS3-04	Digital Electronics	2	1	1	1	2	0	0	0	1	1	0	2	2	0
5	3	3CS1-05	Data Structures And Algorithm	3	2	2	3	3	2	1	0	2	1	2	3	2	2
6	3	3CS1-06	Object Oriented Programming	3	2	3	3	3	2	0	0	2	2	2	2	2	2
7	3	3CS4-07	Software Engineering	3	2	3	1	3	1	1	1	3	1	2	3	0	3
8	4	4CS2-01	Discrete Mathematical Structures	3	3	2	2	1	1	0	0	0	1	0	1	0	0
10	4	4CS2-03	Managerial Economics And Financial Accounting	0	0	1	3	0	0	1	0	1	0	3	2	0	0
11	4	4CS2-04	Microprocessor and Interfaces	3	2	3	1	1	1	0	0	2	1	0	2	1	1
12	4	4CS2-05	Database Management System	3	3	3	2	3	2	2	3	3	3	3	3	2	2
13	4	4CS2-06	Theory Of Computation	3	2	2	2	2	0	0	0	1	2	0	1	0	0
14	4	4CS4-07	Data Communication And Computer Networks	3	2	2	2	2	0	0	1	2	1	1	2	3	3
15	5	5CS3-01	Information Theory & Coding	3	2	2	2	2	0	0	0	1	1	0	1	1	0
16	5	5CS4-02	Compiler Design	3	3	2	2	2	0	0	0	2	2	0	2	2	2
17	5	5CS4-03	Operating System	3	3	2	2	2	2	1	1	3	1	2	3	2	2
18	5	5CS4-04	Computer Graphics & Multimedia	3	3	3	3	3	1	1	1	1	1	2	3	0	1

Department of Computer Science and Engineering

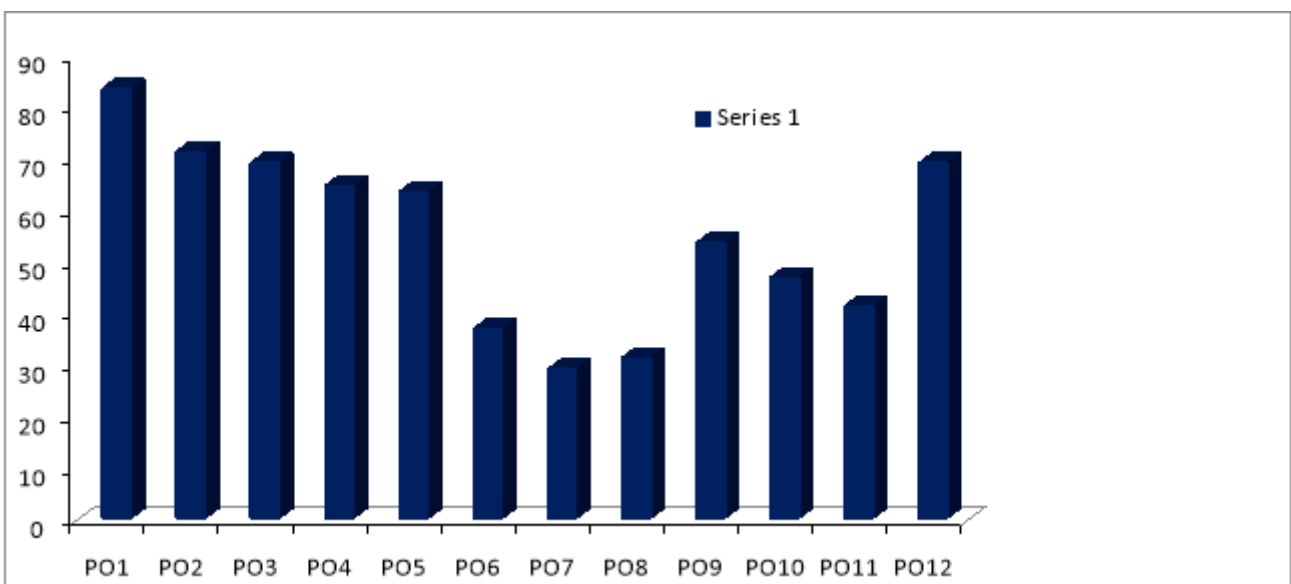
19	5	5CS4-05	Analysis Of Algorithms	3	2	2	3	2	0	0	0	0	1	0	1	0	0
20	5	5CS5-12	Human Computer Interaction	3	2	3	3	2	1	1	2	2	2	1	1	1	1
21	6	6CS3-01	Digital Image Processing	3	3	1	1	2	0	0	1	1	1	2	3	0	1
22	6	6CS4-02	Machine Learning	3	3	3	3	2	1	3	2	2	2	1	2	2	2
23	6	6CS4-03	Information Security system	3	3	2	2	1	1	0	1	1	1	0	2	3	3
24	6	6CS4-04	Computer Architecture And Organization	3	2	2	3	3	1	2	2	3	2	1	3	1	1
25	6	6CS4-05	Artificial Intelligence	3	3	3	3	3	2	2	3	3	2	2	3	2	2
26	6	6CS4-06	Cloud Computing	3	2	2	2	2	2	2	2	2	2	2	3	3	3
27	7	7CS4-01	Internet of Things	3	3	3	2	3	2	1	1	2	2	2	3	3	3
28	7	7AG6-60.1	Human Engineering and Safety	2	2	3	2	3	3	3	3	2	1	2	3	0	0
29	8	8CS4-01	Big Data Analytics	3	3	3	2	2	3	2	2	2	2	2	3	2	2
30	8	8TT6-60.2	Disaster Management	2	3	3	2	2	3	2	2	2	2	3	3	0	0

S.No	Se m	Code	Sub	PO's	PSO's
1	3	3CS2-01	Advance Engineering Mathematics	PO1, PO2, PO3, PO5, PO9, PO10, PO12	-
2	3	3CS1-02	Technical Communication	PO2, PO4, PO6, PO7, PO9, PO10, PO11, PO12	PSO2
4	3	3CS3-04	Digital Electronics	PO1, PO2, PO3, PO4, PO5, PO9, PO10, PO12	PSO1
5	3	3CS1-05	Data Structures and Algorithm	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO9, PO10, PO11, PO12	PSO1, PSO2
6	3	3CS1-06	Object Oriented Programming	PO1, PO2, PO3, PO4, PO5, PO6, PO9, PO10, PO11, PO12	PSO1, PSO2
7	3	3CS4-07	Software Engineering	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12	PSO2
8	4	4CS2-01	Discrete Mathematical Structures	PO1, PO2, PO3, PO4, PO5, PO6, PO10, PO12	-
10	4	4CS2-03	Managerial Economics and Financial Accounting	PO3, PO4, PO7, PO9, PO11, PO12	-
11	4	4CS2-04	Microprocessor and Interfaces	PO1, PO2, PO3, PO4, PO5, PO6, PO9, PO10, PO12	PSO1, PSO2
12	4	4CS2-05	Database Management System	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2
13	4	4CS2-06	Theory of Computation	PO1, PO2, PO3, PO4, PO5, PO9, PO10, PO12	-
14	4	4CS4-07	Data Communication and Computer Networks	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2
15	5	5CS3-01	Information Theory & Coding	PO1, PO2, PO3, PO4, PO5, PO9, PO10, PO12	PSO1
16	5	5CS4-02	Compiler Design	PO1, PO2, PO3, PO4, PO5, PO9, PO10, PO12	PSO1, PSO2

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17	5	5CS4-03	Operating System	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2
18	5	5CS4-04	Computer Graphics & Multimedia	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12	PSO2
19	5	5CS4-05	Analysis of Algorithms	PO1, PO2, PO3, PO4, PO5, PO10, PO12	-
20	5	5CS5-12	Human Computer Interaction	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2
21	6	6CS3-01	Digital Image Processing	PO1, PO2, PO3, PO4, PO5, PO8, PO9, PO10, PO11, PO12	PSO2
22	6	6CS4-02	Machine Learning	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2
23	6	6CS4-03	Information Security system	PO1, PO2, PO3, PO4, PO5, PO6, PO8, PO9, PO10, PO12	PSO1, PSO2
24	6	6CS4-04	Computer Architecture and Organization	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2
25	6	6CS4-05	Artificial Intelligence	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2
26	6	6CS4-06	Cloud Computing	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2
27	7	7CS4-01	Internet of Things	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2
28	7	7AG6-60.1	Human Engineering and Safety	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12	-
29	8	8CS4-01	Big Data Analytics	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12	PSO1, PSO2
30	8	8TT6-60.2	Disaster Management	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12	-

Table B. 2.1.1b: Program level Course-PO-PSO matrix



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POs	Contribution of Subjects for Attaining POs
PO1	83.33%
PO2	71.11%
PO3	68.88%
PO4	64.44%
PO5	63.33%
PO6	36.66%
PO7	28.88%
PO8	31.11%
PO9	53.33%
PO10	46.66%
PO11	41.11%
PO12	68.88%

Table B.2.1.1c: Contribution of Subjects for Attaining POs

The attainment process of POs and PSOs through COs is documented in detail in Criteria-3. Rajasthan Technical University revises the course curriculum as and when required. Thus course outcomes and its mapping with POs and PSOs are reviewed as per changes communicated by the university.

If some components are not included during the process of compliance of the curriculum prescribed by Rajasthan Technical University (RTU) to attain Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) then the Institute makes additional efforts to identify curriculum gap and take appropriate actions to fill the identified gaps.

Process to identify extent of compliance is as follows:



(a) Gaps identified from University Curriculum with POs and PSOs:

- Outcome Based Education (OBE) based procedural training is delivered to the subject faculty members.
- For each course, course contents of the curriculum are analyzed and Course Outcomes are designed using Bloom's taxonomy.
- Verification of curriculum compliance is performed by creating Course-PO matrix by organizing information such that mapping is performed with each one to the other through course faculty members.
- Mapping between Course Outcomes (COs) and Program Outcomes (POs) is finalized to manifest the attainment of POs through curriculum.
- This same process is used to create course-PSOs matrix to manifest the attainment of PSO through curriculum.
- Through this mapping procedure, curriculum gaps are identified.

(b) Input from Internal and External Stakeholders for modification of identified curriculum gaps:

- The representatives from Parents, Academicians, Alumni and Industry experts, students and analysis from other university curriculum provide feedback to identify the curriculum gap.
- The Departmental Quality Assurance Committee (DQAC) comprising of Head of Department and Senior Faculty Members studies the identified curriculum gap and analyze whether the syllabi provides systematic contents to students.
- DQAC recommend and finalize the COURSE CONTENT BEYOND CURRICULUM which helps students to enhance their appropriate knowledge and skills.

This process helps in identifying Curriculum Gap between Rajasthan Technical University Curriculum with respect to Program Outcomes, Program Specific Outcomes and Course Outcomes.

(c) Evaluation of curriculum gaps

The identified curriculum gaps of the University curriculum for attaining the Program Outcomes and Program Specific Outcomes are measured and evaluated using components like feedback from students, faculty, recruiters etc.

To evaluate the curriculum gaps, DQAC collect feedback form from the following stakeholders:

- Student
- Teacher
- Alumni
- Employer

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Based on the evaluation & further analysis of above mentioned components, curriculum gaps are identified.

Regular feedback & suggestions regarding the curricular gaps are passed on to the IQAC from DQAC. After approval from IQAC various activities like Add-on courses, Workshops, Seminars, Industrial training, Center of excellence, conference etc. are conducted to full fill the curriculum gap.

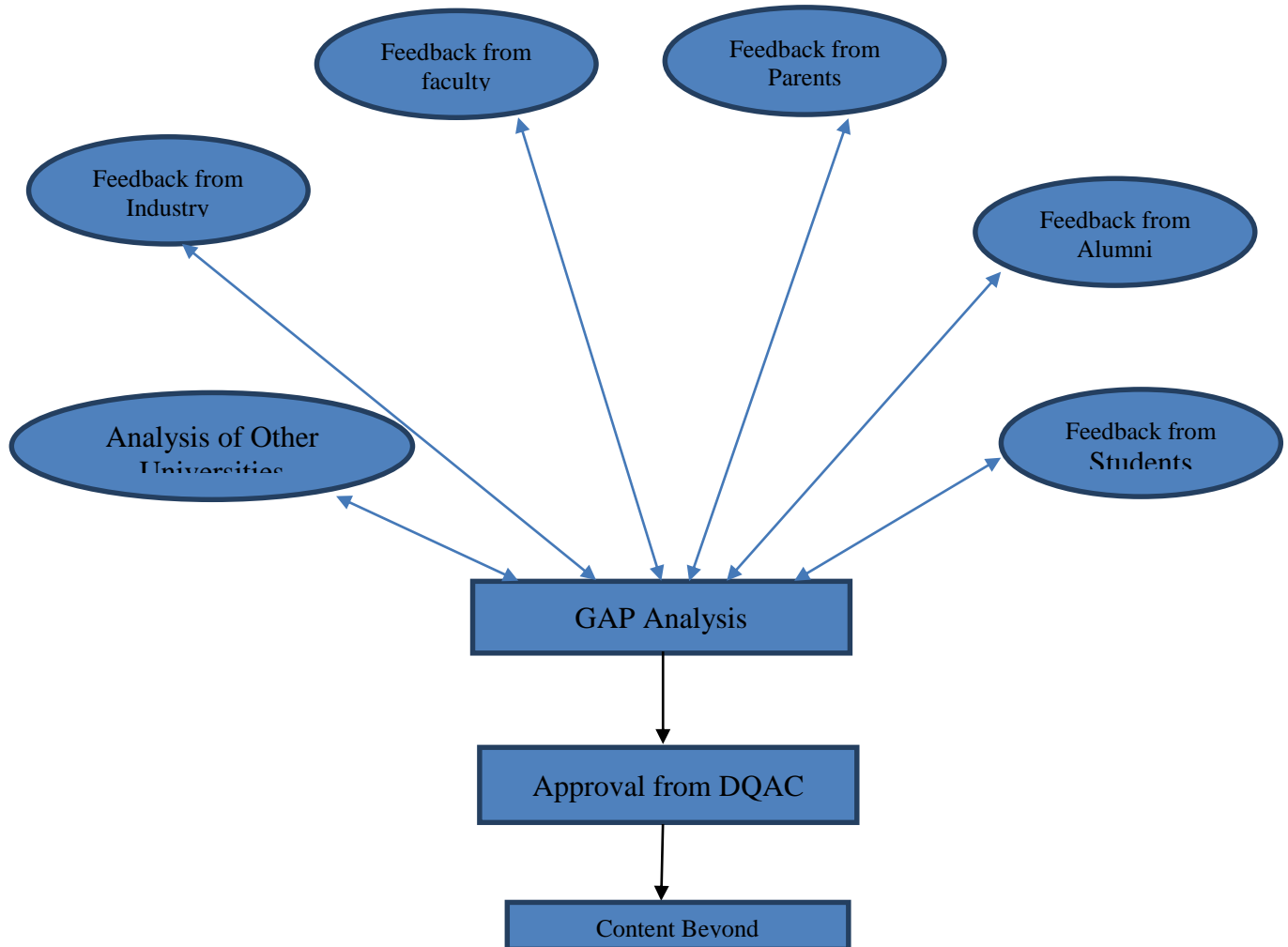


Figure 2.1.1a: Process of GAP Identification

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Identified gaps:

Following gaps were identified that are required for industry oriented & learning of emerging technologies

- Practical Aspects of Machine Learning and Blockchain Technology
- Front end and User interface designing tools
- Open Source Tools required for programming & designing database
- Learning Practical tool for ethical hacking, cyber security.
- Open Source technology such as Salesforce.
- Emerging tools like BIG DATA, IoTetc.
- Practical aspects of Android, Web Development, Networking.
- Mobile App Development
- Leadership Skills
- Social Awareness and Ethics

Methods used to fulfill the identified curriculum gaps:

- **Lectures/Experimental Laboratory Work:** Faculty effectively teach students about a concerned subject and convey significant information, history, background, theories, analogies and equations to make the concepts clear. Laboratory work demonstrates how theory can be verified by experiments through interpretation of results.
- **Online /Video lectures:** Faculties teach students through online video lectures to enhance the knowledge of the students about the concerned subject.
- **Presentations:** Faculty members also provide PPT and Videos related to course. Videos effectively communicate the working of actual engineering solutions-long learning in the appropriate societal context.
- **Center of Excellence:** IBM has established a Center of excellence lab so that students can learn the latest software and techniques which are developed by IBM like Tivoli.
- **Industry Interaction:** Faculty provide the exposure for the industry to the students by visiting industrial places, interacting with industrial eminent personalities and providing the keynote session which enables the students to face the current industry scenarios.
- **E-Book/Digital Library:** The facility of (multi Media) Digital Library is available where all interested students & faculty members may read e-books and e-journals which are available on NPTEL, expert lectures on you tube. The link of FTP server is also provided to the students to enhance the online teaching mode.
- **FDP/Conference/Workshop:** Faculty members take knowledge about the latest technology and deliver the same to students.
- **Government/AICTE Initiatives:** Its main objective is to provide all with best teaching learning resources. All the courses are interactive and prepared by best teachers in the country.

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Quality of content of the course is ensured by seven national coordinators namely, NPTEL, UGC, CEC, NCERT, NIOS, IGNOU and IIMB.

- **Expert Lecture:** On the latest trends on the technology are done from the industry person and academicians.
- **Group Tasks:** Through group task the concepts of engineering that the student has understood in the course is showcased. This helps to do work in groups effectively which motivates the students in group activity environment. JECRC Hackathon and Smart India Hackathon were organized to promote IT & e-governance initiatives. Coders, developers & designers will have a prodigious platform to use their out-of-the-box thinking on Bhamashah, e-Mitra, Artificial Intelligence, Internet of Things, AR/VR, Blockchain, Machine Learning and Data Mobility.
- **Skill Development Activities:** Department organized technical development activities for the betterment of the student.

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Course Delivery	Attainment of POs	Attainment of PSOs	Justification
Lecture	PO1,PO2,PO3,PO4,PO8,PO9,PO10,PO12	PSO1	<ul style="list-style-type: none"> • Faculties of the CSE Department effectively teach students about a concerned subject. • Faculties convey significant information, history, background, theories, analogies and equations to make the concepts clear. • Faculties relate engineering practice to the real world.
Tutorial	PO1,PO2,PO3,PO4,PO8,PO9,PO10,PO12	PSO1	<ul style="list-style-type: none"> • Faculties help the slow learners by solving more number of similar problems. • Any specific problem is also entertained by Faculty Members.
Laboratory work	PO1,PO2,PO3,PO5,PO9,PO10,PO12	PSO1,PSO2	<ul style="list-style-type: none"> • Laboratory work demonstrates how theory can be verified by experiments through interpretation of results. • Experiments are normally done in groups thereby encouraging students to do team work.
Technical/Social Activities	PO1,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11	PSO1,PSO2	<ul style="list-style-type: none"> • Add-on courses are added in the curriculum • Workshops/Seminar are organized on latest technologies. • Teaching students with visualization method like debate and quiz • Gives a sense of social responsibility to a student.
Government/AICTE initiative	PO1,PO2,PO3,PO4,PO5,PO6,PO9,PO10,PO12	PSO1,PSO2	<ul style="list-style-type: none"> • For interactive teaching learning various initiative of Gov/AICTE such as Swayam, NPTEL, and Virtual lab from IIT Mumbai, Internshala and ICT courses through NITTTR Chandigarh are utilized.
FDP/Conference /Workshop	PO4, PO7, PO8, PO9, PO10, PO11	PSO1,PSO2	<ul style="list-style-type: none"> • Here the concepts of engineering that the student has understood in the course are showcased. This helps to do work in groups effectively
E-Book/Digital library/Video Lecture	PO1, PO2, PO3, PO4, PO12	-	<ul style="list-style-type: none"> • Gives a quick insight to the course. • It helps the slow learners to face the exams with confidence

Table B.2.1.1d: Mode of Course Delivery

Assessment tools for attainment of POs and PSOs:



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There is a well-defined process which follows direct and indirect assessment methods to measure the performance of students to ensure the attainment of POs and PSOs through curriculum. On the basis of Program Exit Survey and Curriculum Feedback various action taken plan are concluded which helps further for the attainment of POs and PSOs.

The compliance of the university curriculum for attaining the POs and PSOs is done by using following components:

1. The performance of students in external university exams.
2. Internal assessment which includes Sessional marks, attendance, teacher's assessment.
3. Student's success rate during campus recruitments, National level exams like GATE, CAT, certifications. .
4. Indirect assessment methods including placement ratio, co-curricular and alumni survey responses.
5. Feedback from students during program exit.

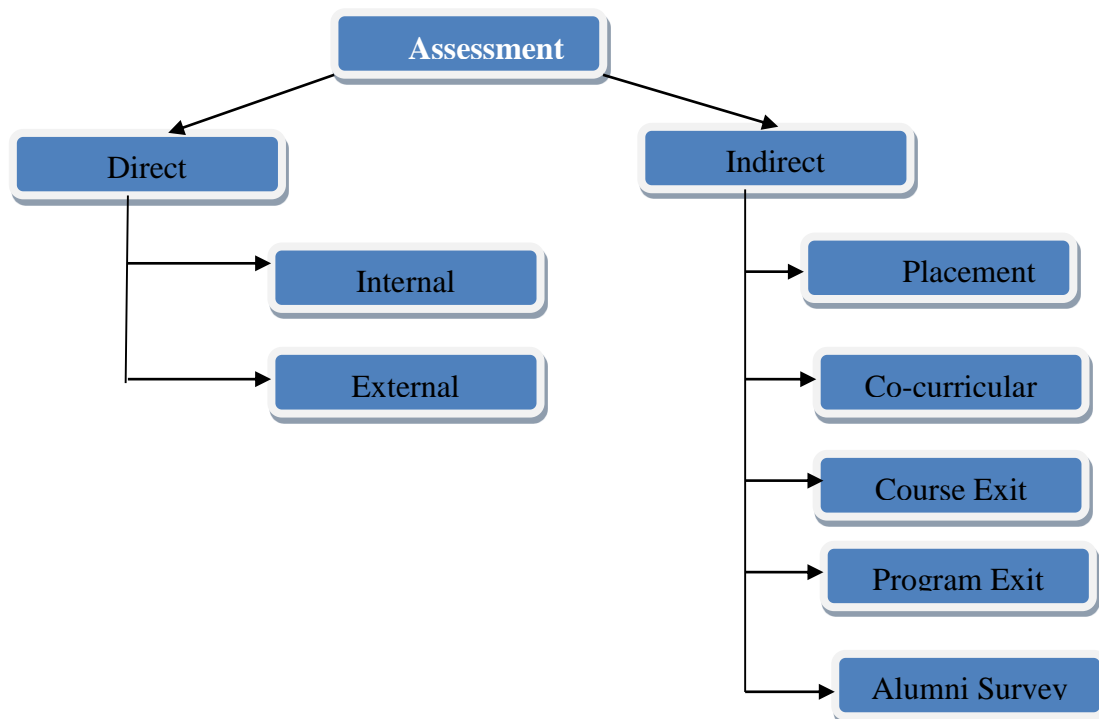


Fig 2.1.1c: Assessment Tool (method) for Attainment of POs and PSOs.

Attainment of POs and PSOs in fulfilling identified Curriculum Gap:

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a) **Program Exit Feedback** Forms 2020-21 received from students and summary as follows:

Parameters	Responses (in %)		Action taken
	≥60	<60	
To what extent you agree with the vision of JECRC	96	4	Majority of the parents agreed with the Vision statement of JECRC
To what extent you agree with the mission of JECRC	97	3	Majority of the parents agreed with the Mission statement of JECRC
Up to what extent Vision and Mission of Department are taking care of all the needs of stack holders (Students/Parents/Alumni)	94.9	5.1	Planned and proposed more Alumni meet, Parents interaction including all stakeholders.
To what extent you achieve: PO1: Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.	93.9	6.1	Students are assigned mini projects for complex engineering problem and proper guidance are proposed to achieve PO1.
To what extent you achieve: PO2: Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.	92.8	7.2	Students are motivated to write research papers including complex engineering problems, natural sciences, and engineering sciences to achieve PO2.
To what extent you achieve: PO3: Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and, and environmental considerations.	94.8	5.2	More workshops are planned in the area of Public Health and safety, and the cultural, societal. Also awareness session is arranged on Environment & Sustainability to achieve PO3.
To what extent you achieve: PO4: Conduct investigations of	93.4	6.6	Students are motivated to write research papers and mini

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complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.			projects including design of experiments, analysis and interpretation of data and also planned guest lecturers to achieve PO4.
To what extent you achieve: PO5: Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.	94.4	5.6	Faculties are motivated to use of ICT based tools and proper training are suggested to achieve PO5 .
To what extent you achieve: PO6: The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.	95.9	4.1	More workshops are planned in the area of Public Health and safety, and the cultural, societal. Also awareness session is arranged on Environment & Sustainability to achieve PO6.
To what extent you achieve: PO7: Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.	96.5	3.5	Students are assigned mini projects in the area of Human values, professional ethics Also awareness session is arranged on Environment & Sustainability to achieve PO7.
To what extent you achieve: PO8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.	96	4	Along with placement activities different ethical sessions are planned for students to improve professional ethics and responsibilities to achieve PO8.
To what extent you achieve: PO9: Individual and team work: Function effectively as an individual, and as a member or	96.4	4.6	Project based competitions are planned like SIH and SBH are discussed and planned to improve team spirit and leadership skills.

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leader in diverse teams, and in multidisciplinary settings.			
To what extent you achieve: PO10: Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.	93.4	6.6	Soft skills workshops are planned and discussed with principal to achieve PO10.
To what extent you achieve: PO11: Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.	95	5	Sessions to conduct Group discussions and extempore in multidisciplinary environments to achieve PO11.
To what extent you achieve: PO12: Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and lifelong learning in the broadest context of technological change.	93.9	6.1	Students are motivated to engage in independent and lifelong learning for context of technological change.

b) **Student's Curriculum Feedback** Form 2020-21 received from students and summary as follows

Parameters	Responses (in %)		Action taken
	≥60	<60	
To what extent you agree with the vision of JECRC.	95.7	4.3	Majority of the students agreed with the Vision of JECRC
To what extent you agree with the Mission of JECRC.	95.9	4.1	Majority of the students agreed with the Mission of JECRC

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Please mark your level of agreement on curriculum provided by university is satisfactory.	94.6	5.4	Syllabus is as per RTU, but as the need of students more technical subjects to be introduced and also practicals to be updated.
Please mark your level of agreement on curriculum provided by university will help me in getting jobs.	93.8	6.2	Department conducting industrial visits, internship programs on regular basis and now more to be planned.
Please mark your level of agreement on curriculum will help me in competing at global level.	91.6	8.4	Introduced new certification courses are made mandatory for students and more add on courses to be planned in academic calendar.
To what extent it will help me in preparing for higher education.	91.1	8.9	Students are motivated to write research papers and projects and also planned guest lecturers to know the importance of higher education.
To what extent it provides inter disciplinary knowledge.	94.1	5.9	Guest lectures are planned.
To what extent human values, professional ethics and Environment and Sustainability included.	93.3	6.7	Students are assigned mini projects in the area of Human values, professional ethics Also awareness session is arranged on Environment & Sustainability.

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2.1.2. State the delivery details of the content beyond the syllabus for attainment of POs and PSOs (10)

(Provide details of the additional course/learning material/content/laboratory experiments/projects etc., arising from the gaps identified in 2.1.1 in a tabular form in the format given below)

Session 2020-21

S.No	SE M	Subject Code	Subjects	GAP	Toipcs	Action Taken	Relevance To POs
1.	III	3CS1-03	Managerial Economics and Financial Accounting	Break-even point, Source of finance, Introduction to accounting	Break-even point, Source of finance, Introduction to accounting	Guest Lecture	PO2, PO3, PO4, PO6, PO10, PO11, PO12
2.		3CS3-04	Digital Electronics	Variable-entered K-Map, Interfacing, Binary Multiplier	Variable-entered K-Map, Interfacing, Binary Multiplier	Guest Lecture	PO1, PO2, PO3, PO4, PO12
3.		3CS4-05	Data Structures and Algorithms	Red Black Tree	Advance concept on Tree	Extra Lecture	PO1,PO2,P O3
4.		3CS4-06	Object Oriented Programming	Destructor Overriding, Error Handling during file operations	Destructor Overriding, Error Handling during file operations	Guest Lecture	PO1, PO2, PO3, PO4, PO5, PO11, PO12
5.		3CS4-07	Software Engineering	Models, Agile method	Agile Methodologies , Software Cost and Effort Estimation Techniques for Agile Development Process	Workshop	PO1,PO2,P O3

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6.	IV	4CS4-05	Database Management System	4NF 5 NF	No SQL Concepts, Databases for Social media	Extra Lecture	PO1, PO2
7.		4CS4-07	Data Communication and Computer Networks	Security	Cryptography, Security issues in computer networks	Workshop	PO2, PO3, PO4, PO5
8.	V	5CS3-01	Information Theory & Coding	Types of Sampling	Sampling Theory	Extra Lecture	PO1, PO2
9.		5CS4-02	Compiler Design	Language and Grammar	Production Rules, Derivation Tree	Guest Lecture	PO1, PO2, PO3, PO12
				Compiler Construction Tools	Data Flow Engines, Scanner Generator	Extra Lecture	PO1, PO2, PO3, PO4, PO5, PO12
10.		5CS4-03	Operating System	Process and Memory Management	context switching	Extra Lecture,	PO1, PO3, PO4, PO5, PO12
					Buddy system	Extra Lecture,	PO1, PO3, PO4, PO5
	Fragmentation compaction				Extra Lecture,	PO1, PO3, PO4, PO5, PO6, PO12	
	Disk management, KALI linux				Guest Lecture	PO1, PO2, PO3, PO4, PO5, PO6, PO12	
11.	6CS3-01	Digital Image Processing	Components of DIP, Weiner Filtering, Bit-Plane Encoding for compression	Components of DIP, Weiner Filtering, Bit-Plane Encoding for compression	Extra Lecture	PO1, PO3, PO4, PO6, PO12	
12.	6CS4-02	Machine Learning	Regularization, Learning Sets of Rules	Regularization, Learning Sets of Rules	Guest Lecture	PO1, PO2	
			Genetic algorithm,	Genetic algorithm,	Guest Lecture	PO1, PO2	

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				Gradient Descent	Gradient Descent		
13.	VI	6CS4-03	Information Security System	Security Threats	Network Security	Workshop	PO1,PO3, PO4,PO5, PO6,PO12
					Introduction to Steganography and Water Marking	Workshop	PO1, PO3, PO4, PO6, PO12
14.		6CS4-04	Computer Architecture and Organization	Hiding Techniques	Neuman Architecture	Guest Lecture	PO1, PO3, PO4
				Architecture related to computer System	Interaction of computer with hardware	Guest Lecture	PO1, PO3, PO4
					System Architectures and their relation to Computer System Architectures	Guest Lecture	PO1, PO3, PO4
15.		6CS4-05	Artificial Intelligence	Intelligent Agent	Optimization Problem	Guest Lecture	PO1,PO3,P O4,PO5,PO 12
				AI Gaming	8 Queens Problem	Guest Lecture	PO1,PO3,P O4,PO5,PO 12
				Knowledge & Reasoning	Markov Decision Process	Guest Lecture	PO1,PO3,P O4,PO5,PO 12
				Learning	Principal Component Analysis	Guest Lecture	PO1,PO3,P O4,PO5,PO 12
				Speech Analysis	Speech and Image Processing	Guest Lecture	PO1,PO3,P O4,PO5,PO 12
16.		6CS4-06	Cloud Computing	Peer to Peer Networking	File Sharing	Guest Lecture	PO1,PO2,P O3,PO4,PO 5,PO12
17.		7CS4-01	Internet of Things	Performance Characteristics of Sensors	Performance Characteristics of Sensors	Extra Lecture	PO1, PO3, PO4

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	VII			Practical Applications of IoT	IoT Platforms	Workshop	PO1, PO2, PO3, PO4
					Configuration of Raspberry-Pi OS	Workshop	PO1, PO3, PO4, PO5, PO9, PO11, PO12
18.		7AG6-60.1	Human Engineering and Safety	Human Performance in the Workplace	Visual Sensory System	Guest Lecture	PO1, PO3, PO4
					Work Physiology	Guest Lecture	PO2, PO3, PO6, PO7, PO8, PO9
					Biomechanics of Work	Guest Lecture	PO2, PO3, PO6, PO7, PO8, PO9
19.	VIII	8CS4-01	Big Data Analytics	Advanced topics in Big Data Analytics	Describe the ethics, governance, and sustainability challenges relating to Big Data	Extra Lecture	PO1, PO2, PO3, PO4, PO5, PO12
					Developing Map-Reduce Program using Eclipse Luna	Guest Lecture	PO1, PO3, PO4, PO5, PO12
					Distributed Cache in Hadoop	Guest Lecture	PO1, PO3, PO4, PO5
					Pig Demo of Healthcare Dataset	Guest Lecture	PO1, PO3, PO4, PO5, PO12
					Hive Metastore	Extra Lecture	PO1, PO3, PO4, PO5, PO12
20.		8TT6-60.2	Disaster Management	Disaster management plan at various levels and disaster management	Levels of Disaster management at district, state and National Level	Extra Lecture	PO6, PO8, PO12

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				act and policy in India	National Policy and Disaster Management Act in India	Extra Lecture	PO9,PO10
					Preparation and implementation of state and district disaster management plan	Extra Lecture	PO11, PO2,PO3,PO4
					Impact of Media and Communication Technology for Safety norms and survival kits under Disaster condition.	Extra Lecture	PO1,PO5,PO7

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Session 2019-20

S.No	GAP	Action Taken	Month-Date-Year	Relevance To POs
1.	Leadership Skills	Workshop on “Digital Marketing”	10/4/2019	PO3-PO12
2	Emerging tools like Internet of Things, BIG Data	Workshop on “IOT”	08/23/2019	PO1,PO2, PO3, PO5,PO6, PO9, PO10,PO11,PO12
3	Machine Learning, Block chain Technology	Workshop On Machine Learning with Data Science	1/23/2020	PO1,PO2, PO3,PO4, PO6, PO9, PO10,PO11,PO12
		Workshop on Block Chain Technology	10/12/2019	
4	User interface designing tools	Workshop On Python with Machine Learning	8/22/2019	PO1,PO2, PO3,PO4, PO9, PO10,PO11,PO12
5	Ethical Hacking	One day Workshop on “Ethical Hacking”	03/2/2020	Po1,Po5Po2po3, PSO1
		One Day Workshop on “Hacking	09/06/2020	
6	Open Source technology	One day Workshop on “Salesforce”	03/02/2020	PO1,PO2, PO3,PO4, PO9, PO10,PO11,PO12,
7	Automation	Workshop on “Basic Automation”	11/16/2019-11/19/2020	PO1,PO2, PO3,PO5, PO9, PO10,PO11,PO12,
		Workshop on “Advanced Automation”	11/29/2019-12/02/2019	

Table 2.1.2a: Details of Expert Lecture/Guest Lecture/Workshop



Fig 2.1.2a: Some Glimpses of Workshop

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Sample of Technical Events Details

S. No.	Event Name	Date of Event	Number of participants	Faculty In-Charge
1	Website Hacking & Bug Bounty	23/07/2020	99	Mr. Kanishk Jain SDO, Dept. CSE Mr. Pranshu Sharma, SDO, JECRC
2	Webinar on Cyber Security	09-02-2020	487	
3	Webinar on Adoption of IoT solutions to increase data collection for Data Analytics	09-07-2020	181	
4	Webinar on Adoption of IoT solutions to increase data collection for Data Analytics	23/12/2020	145	
5	Our Privacy and Priority	19/05/2021	142	
6	Essentials in Job Applications	15/03/2021	158	Mr. Kanishk Jain SDO, Dept. CSE Mr. Pranshu Sharma, SDO, JECRC
7	Essentials in Job Applications	20/05/2021	362	
8	Web development with “Angular”	22/05/2021	158	
9	Web development with “Angular”	04-05-2021	163	
10	Workshop on Cyber Security	26/05/2021	235	
11	Online Workshop on Salesforce	26/04/2021	123	
12	Online Workshop on Salesforce	29/05/2021	165	
13	Social Engineering	06-02-2021	146	
14	Social Engineering	06-09-2021	245	
15	Automation Testing	06-05-2021	171	
16	Automation Testing	06-03-2021	249	
17	Hands-on Mongo DB	06-04-2021	454	
18	Hands-on Mongo DB	15/6/2021	211	
19	Apache Spark & How to Overcome Hadoop limitations	05-06-2021	223	
20	Apache Spark & How to Overcome Hadoop limitations	21/6/2021	125	
21	Clash of Clans: A Mobile Video Game	25/6/2021	10	
22	Techno Quiz	28/6/2021	41	
23	Code Hide and Seek	28/6/2021	32	

Department of Computer Science and Engineering

S. No.	Event Name	Number of participants	Faculty In-Charge
1	TECH PROBE (Technical Quiz Open for All)	Open for All	By Anchors/Volunteers
2	JAVA LETS (Coding Competition in JAVA)	64x2 = 128 (64 teams)	Ms. Hemlata Soni
3	JUST C (Coding Competition in C)	289x1 = 289 (289 teams)	Mr. Amit Mithal
4	REVERSE ENGINEERING (Hardware Assembling)	113x2 = 226 (130 teams)	Mr. Mukesh Agrawal
5	B-PLAN (Business Planning)	16x4 = 64 (16 teams)	Ms. Geetika Gautam
6	SUBITO (App & Web Development)	34x2 = 68 (34 teams)	Ms. Ashima Tiwari
7	EMBRYO (Technical Paper Presentation)	48x2 = 96 (48 teams)	Dr. Bhavna Sharma
8	ENLIGHTENMENT (Meditation)	56x1 = 56 (56 teams)	Mr. Mukesh Agrawal

Table 2.1.2b: Details of Technical Event Participation by Students Year 2020-21, 2018-19

Department of Computer Science and Engineering

In-house Training Conducted By Industry Experts

Session 2020-21

S. No	Gap	Action taken	Expertise	Month-Date-Year	Attained POs	Attained PSOs
1.	Cloud GCP Console & AWS	Guest Lecture	Mr. Kalpit Singh	March 2 nd , 2021	PO1-5, PO9-12	PSO1, PSO2
2	Cyber Security	Guest Lecture	Dr. Varun Kapoor	Sept.2 nd , 2020	PO1-5, PO9-12	PSO1, PSO2
3.	Social Engineering	Guest Lecture	Mr. Shubham Gautam	June2 nd , 2021	PO1-5, PO9-12	PSO1, PSO2
4.	Essentials of Job Applications	Guest Lecture	Mr. Manoviraj Singh	May20 th , 2021	PO8, PO10, PO12	PSO1, PSO2
5.	Our Privacy Our Priority	Guest Lecture	Dr. Abhilasha Vyas	May19 th , 2021	PO1, PO12	PSO1, PSO2
6.	Apache Spark and How it Overcomes	Guest Lecture	Ms. Leena Sajnani	June5 th , 2021	PO1-5, PO9-12	PSO1, PSO2

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Session 2019-20

S. No	Gap	Action taken	Expertise	Month-Date-Year	Attained POs	Attained PSOs
1.	Data Science	Guest Lecture	Mr. Sourabh Taneja	March 4 th , 2020	PO1-5, PO9-12	PSO1, PSO2
2	Ethical Hacking	Guest Lecture	Mr. Abhishek Bharti	March 2 nd , 2020	PO1-5, PO9-12	PSO1, PSO2
3.	Salesforce	Guest Lecture	Mr. Athar Ahmad	March 2 nd , 2020	PO1-5, PO9-12	PSO1, PSO2
4.	Machine Learning with Data Science	Guest Lecture	Dr. Cherry Jain	Jan23 rd , 2020	PO8, PO10, PO12	PSO1, PSO2
5.	Cyber Security	Guest Lecture	Mr. Palash Verma	Sept.6 th , 2019	PO1, PO12	PSO1, PSO2
6.	Internet of Things	Guest Lecture	Mr. Furkhan Ali	Aug23 rd , 2019	PO1-5, PO9-12	PSO1, PSO2
7.	Python with Machine Learning	Guest Lecture	Mr. Siddhartha Singh	Aug22 nd , 2019	PO1-5, PO9-12	PSO1, PSO2

Session 2018-19

S. No	Gap	Action taken	Expertise	Month-Date-Year	Attained POs	Attained PSOs
1.	Data Science	Guest Lecture	Mr. Sourabh Taneja	Aug 3 rd , 2018	PO1-5, PO9-12	PSO1, PSO2
2	Ethical Hacking	Guest Lecture	Mr. Mithun Verma	Aug17 th , 2018	PO1-5, PO9-12	PSO1, PSO2
3.	Salesforce	Guest Lecture	Mr. Siddharth Singh	Jan30 th , 2019	PO1-5, PO9-12	PSO1, PSO2
4.	Machine Learning with Data Science	Guest Lecture	Mr. Athar Ahmad	July26 th , 2018	PO8, PO10, PO12	PSO1, PSO2

Table 2.1.2c: Details of In-house Training Conducted By Industry Experts

Department of Computer Science and Engineering

Industrial Visits:

Session 2019-20

S.NO	Industry Name	Faculty Coordinator	Date of Visit	No. of Students	Field of Industry	SPOC
1	Microtek, Chandigarh	Mr. Anoop K. Mehta, Ms. Priyanka Mitra	14-20th Feb 2020	26	Product Based	Anoop Mehta

Session 2018-19

S.NO	Industry Name	Faculty Coordinator	Date of Visit	No. of Students	Field of Industry	SPOC
1	BARC (Electron Beam Centre), Mumbai	Mr. Anoop K. Mehta	12-17th Oct 2018	11	Research Centre	Mr. R. Israel Bhaktsingh (Scientific Officer)
2.	Jaipur Metro Rail Corporation Ltd., Jaipur	Mr. Gajendra Sharma, Mr. Ashish Ameria	31/09/2018	150	Service	Mr. Pulkit Mathur (DGM S&T) Mr. Arun (Chief Controller OCC)

Table 2.1.2d: Details of Industrial visits

Details of Industrial Visits

1. Microtek, Chandigarh (2019-20)

Department of Computer Science and Engineering conducted industrial visit for students to Microtek International Pvt. Ltd. During Feb. 14th, 2020 to Feb. 20th, 2020. Microtek International Pvt. Ltd. is the country's Largest Power Products manufacturer having products like Line Interactive UPS, online UPS etc. Microtek has set up State-of-the-art automatic Manufacturing Plants equipped with Hi-Tech Machines. Some of them are SMT, ICT and Automatic Assembly Lines etc.

Microtek has set up modern In-house Comprehensive R&D, comprising of a team of highly qualified and experienced professionals. The R&D is fully equipped with the latest design software, development hardware with testing, and field condition simulation equipment. It

Department of Computer Science and Engineering

is one of the leading manufacturers of wires, inverters and other electrical appliances. It was altogether a productive workplace with lots of Power Electronics Products ranges Home UPS, Solar, Line-Interactive, Online UPS, Wires and Cables, Switchgear, E-Rickshaw Battery Chargers.

- Faculty Coordinator : Mr. Anoop K. Mehta, Ms. Priyanka Mitra
- Date of Visit : 14/02/2020-20/02/2020
- No. of Student : 26
- Field of Industry : Product Based

2. BARC (Electron Beam Centre), Mumbai (2018-19)

Department of Computer Science and Engineering conducted industrial visit for students to Bhabha Atomic Research Centre (BARC) during Oct 12th, 2018 to Oct 17th, 2018. BARC is India's premier nuclear facility headquartered in Trombay, Mumbai, Maharashtra. BARC is a multi-disciplinary research centre with extensive infrastructure for advanced research and development covering the entire spectrum of nuclear science, engineering and related areas.

BARC's core mandate is to sustain peaceful applications of nuclear energy, primarily for power generation. It manages all facts of nuclear power generation, from theoretical design of reactors to, computerised modelling and simulation, risk analysis, development and testing of new reactor fuel materials, etc. It also conducts research in spent fuel processing, and safe disposal of nuclear waste. Its other research focus areas are applications for isotopes in industries, medicine, agriculture, etc. BARC operates a number of research reactors across the country.

- Faculty Coordinator : Mr. Anoop K. Mehta
- Date of Visit : 12/10/2018-17/10/2018
- No. of Student : 11
- Field of Industry : Research Centre
- SPOC of JMRC : Mr. R. Israel Bhaktsingh (Scientific Officer)

3. Jaipur Metro Rail Corporation Ltd., Jaipur (2018-19)

Department of Computer Science and Engineering conducted industrial visit for students to Jaipur Metro Rail Corporation Ltd., Jaipur on January 2018. Jaipur Metro project is totally funded by the state government and its agencies, namely, Rajasthan Housing Board, Jaipur Development Authority, Rajasthan State Industrial Development and Investment Corporation Ltd. The Jaipur Metro uses cab signaling along with a centralized automatic train control system consisting of automatic train protection and automatic train signaling modules.

Department of Computer Science and Engineering

- Faculty Coordinator : Mr. Gajendra Sharma, Mr. Ashish Ameria
- Date of Visit : 09/07/2018-11/07/2018
- No. of Student : 150
- Field of Industry : Service
- SPOC of JMRC : Mr. Pulkit Mathur (DGM S&T)
Mr. Arun (Chief Controller OCC)



Figure 2.1.2b: Some Glimpses of Industrial Visit

Department of Computer Science and Engineering

2.2 Teaching - Learning Processes (100)

2.2.1. Describe Processes followed to improve equality of Teaching & Learning (25)

(Processes may include adherence to academic calendar and improving instruction methods using pedagogical initiatives such as real world examples, collaborative learning, quality of laboratory experience with regard to conducting experiments, recording observations, analysis of data etc. encouraging bright students, assisting weak students etc. The implementation details and impact analysis need to be documented)

Jaipur Engineering College and Research Centre (JECRC) is an institution which is affiliated to Rajasthan Technical University (RTU) and it follows the curriculum as provided by the University along with the additional activities which bridges gap between university syllabus and industries requirements.

Adherence to Academic Calendar

The course delivery and all curricular and extracurricular activities are conducted with strict adherence to the academic calendar provided by the university. The academic calendar work as source of information and as a planning document for faculty members and students of the department. The academic calendar of the department is prepared at the beginning of the session for planning and conductance of curricular and co-curricular activities. The allotment of subject is done in advance which helps the teaching staff to prepare well for the course plan, lecture plan and lecture notes.

Considering the global issues and diversity of the Indian geographical needs and requirements, the curriculum provided by the university is focused on various issues viz.:

- 1 Technical knowledge with respect to core discipline.
- 2 Development of knowledge to cater to the need of the economy, society, the country as a whole so as to contribute to the development of the nation.
- 3 Acceptance of stakeholders (students) at the global level.
- 4 Inculcating human values amongst the students.
- 5 Use of cutting-edge technologies etc.

The focus of the curriculum on the above-mentioned issues needs well-researched documents before it is delivered to the students and other stakeholders. Based on the discussions with the stakeholders and feedback received from the stakeholders, planning for the curriculum delivery is carried out based on the following:

1. Curriculum Delivery.
2. Content beyond syllabus.
3. Add-on/Certificate courses.
4. Cross-cutting issues related to professional ethics, human values, environment and



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sustainability.

5. Experiential learning through project work, internship, etc.

6. Extension and outreach program

The planning of curriculum delivery is shared with the departments through IQAC so that they may plan the activities as per the shared plan and include the min the academic calendar of the department.

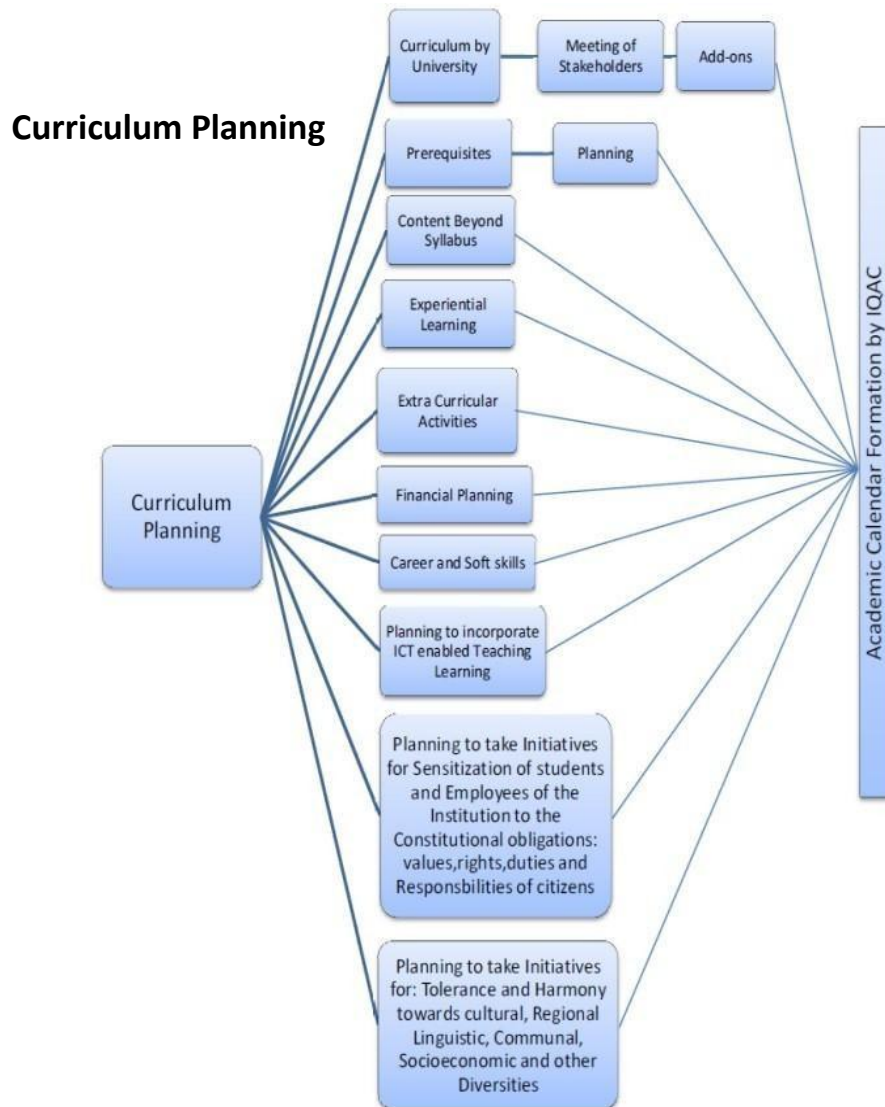


Fig- Curriculum Planning and design of Academic Calendar

Department of Computer Science and Engineering

Curriculum Planning: -Curriculum planning is done under the consideration of the following points,


1. **Curriculum by University:** - Institute follows the curriculum provided by the university in all programs.
2. **Prerequisites:** -Subject wise prerequisites are discussed and explained to students.
3. **Content beyond Syllabus:** -After the feedback received from different stakeholders the gap in the curriculum is identified and delivered by various means.
4. **Experiential Learning:** - Different activities are planned for students at the institute and department level to give the opportunity of learning by doing in addition to the RTU syllabus.
5. **Extra-Curricular Activities:** - Extra-curricular activities are planned by departments wherein the number of students is participating; it is planned in the academic calendar.
6. **Financial Planning:** - For various planned and unplanned activities, financial planning is carried out.
7. **Career and Soft skills:** - Training and placement department provides placement training to students for career building and placement activities.
8. **Planning to incorporate ICT (Information and Communication Technology) enabled Teaching-Learning:** -For innovation in teaching-learning, different ICT based software and hardware tools are planned to use.
9. **Planning to take Initiatives for:** Sensitization of students and Employees of the Institution to the Constitutional obligations: values, rights, duties, and responsibilities of citizens.
10. **Planning to take Initiatives for:** Tolerance and Harmony towards cultural, Regional, Linguistic, Communal, Socioeconomic and other Diversities.

On the basis of the above-listed considerations, DQAC (Department Quality Assurance Cell) finalized the academic calendar of the Department.

The academic calendars for the calendar year 2021 is detailed below:

Department of Computer Science and Engineering

Academic Calendar:

 Jaipur Engineering College and Research Center, Jaipur Department of Computer Science and Engineering Academic calendar July-Dec 2020-21		
Month & Year	Proposed Date	Proposed Event
July 2021	2/7/2021	Assignment to weak students on the basis of CO analysis and assignment of MTT-2 for all students
	2/7/2021-3/7/2021	Internal Practical Exam (VIII Sem)
	5/7/2021	Commencement of RTU Theory Exam VI sem
	10-14 /7/2021	Internal Practical Exam (VI Sem)
	16/7/2021	Submission of four set of question papers for MTT-2 (VI sem) with solution to examination cell
	22-26/7/2021	MTT-2 IV Sem
	28/7/2021	Last Date of Submission of MTT-2 Marks of VI Sem with CO analysis to the examination cell
	29/7/2021	Result Display (VI Sem)
	30/7/2021	Grievance Related to exam (VI Sem)
	31/7/2021	Last Working Day of IV Sem
Aug 2021	1/08/2021	Practical Training After VI Sem
	10/08/2021	Commencement of RTU Theory Exam IV Sem
	23/08/2021	Commencement of RTU Practical Exam IV Sem
Sep 2021	1/09/2021	Departmental Meeting regarding to Semester Planning
	5/09/2021	Teachers Day
	7/09/2021	Submission of Course plan/Lecture plan for III Semester
	8/09/2021	Submission of Course plan/Lecture plan for V and VII Semester
	8/09/2021	Literacy Day
	14/09/2021	Hindi Day
	15/09/2021	Engineer's Day Celebration
	20/09/2021	Commencement of Classes III – Semester
	20/09/2021	Commencement of Classes V and VII – Semester
	22/09/2021	Mentor's Meeting with Students All Semester
	22/09/2021	Minor Project Allotment VII sem

Department of Computer Science and Engineering

Oct 2021	30/09/2021	Workshop For V sem and III sem
	1/10/2021	Meeting of HoD with faculty members/technical staff members
	1/10/2021	Submission of Four set of question papers for MTT-1 (VII Sem) with solution to examination cell
	2/10/2021	Gandhi Jayanti
	3/10/2021	Guest Lecture
	4/10/2021	MTT-1(VIISEM)
	5/10/2021	Attendance Summary, Prepare List of short attendance students
	6/10/2021	Meeting of CCs With HoD
	9/10/2021	Last date of submission of MTT-1 (V11 Sem)marks with CO analysis to the examination cell
	11/10/2021	Result Display MTT-1 (VII Sem)
	12/10/2021	Grievance related to MTT-1 exam(V11Sem)
	12/10/2021	Assignment to weak students on the basis of CO analysis and assignment 1 for all students
	17/10/2021	Mentor's Meeting with Students All Semester
	21/10/2021	Submission of two set of question papers for MTT-1 (V Sem) with solution to examination cell
	25/10/2021	MTT-1 (V SEM)
	30/10/21	Last date of submission of MTT-1 (V Sem)marks with CO analysis to the examination cell
	30/10/21	Result Display(III Sem)
	30/10/21	Grievance related to exam MTT-1 (V Sem)
	25/10/2021	Submission of two set of question papers for MTT-1 (IISem) with solution to examination cell
	28/10/2021	MTT-1 (III SEM)
30/10/2021	Last date of submission of MTT-1 (IIISem)marks with CO analysis to the examination cell	
1/10/2021	Result Display(III Sem)	
1/10/2021	Grievance related to exam MTT-1 (IIISem)	
Nov 2021	10/11/2021	Submission of two set of question papers for MTT-2 (VII Sem)with solution to examination cell
	15/11/2021	MTT-II (VII SEM)
	22/11/2021	Last date of submission of MTT-2(VII Sem)marks with CO analysis to the examination cell
	23/11/2021	Result Display(VIISem)
	23/11/2021	Grievance related to MTT-2 exam(VIISem)
	25/11/2021	Submission of two set of question papers for MTT-2 (V sem)with solution to examination cell
	29/11/2021	MTT-II(V SEM)

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Dec2021	4/12/2021	Last date of submission of MTT-2(V Sem)marks with CO analysis to the examination cell
	4/12/2021	Result Display(V Sem)
	4/12/2021	Grievance related to MTT-2 exam(V Sem)
	6/12/2021	Submission of two set of question papers for MTT-2 (III Sem)with solution to examination cell
	8/12/2021	MTT-II (III SEM)
	13/12/2021	Last date of submission of MTT-2 (III Sem)marks with CO analysis to the examination cell
	13/12/2021	Result Display MTT-2(IIISem)
	13/12/2021	Grievance related to MTT-2 exam(IIISem)
	15/12/2021	Last Working day VIII SEM
	24/12/2021	Last Working day V SEM

Pedagogical Initiatives

For effective learning and long-lasting acquisition of skills and knowledge, different teaching methodologies are instructed to the instructors of the department.

(a) Active Learning

For making students focused during lecture so that their attention do not drift, promotion of active learning is very important. Following methods are followed to maintain attention of students:

Memorizing Prior Material: Students are given with the initial minutes to memorize key points about previous lecture.

Response to questions: Students are asked with questions to develop interactive environment in the lecture and to keep them active throughout the session.

Summarizing Lecture: Students are provided with last few minutes to summarize the key points to conclude the lecture.

(b) Assessment of quality of Teaching & Learning:

The department takes feedback form from students at the end of the course for evaluation of teaching quality. Student remarks and opinions are included in the assessment plan for improvement of learning outcomes. The faculty members defines action plan and implement it. Then the results are assessed for modification of the plan to move closer to the required outcomes.

(c) Mentoring System:

The mentors are allotted for the students to monitor their academic progress and attendance of the student. The mentors regularly council the students for conduct, discipline and ethical matters.



Department of Computer Science and Engineering

For carrying out pedagogical initiatives, following methodologies are followed:

- **Real World Examples:** For simulation of critical thinking real world examples which includes inter disciplinary approaches are discussed for problem solving. Real world problems help the students to think more analytically.
- **Code Contest:** Various coding competitions are organized in the department under the coding club, student chapter, hackathons, botathons etc.
- **Lectures:** Faculty of the CSE Department effectively teach students about a concerned subject. Faculty conveys significant information, history, background, theories, analogies and equations to make the concepts clear.
- **Tutorials:** Faculty helps the slow learners by solving more number of similar problems. Any specific problem is also entertained by Faculty Members.
- **Presentations:** Faculty members also provide PPT and Videos related to course. Videos effectively communicate the working of actual engineering solutions-long learning in the appropriate societal context.
- **Expert Lecture:** Department of Computer Science and Engineering invites industry experts for delivering the lecture/talk based on content of latest technology used in industry.
- **Experimental Laboratory Work:** Laboratory work demonstrates how theory can be verified by experiments through interpretation of results.
- **Hand-outs:** Gives a quick insight to the course. It helps the slow learners to face the exams with confidence.
- **Feedback on Teaching:** During semester HOD takes feedback from students on random basis. At the end of the semester concerned faculty members also takes feedback from students.
- **Group Tasks:** Through group task the concepts of engineering that the student has understood in the course is showcased. This helps to do work in groups effectively.
- **FDP/Conference/Workshop:** Faculty members take knowledge about the latest technology and deliver the same to students.
- **E-Book/Digital Library/Video Lectures:** The facility of (multi Media) Digital Library is available where all interested students & faculty members may read e-books and e-journals which are available on NPTEL, expert lectures on you tube.
- **Center of Excellence:** under Centre of excellence different MOU's was done with industries to emphasize on Internship, Project, Workshop for Students and Industrial Visits, Students specific Training. These are Indo Vision Services Pvt. Ltd., Sak Robotic Lab, Infosys Campus Connect, AICTE-Youth4Work, Wadhvani Foundation, CADD Centre, Forsk Technologies, Red Hat Technologies, Salesforce Technologies Ltd, and Sambhodhi Tech Solutions, Cyberops, Siemens Ltd.

Department of Computer Science and Engineering

Quality of classroom teaching:

The faculty members of CSE department use ICT enabled tools for improving the quality of teaching. Every faculty member has uploaded their video recording of experiments and course material and notes of theory subjects on website www.jecrcfoundation.com under Student's corner. This innovative practice has helped students to access course material anytime. The institute has also signed MoU for accessing virtual lab tools of IIT Kanpur. This has helped students to utilize virtual lab platform for conductance of lab experiments. Besides this various subjects curriculum are mapped with MOOC lectures of Coursera, Udemy, NPTEL and Swayam Prabha portal lectures which is referred by faculty members to enhance quality education. The faculty members encourage students to take these courses depending on their area of interest and guide them during course completion. Another tool called MYTAT is used to provide add on courses to students, also it provides internship opportunities with more than 500 industries. This helps students for industry oriented preparation. Besides all the teaching during the classroom focus on following for imparting outcome based education:

- 1. Content beyond Syllabus:** -After the feedback received from different stakeholders the gap in the curriculum is identified and delivered by various means.
- 2. Experiential Learning:** Different activities are planned for students at the institute and department level to give the opportunity of learning by doing in addition to the RTU syllabus.
- 3. Extra-Curricular Activities:** - Extra-curricular activities are planned by departments wherein the number of students is participating; it is planned in the academic calendar.
- 4. Financial Planning:-** For various planned and unplanned activities, financial planning is carried out.
- 5. Career and Softskills:-** Training and placement department provides placement training to students for career building and placement activities.
- 6. Planning to incorporate ICT (Information and Communication Technology) enabled Teaching-Learning:-**For innovation in teaching-learning, different ICT based software and hardware tools are planned to use.
- 7. Planning to take Initiatives for:** Sensitization of students and Employees of the Institution to the Constitutional obligations: values, rights, duties, and responsibilities of citizens.
- 8. Planning to take Initiatives for:** Tolerance and Harmony towards cultural, Regional, Linguistic, Communal, Socioeconomic and other Diversities.

Methodologies to support weak students and encourage strong students



Department of Computer Science and Engineering

CSE Department encourage strong students and help weak students by guiding them. The students scoring less than 60% are considered as weak students and those scoring above 60% are considered as strong students. The weak students are monitored through attendance and their class performance. The students are given extra classes and assignments for their improvement. Individual attention is given by the mentors for providing motivation and counselling to weak students. The deviations from studies of weak students are observed by the respective class coordinators and mentors and corrective actions are suggested.

The strong students on the other hand are provided with the additional encouragement to attend workshops, conferences and seminars. They are further motivated for technical paper presentations and research paper publications to take up innovative projects. They are provided with additional quality references and are encouraged by faculty members to achieve university ranks and take up competitive examinations like GATE, GRE etc.

Feedback is taken by the students to ensure the achievement of objectives of the course outcome, program outcome and program specific outcomes. It also helps to monitor weak students as well as strong students.

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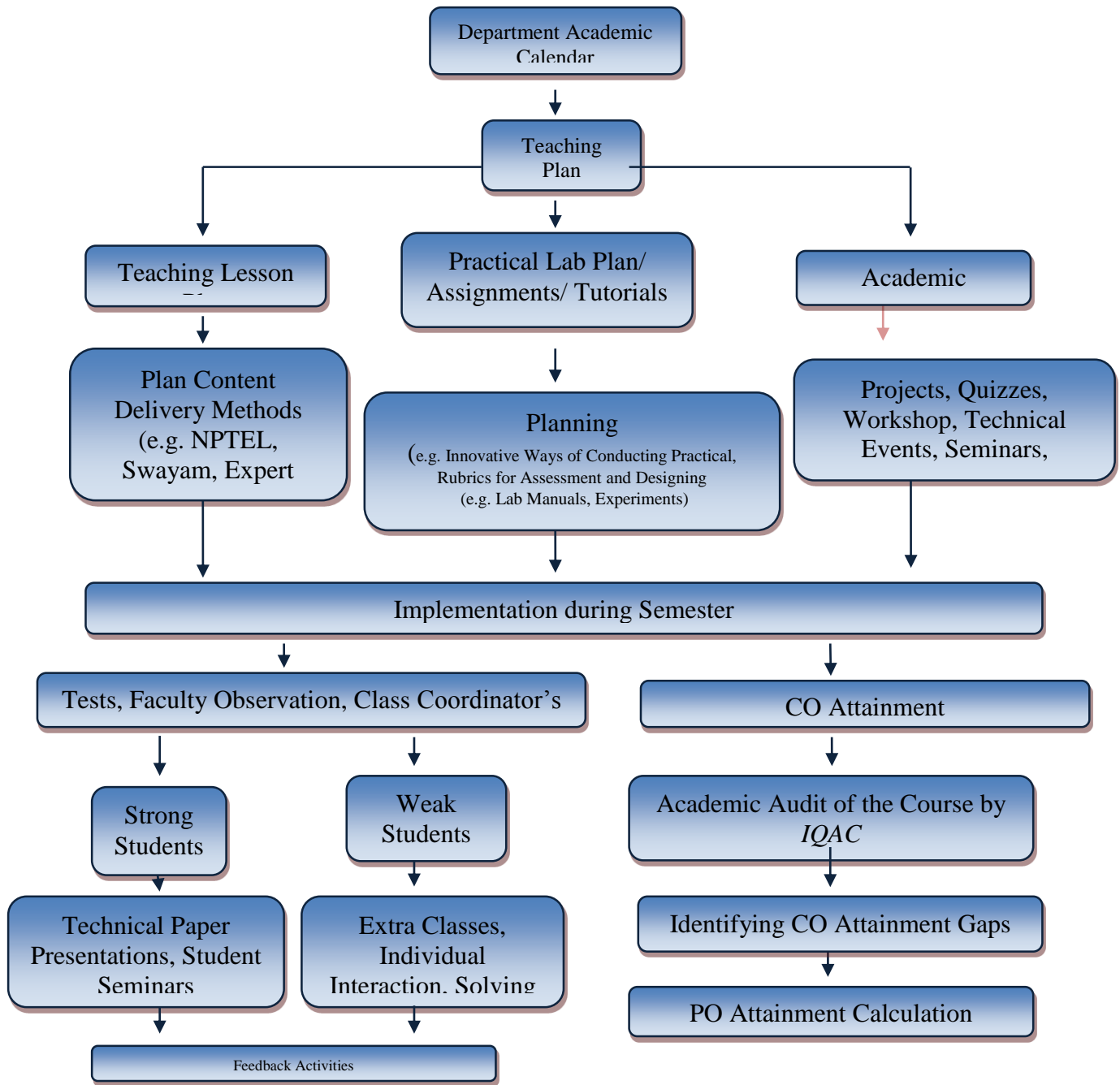


Figure 2.2.1a: Process to Improve Quality of Teaching

Implementation Details:



Department of Computer Science and Engineering

- **Departmental Academic Calendar:** It includes learning and assessment plans according to RTU standards, alluding Academic Calendar published on the college's site.
- **Various Modes of Lecture Delivery:** It includes recalling prior related topics, generating questions, responding to generated queries, focusing on analytical and creative thinking, problem solving, providing notes etc.
- **Lab Work:** In labs, the delivery to the students is performed with the help of latest software. Lab records are maintained by the students and checked in each lab.
- **Online Teaching Materials:** Faculty provides EBooks, video lecture material to enhance the capability of students to not only understand the context but also its practical approaches.
- **Student Evaluation:** It includes seminars conducted pertaining to each subject, Oral Questionnaire and Query Session in each lecture, Unit Tests and Assignments after the completion of each unit in respective subjects
- **Learning Program outcomes** are a unit obligatory for final and pre-final year students. Students build their minor and major comes below the direction of their several Guide colleges.
- **Invited Talks, Workshops and seminars** on the latest trends in technology are done from the industry person.
- **Technical Club:** Code Worriers Club for improving programming and algorithmic skills of the students.
- **Industrial Visits** organized on yearly basis. Students undergoes for 60 days Industrial training after 3rd year.
- **One to One discussion interaction** between Faculty Members and students.
- All the faculties are requested to maintain **attendance registers, course files, teacher's diary.**
- Department organizes many events for enhancing group learning, communication, professional ethics etc.

Impact Analysis:

Feedback and Exit Survey Collected for all courses and valuable areas are identified for enhancing student learning and improvements in the system. Corrective actions are taken by Head of Department based on the analysis of the feedback.

Details of Faculty Development Program

To improve the quality of Teaching & Learning the department of Computer Science and Engineering organizes various activities like workshops, FDPs and other programs which have to minimize the gap identified. The details of FDP are mentioned below:

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S.No	Name of Faculty	Designation	FDP	Organizer	Sponsoring Agency	Date	Year
1.	Richa Sharma	Assistant Professor	Artificial Intelligence	IMCC	ATAL Academy	2/11/2020 - 6/11/2020	2020
			Data & Life Sciences	BIT, Bangalore		10/08/20 - 14/08/20	2020
			Thought Management & Leadership	JECRC, Jaipur	RTU TEQIP-II	28/09/20 - 30/09/20	2020
			Data Analytic Techniques for Research & Innovation & their advancements	VIT, Jaipur		29/08/2020- 02/09/2020	2020
2	Manju Vyas	Assistant Professor	Statistical Learning-Based Internet of Things	Anand International College of Engineering, Jaipur	RTU TEQIP-II	10/3/2021 -14/03/2021	2021
			Applications of Mathematical Modelling in Science and Engineering	Vivekananda Institute of Technology, Jaipur	RTU TEQIP-II	25/07/2020 - 27/07/2020	2020
			Database Management System through	Infosys Limited		22/7/2020 - 24/7/2020	2020

Department of Computer Science and Engineering

			INFYTQ Platform				
3	Anima Sharma	Assistant Professor	Artificial Intelligence	IMCC	ATAL Academy	2/11/2020 - 6/11/2020	2020
			Data & Life Sciences	BIT, Bangalore		10/08/20 - 14/08/20	2020
4.	Rajan Jha	Assistant Professor	Quantum Computing	JECRC, Jaipur	RTU TEQIP-III	2/3/2021 - 6/3/2021	2021
			Recent Trends in Circuits and Communication	JECRC, Jaipur	RTU TEQIP-III	19/2/2021 - 23/2/2021	2021
5.	Tanya Shruti	Assistant Professor	Quantum Computing	JECRC, Jaipur	RTU TEQIP-III	2/3/2021 - 6/3/2021	2021
6.	Abhish ek Jain	Assistant Professor	Universal Human Values	NIT Patna	NIT Patna	23/11/2020- 27/11/2020	2020
			Trends and Application in Machine Learning and Deep Learning	Poornima College of Engineering, Jaipur	TEQIP-III sponsored RTU	4/9/2020 - 5/9/2020	2020
			Cyber Security and Cyber Forensics	Poornima College of Engineering, Jaipur	TEQIP-III sponsored RTU	21/9/2020 - 25/9/2020	2020
			Data Analytic Techniques for Research & Innovation & their Advancements	Vivekananda Institute of Technology, Jaipur	TEQIP-III sponsored RTU	29/8/2020 - 2/9/2020	2020

Department of Computer Science and Engineering

			Artificial Intelligence and Machine Learning Using Python	Anand International College of Engineering	TEQIP-III sponsored RTU	10/9/2020 - 12/9/2020	2020
			Thought Management & Leadership	JECRC, Jaipur	RTU TEQIP-II	28/09/2020 - 30/09/2020	2020
			Recent Advancement in Machine Learning and Artificial Intelligence	Poornima College of Engineering, Jaipur	TEQIP-III sponsored RTU	16/3/2021 - 21/3/2021	2021
			Artificial Intelligence and Machine Learning Using Python	Anand International College of Engineering	TEQIP-III sponsored RTU	10/9/2020 - 12/9/2020	2020
7.	B. Umamaheswari	Assistant Professor	Quantum Computing	JECRC, Jaipur	RTU TEQIP-III	2/3/2021 - 6/3/2021	2021
8.	Dr. Vijeta Kumawat	Associate Professor	Quantum Computing	JECRC, Jaipur	RTU TEQIP-III	2/3/2022 - 6/3/2022	2021
			Entrepreneurial Mentoring Skills	JECRC Jaipur	RTU TEQIP-III	21/9/2020 - 26/9/2020	2020
			Inculcating Universal Human Values in Technical Education	JECRC Jaipur	AICTE	26/4/2021 - 30/4/2021	2021
			Applications of Mathematical	Vivekananda Institute of	RTU TEQIP-II	25/07/2020 - 27/07/2020	2020

Department of Computer Science and Engineering

			Modelling in Science and Engineering	Technology, Jaipur			
9.	Neha Solanki	Assistant Professor	Quantum Computing	JECRC, Jaipur	RTU TEQIP-III	2/3/2021 - 6/3/2021	2021
			Linux	E & ICT Academy, IIT Kanpur		4/1/2021 - 9/1/2021	2021
			Outcome Based Education	JECRC, Jaipur	Inpods India Pvt. Ltd	19/8/2020 - 21/8/2020	2020
			Image Processing Techniques for Real word Applications	Arya Institute of Engineering Technology & Management, Jaipur (Raj.) India.	RTU TEQIP-III	8/8/2020 - 12/8/2020	2020
10.	Dr. Nilam Choudhary	Associate Professor	Universal Human Values	AICTE		8/2/2021 - 12/2/2021	2021
			Quantum Computing	JECRC, Jaipur	RTU TEQIP-III	2/3/2021 - 6/3/2021	2021
			Artificial Intelligence and its Applications	Arya Institute of Engineering Technology & Management, Jaipur (Raj.) India.	RTU TEQIP-III	26/12/2020 - 30/12/2020	2020
			Entrepreneurial Mentoring Skills	JECRC Jaipur	RTU TEQIP-III	21/9/2020 - 26/9/2020	2020

Department of Computer Science and Engineering

11.	Sachin Gupta	Assistant Professor	Cyber Security and Cyber Forensics	Poornima College of Engineering	RTU TEQIP-III	21/09/2020 - 25/09/2020	2020
			Data Analytic Techniques for Research & Innovation & their Advancements	VIT, Jaipur	RTU TEQIP-III	29/08/2020 - 2/09/2020	2020
			Artificial Intelligence and Machine Learning using Python	Anand International College of Engineering	RTU TEQIP-III	10/09/2020 - 12/09/2020	2020
			Outcome Based Education	JECRC, Jaipur	Inpods India Pvt. Ltd	19/8/2020 - 21/8/2020	2020
			Quantum Computing	JECRC, Jaipur	RTU TEQIP-III	02/03/2021 - 06/03/2021	2021
12.	Ashish Ameria	Assistant Professor	Data Analytic Techniques for Research & Innovation & their Advancements	VIT, Jaipur	RTU TEQIP-III	29/08/2020 - 2/09/2020	2020
			Artificial Intelligence and Machine Learning using Python	Anand International College of Engineering	RTU TEQIP-III	10/09/2020 - 12/09/2020	2020
			Outcome Based Education	JECRC, Jaipur	Inpods India Pvt. Ltd	19/8/2020 - 21/8/2020	2020

Department of Computer Science and Engineering

			Quantum Computing	JECRC, Jaipur	RTU TEQIP-III	02/03/2021 - 06/03/2021	2021
13.	Kanishk Jain	Assistant Professor	Artificial Intelligence and Machine Learning using Python	Anand International College of Engineering	RTU TEQIP-III	10/09/2020 -12/09/2020	2020
			Quantum Computing	JECRC, Jaipur	RTU TEQIP-III	02/03/2021 - 06/03/2021	2021
14.	Geerija Lavani	Assistant Professor	Recent Advancement in Machine Learning and Artificial Intelligence	Poornima College of Engineering, Jaipur	TEQIP-III sponsored RTU	16/3/2021 - 21/3/2021	2021
			Artificial Intelligence and its Applications	Arya Institute of Engineering Technology & Management, Jaipur (Raj.) India.	RTU TEQIP-III	26/12/2020- 30/12/2020	2020
			Recent Trends in Circuits and Communication	JECRC, Jaipur	RTU TEQIP-III	19/2/2021 - 23/2/2021	2021
			Entrepreneurial Mentoring Skill	JECRC, Jaipur	TEQIP-III sponsored RTU	21/9/2020 - 26/9/2020	2020
14.		Assistant Professor	Data Analytic Techniques For Research &	Vivekananda Institute of Technology, Jaipur	TEQIP-III FDP RTU	29/08/2020 - 02/09/2020	2020

Department of Computer Science and Engineering

	Pradeep Kr. Sharma		Innovation & Their Advancements				
			Outcome Based Education	JECRC, Jaipur	Inpods India Pvt. Ltd	19/8/2020 - 21/8/2020	2020
			Quantum Computing	JECRC, Jaipur	RTU TEQIP-III	2/3/2021 - 6/3/2021	2021
15.	Suniti Chouhan	Assistant Professor	Quantum Computing	JECRC, Jaipur	RTU TEQIP-III	2/3/2021 - 6/3/2021	2021
16.	Anoop Kumar Mehta	Assistant Professor	Outcome Based Education	JECRC, Jaipur	Inpods India Pvt. Ltd	19/8/2020 - 21/8/2020	2020
			Quantum Computing	JECRC, Jaipur	RTU TEQIP-III	02/03/2021 - 06/03/2021	2021
17.	Abhishhek Dixit	Assistant Professor	Outcome Based Education	JECRC, Jaipur	Inpods India Pvt. Ltd	19/8/2020 - 21/8/2020	2020
			Quantum Computing	JECRC, Jaipur	RTU TEQIP-III	02/03/2021 - 06/03/2021	2021
			Recent Trends in Circuits and Communication	JECRC, Jaipur	RTU TEQIP-III	19/2/2021 - 23/2/2021	2021
			Trends and Application in Machine Learning and Deep Learning	Poornima College of Engineering, Jaipur	TEQIP-III sponsored RTU	4/9/2020 - 5/9/2020	2020
18.	Amit Mithal	Assistant Professor	Quantum Computing	RTU, Kota and JECRC, Jaipur	TEQIP-III	02/03/2021 - 06/03/2021	2021
			Outcomes Based Education	JECRC, Jaipur	Inpods India Pvt. Ltd	19/8/2020 - 21/8/2020	2020

Department of Computer Science and Engineering

			Entrepreneurial Mentoring Skills	RTU, Kota and JECRC, Jaipur	RTU (ATU) - TEQIP-III	21/9/2020 - 26/9/2020	2020
			Thought Management and Leadership	RTU, Kota and JECRC, Jaipur	RTU (ATU) - TEQIP-III	28/9/2020 - 30/9/2020	2020
19.	Neeraj Prakash Shrivastava	Assistant Professor	Quantum Computing	JECRC, Jaipur	RTU TEQIP-III	2/3/2021 - 6/3/2021	2021
			Python	E&ICT IIT Kanpur	IIT Kanpur	1/3/2021 - 6/3/2021	2021
			Project Management	E&ICT IIT Kanpur	IIT Kanpur	8/3/2021 - 13/3/2021	2021
20.	Gajendra Sharma	Assistant Professor	Quantum Computing	JECRC, Jaipur	TEQIP-III	2-3-2021-6-3-2021	2021
			Application of Machine Learning and data science in emerging Technology	Regional College of Education, Research Technology, Jaipur	TEQIP-III	15/12/2020 - 19/12/2020	2020
			Entrepreneurial mentoring skills	JECRC, Jaipur	RTU (TEQIP-III)	21/9/2020 - 26/9/2020	2020
21.	Anju Rajput	Assistant Professor	Nanotechnology Based Green Energy Solution For Solar Cells	SKIT, Jaipur	RTU TEQIP-III	10/9/2020 – 14/9/2020	2020
			Emerging Trends in Organic Electronics	SKIT, Jaipur	RTU TEQIP-III	27/7/20 - 29/7/20	2020
			Outcomes Based Education	JECRC, Jaipur	Inpods India Pvt. Ltd	19/8/2020 - 21/8/2020	2020

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			Universal Human Value	AICTE	AICTE	19/10/2020 - 23/10/2020	2020
22.	Avani Sharma	Assistant Professor	Quantum Computing	JECRC, Jaipur	RTU TEQIP-III	2/3/2021 - 6/3/2021	2021
			Outcome Based Education	JECRC, Jaipur	Inpods India Pvt. Ltd	19/8/2020 - 21/8/2020	2020
23.	Garima Garg	Assistant Professor	Quantum Computing	JECRC, Jaipur	RTU TEQIP-III	2/3/2021 - 6/3/2021	2021
			Natural Language Processing using Python	JECRC, Jaipur	RTU TEQIP-III	1/09/2020- 5/09/2020	2020
24.	Priyanka Mitra	Assistant Professor	Quantum Computing	JECRC, Jaipur	RTU TEQIP-III	2/3/2021 - 6/3/2021	2021
25.	Sweety Singhal	Assistant Professor	Quantum Computing	JECRC, Jaipur	RTU TEQIP-III	2/3/2021 - 6/3/2021	2021
			Outcome Based Education	JECRC, Jaipur	Inpods India Pvt. Ltd	19/8/2020 - 21/8/2020	2020
26.	Pratibha	Assistant Professor	Machine Learning & Data Science	Arya Institute of Engineering and Technology, Jaipur	RTU TEQIP-III	14/12/2020 - 18/12/2020	2020
			Modern Teaching Evaluation and Research Methods	Vinayak Rao Patil Mahavidyalaya, Jaipur		02/06/2020- 07/06/2020	2020
			Quantum Computing	JECRC, Jaipur	RTU TEQIP-III	02/03/2021 - 06/03/2021	2021
27.		Assistant Professor	Quantum Computing	JECRC, Jaipur	RTU TEQIP-III	02/03/2021 - 06/03/2021	2021

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	Priya Jyotiana		Data Science	E & ICT Academy IIT Kanpur		15/03/2021-26/03/2021	2021
			Cyber Security	E & ICT Academy IIT Kanpur		3/05/2021 - 8/05/2021	2021
			Cloud Computing	E & ICT Academy IIT Kanpur		10/05/2021-15/05/2021	2021
28.	Yogita Punjabi	Assistant Professor	Outcomes Based Education	JECRC, Jaipur	Inpods India Pvt. Ltd	19/8/2020 to 21/8/2020	2020
			Data Analytic Techniques for Research & Innovation & their Advancements	Vivekananda Institute of Technology, Jaipur	TEQIP-III sponsored RTU	29/8/2020 - 2/9/2020	2020
			Trends and Application in Machine Learning and Deep Learning	Poornima College of Engineering, Jaipur	TEQIP-III sponsored RTU	4/9/2020 - 5/9/2020	2020
			Stress & Anger Management	JECRC, Jaipur	RTU TEQIP-III	15/12/2020-19/12/2020	2020
			Machine Learning	E & ICT Academy IIT Kanpur		11/1/2021-23/1/2021	2021
			Quantum Computing	JECRC, Jaipur	RTU TEQIP-III	02/03/2021 -06/03/2021	2021
29.	Punita Panwar	Assistant Professor	Quantum Computing	JECRC, Jaipur	RTU TEQIP-III	02/03/2021 -06/03/2021	2021
30.		Assistant	Recent Advancements	Poornima College of	RTU TEQIP-III	16/3/2021 -	2021

Department of Computer Science and Engineering

	Abhilasha	Professor	nt in Machine Learning and Artificial Intelligence	Engineerin g, Jaipur		21/3/2021	
			Quantum Computing	JECRC, Jaipur	RTU TEQIP-III	02/03/2021 -06/03/2021	2021
			Recent Trends in Circuits and Communication	JECRC, Jaipur	RTU TEQIP-III	19/2/2021 - 23/2/2021	2021
			Recent Advances in Material Characterization Techniques	Vivekananda Institute of Technology, Jaipur	RTU TEQIP-III	15/2/2021 - 19/2/2021	2021
31.	Tripti Dua	Assistant Professor	Universal Human Values	AICTE		8/2/2021 - 12/2/2021	2021
			Outcomes Based Education	JECRC, Jaipur	Inpods India Pvt. Ltd	19/8/2020 - 21/8/2020	2020
			Emerging Trends in Organic Electronics	SKIT, Jaipur	RTU TEQIP-III	27/7/20 - 29/7/20	2021
			Mathematical Modelling and Simulation of Dynamic Systems related to Cyber Defense	Manipal University , Jaipur	ATAL	7/6/21 - 11/6/21	2021

Department of Computer Science and Engineering

Session 2019-20

S.No	Name of Faculty	Designation	FDP	Organizer	Sponsoring Agency	Date	Year
1.	Dr. Sanjay Gour	Professor	Digital Marketing	CAD DESK, Jaipur	CAD DESK, Jaipur	17/12/2019 - 20/12/2019	2019
			IOT in Manufacturing	JECRC, Jaipur	NITTTR Chandigarh	6/1/2020 - 10/1/2020	2020
2.	Dr. Vijeta Kumawat	Associate Professor	Java	Singhad Academy of Engineering	IIT Bombay	4/5/2020 - 15/5/2020	2020
			Python and Fuzzy System	JSPM Narhe Technical Campus, Pune		18/5/2020 - 23/5/2020	2020
			Latex	Poornima University	Spoken Tutorial, IIT Bombay	4/5/2020 - 8/5/2020	2020
3.	Dr. Nilam	Associate Professor	Java	Singhad Academy of Engineering	IIT Bombay	4/5/2020 - 15/5/2020	2020
			Python 3.4.3	RCPET Institute of Management Research and	Spoken Tutorial, IIT Bombay	21/4/2020 - 26/4/2020	2020

Department of Computer Science and Engineering

	Choudhary			Development, Shirpur			
			Latex	Poornima University	Spoken Tutorial, IIT Bombay	4/5/2020 - 8/5/2020	2020
			R Programming	School of IT IMS Noida		25/5/2020 - 29/5/2020	2020
			Interdisciplinary Outlook in Engineering Sciences	VIT, Jaipur	TEQIP-III	26/9/2019 - 28/9/2019	2019
4.	Manju Vyas	Assistant Professor	Foundation Program on Programming Fundamentals & Object Oriented Concepts using Python	Infosys		22/6/2020 - 29/6/2020	2020
			Machine Learning & Deep Learning	Forsk Coding School		10/2/2020 - 19/2/2020	2020
5.	Richa Sharma	Assistant Professor	Machine Learning & Deep Learning	Forsk Coding School		10/2/2020 - 19/2/2020	2020
			Use of Matlab in Technical Education	Regional Engineering College	TEQIP-III	27/9/2019 - 28/9/2019	2019
6.		Assistant Professor	Machine Learning & Deep Learning	Forsk Coding School		10/2/2020 -	2020

Department of Computer Science and Engineering

	Anima Sharma					19/2/2020	
			Use of Matlab in Technical Education	Regional Engineering College	TEQIP-III	27/9/2019 - 28/9/2019	2019
			Data Science and specialization with Big Data	REGEX		22/6/2020 - 27/6/2020	2020
			Python and Emerging Trends in Machine Learning	Forsk Coding School		2/6/2020 - 6/6/2020	2020
7.	Rajan Jha	Assistant Professor	Java	Singhad Academy of Engineering	IIT Bombay	4/5/2020 - 15/5/2020	2020
			Python 3.4.3	RCPET Institute of Management Research and Development, Shirpur	Spoken Tutorial, IIT Bombay	21/4/2020 - 26/4/2020	2020
			Latex	Poornima University	Spoken Tutorial, IIT Bombay	4/5/2020 - 8/5/2020	2020
			Cloud Computing using AWS	Trinity College of Engineering & Resaerch		3/6/2020 - 7/6/2020	2020

Department of Computer Science and Engineering

8.	Ashish Ameria	Assistant Professor	Use of Matlab in Technical Education	Regional Engineering College	TEQIP-III	27/9/2019 - 28/9/2019	2019
9.	Amit Mithal	Assistant Professor	IOT in Manufacturing	JECRC, Jaipur	NITTTR Chandigarh	6/1/2020 - 10/1/2020	2020
			Student Evaluation (Module III: IPD)	JECRC, Jaipur	NITTTR Chandigarh	3/2/2020 - 7/2/2020	2020
			Python	Spoken Tutorial Project, IIT Bombay	National Mission on Education through ICT, MHRD, Govt. of India	29/5/2020 - 2/6/2020	2020
10.	Anoop Kr. Mehta	Assistant Professor	Digital Marketing	Grass Solutions		6/10/2019	2019
11.	Priyanka Mitra	Assistant Professor	Usage of Technology in Covid-19	Terna Engineering College, Navi Mumbai		28/5/2020 - 2/6/2020	2020
			Python and Emerging Trends in Machine Learning	Forsk Coding School		2/6/2020 - 6/6/2020	2020
			Cloud Computing using AWS	Trinity College of Engineering & Resaerch		3/6/2020 - 7/6/2020	2020
12.		Assistant Professor	Java	Singhad Academy of Engineering	IIT Bombay	4/5/2020 - 15/5/2020	2020

Department of Computer Science and Engineering

	B. Umamaheswari		Python 3.4.3	RCPET Institute of Management Research and Development, Shirpur	Spoken Tutorial, IIT Bombay	21/4/2020 - 26/4/2020	2020
			Latex	Poornima University	Spoken Tutorial, IIT Bombay	4/5/2020 - 8/5/2020	2020
			R Programming	School of IT IMS Noida		25/5/2020 - 29/5/2020	2020
13.	Geerija Lavania	Assistant Professor	Latex	Poornima University	Spoken Tutorial, IIT Bombay	4/5/2020 - 8/5/2020	2020
			Use of Matlab in Technical Education	Regional Engineering College	TEQIP-III	27/9/2019 - 28/9/2019	2019
			R Programming	School of IT IMS Noida		25/5/2020 - 29/5/2020	2020
			Machine Learning & Deep Learning	Forsk Coding School		10/2/2020 - 19/2/2020	2020
14.		Assistant Professor	Data Science and specialization with Big Data	REGEX		22/6/2020 - 27/6/2020	2020

Department of Computer Science and Engineering

	Abhishek Jain		Digital Marketing	Grass Solutions		6/10/2019	2019
			Interdisciplinary Outlook in Engineering Sciences	VIT, Jaipur	TEQIP-III	26/9/2019 - 28/9/2019	2019
15.	Tanya Shruti	Assistant Professor	Latex	Poornima University	Spoken Tutorial, IIT Bombay	4/5/2020 - 8/5/2020	2020
			Java Programming	Anantrao Pawar College of Engineering & Research, Pune	IIT Bombay	26/5/2020 - 30/5/2020	2020
			Cloud Computing using AWS	Trinity College of Engineering & Research		3/6/2020 - 7/6/2020	2020
			Python and Emerging Trends in Machine Learning	Forsk Coding School		2/6/2020 - 6/6/2020	2020
			Machine Learning & Deep Learning	Forsk Coding School		10/2/2020 - 19/2/2020	2020
			Python Programming Concepts	Forsk Coding School		9/12/2019 - 13/12/2019	2019
			Cloud Computing using AWS	Trinity College of		3/6/2020 - 7/6/2020	2020
16.		Assistant	Cloud Computing using AWS	Trinity College of		3/6/2020 - 7/6/2020	2020

Department of Computer Science and Engineering

		Professor		Engineering & Research				
	Suniti Chouhan		Java Programming	Anantrao Pawar College of Engineering & Research, Pune	IIT Bombay	26/5/2020 - 30/5/2020	2020	
			Latex	Poornima University	Spoken Tutorial, IIT Bombay	4/5/2020 - 8/5/2020	2020	
			R Programming	School of IT IMS Noida		25/5/2020 - 29/5/2020	2020	
				Introduction to Blockchain Technology	JSPM Narhe Technical Campus, Pune		25/5/2020 - 30/5/2020	2020
				Are you IOT Ready? Join Configuration of Smart Home using CISCO Packet Tracer	Jain University	CISCO Networking Academy	23/5/2020	2020
				Machine Learning & Deep Learning	Forsk Coding School		10/2/2020 - 19/2/2020	2020
17.		Sweety	Assistant Professor	Python Programming Concepts	Forsk Coding School		9/12/2019 -	2019

Department of Computer Science and Engineering

	Singhal					13/12/2019	
			Python with Django	CAD Desk		17/12/2019 - 20/12/2019	2019
			Machine Learning & Deep Learning	Forsk Coding School		10/2/2020 - 19/2/2020	2020
			Latex	Poornima University	Spoken Tutorial, IIT Bombay	4/5/2020 - 8/5/2020	2020
			Python Programming with Fuzzy System	JSPM Narhe Technical Campus, Pune		18/5/2020 - 22/5/2020	2020
			R Programming	School of IT IMS Noida		25/5/2020 - 29/5/2020	2020
			E-Learning	Smt. Sushila Devi Deshmukh Senior College, Latur	IQA Cell & Edfly	27/5/2020	2020
18.	Neha Solanki	Assistant Professor	Student Evaluation (Module III: IPD)	JECRC, Jaipur	NITTTR Chandigarh	3/2/2020 - 7/2/2020	2020
			Machine Learning & Deep Learning	Forsk Coding School		10/2/2020 - 19/2/2020	2020

Department of Computer Science and Engineering

19.	Pradeep Kr. Sharma	Assistant Professor	Are you IOT Ready? Join Configuration of Smart Home using CISCO Packet Tracer	Jain University	CISCO Networking Academy	23/5/2020	2020
			Cyber Security	Velagapudi Ramakrishna Siddhartha Engineering College	SUPARAJA Technologies	23/5/2020 - 27/5/2020	2020
			NBA accreditation Process	SNJB College of Engineering		17/5/2020	2020
20.	Abhishek Dixit	Assistant Professor	RPA Design and Development v1.0 Educator Readiness Program	UiPath		11/5/2020 - 20/5/2020	2020
			Machine Learning & Deep Learning	Forsk Coding School		10/2/2020 - 19/2/2020	2020
21.	Anju Rajput	Assistant Professor	Latex	St. Joseph Institute of Technology Chennai	IIT Bombay	17/5/2020 - 19/5/2020	2020
			Methologies and challenges in Digital IC &	MNIT, Jaipur	AICTE	11/12/2019 - 15/12/2019	2019

Department of Computer Science and Engineering

			Memory Design				
22.	Tripti Dua	Assistant Professor	Methologies and challenges in Digital IC & Memory Design	MNIT, Jaipur	AICTE	11/12/2019 - 15/12/2019	2019

Department of Computer Science and Engineering

Session 2018-19

S.No	Name of Faculty	Designation	FDP	Organizer	Sponsoring Agency	Date	Year
1.	Dr. Sanjay Gour	Professor	Hands on Practice with AR-VR Technologies	RTU Kota and Geetanjali Institute of Technical Studies, Udaipur	TEQIP-III	17/6/2019 - 21/6/2019	2019
2.	Dr. Vijeta Kumawat	Associate Professor	Ethical Academy	CAD Desk, Jaipur		24/12/2018 - 28/12/2018	2018
			Web Application Security Audit	JECRC, Jaipur	NITTTR, Chandigarh	7/1/2019 - 11/1/2019	2019
3.	Dr. Nilam Choudhary	Associate Professor	Web Application Security Audit	JECRC, Jaipur	NITTTR, Chandigarh	7/1/2019 - 11/1/2019	2019
4.	Manju Vyas	Assistant Professor	VLSI Design through ICT	Regional College of Engineering & Technology	NITTTR, Chandigarh	24/9/2018 - 28/9/2018	2018
5.	Richa Sharma	Assistant Professor	Web Application Security Audit	JECRC, Jaipur	NITTTR, Chandigarh	7/1/2019 - 11/1/2019	2019
6.		Assistant				7/1/2019 -	2019

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	Anima Sharma	Professor	Web Application Security Audit	JECRC, Jaipur	NITTTR, Chandigarh	11/1/2019	
7.	Rajan Jha	Assistant Professor	Web Application Security Audit	JECRC, Jaipur	NITTTR, Chandigarh	7/1/2019 - 11/1/2019	2019
8.	Sachin Gupta	Assistant Professor	Web Application Security Audit	JECRC, Jaipur	NITTTR, Chandigarh	7/1/2019 - 11/1/2019	2019
9.	Ashish Ameria	Assistant Professor	Web Application Security Audit	JECRC, Jaipur	NITTTR, Chandigarh	7/1/2019 - 11/1/2019	2019
10.	Amit Mithal	Assistant Professor	Web Application Security Audit	JECRC, Jaipur	NITTTR, Chandigarh	7/1/2019 - 11/1/2019	2019
11.	Anoop Kr. Mehta	Assistant Professor	Web Application Security Audit	JECRC, Jaipur	NITTTR, Chandigarh	7/1/2019 - 11/1/2019	2019
12.	Priyanka Mitra	Assistant Professor	Web Application Security Audit	JECRC, Jaipur	NITTTR, Chandigarh	7/1/2019 - 11/1/2019	2019
13.	Geerjani Lavani	Assistant Professor	Web Application Security Audit	JECRC, Jaipur	NITTTR, Chandigarh	7/1/2019 - 11/1/2019	2019
14.	Abhishek Jain	Assistant Professor	Scientific Writing and Computing	Poornima Group of Institutions	TEQIP-III	27/6/2019 - 29/6/2019	2019

Department of Computer Science and Engineering

			Morality and Work Culture in Higher Education	Shaikshik Manthan Sansthan , Jaipur		8/7/2018	2018
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Table.2.2.1a: Details of Faculty Development Program

Department of Computer Science and Engineering

Sample of Lecture Plan: 5CS4-03: Operating System

At the starting of Semester according to program curriculum, faculty designs lecture plan and discuss with the HOD for smooth delivery of respective course content to ensure the completion of course on time.

Course Outcomes:-

After Completion of Course Student will be able to

CO1.Demonstrate the concepts, structure design of operating system and analysis of process management.

CO2.Recognize the concepts, implementation of memory management policies, design issues of paging and virtual memory.

CO3: Understand and design the concepts of deadlock handling and device management.

CO4: Analyse the file system structure, implementation process and acquainted with various types of operating systems.

Department of Computer Science and Engineering

JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

Department of Computer Science and Engineering

LECTURE PLAN

Subject: : Operating System

Year/Sem/Sec: III/V

Lecture Plan						
Subject name: Operating System Subject Code: 5CS4-03 Year: 3 rd Semester: 5 th		POs PO1; PO2; PO3;PO4;PO6;PO7; PO12		COs CO1 Demonstrate the concepts, structure design of operating system and analysis of process management. CO2 Recognize the concepts, implementation of memory management policies, design issues of paging and virtual memory. CO3 Understand and design the concepts of deadlock handling and device management. CO4 Analyse the file system structure, implementation process and acquainted with various types of operating systems.		
S. No.	Lecture No.	Topic to be discussed	COs	Objective of Unit	Outcome of Lecture and CO	From page to
					Students are able to:-	
Unit 1	1	Objective, Scope and Outcome of the course	-	-	Understand objective and scope of the subject	-
Unit2 (4)	2	Introduction and History of Operating systems: Structure and operations; processes and files	CO1	CO1: Demonstrate the concepts, structure design of operating system and analysis of process management	Understand Introduction of OS	B1 (3-6) (18-23) (101-105) (421-430)
	3	Processor management: inter process communication, mutual exclusion, semaphores,	CO1		Understand Process Management	B1(105-128)
	4	wait and signal procedures, process	CO1		Understand Process Scheduling	B1(183-199)



Department of Computer Science and Engineering

		scheduling and algorithms				
	5	Critical sections, threads, multithreading BC: Multitasking, context switching	CO1		Understand Multithreading	B1(133-170)
Unit 3 (5)	6	Memory management: contiguous memory allocation	CO2	CO2: Recognize the concepts, implementation of memory management policies, design issues of paging and virtual memory.	Understand Memory management: contiguous memory allocation	B1(324-345)
	7	Virtual memory, paging	CO2		Understand virtual memory, paging	B1(357-360)
	8	Page table structure, demand paging	CO2		Understand page table structure, demand paging	B1(361-367) B1(328-341)
	9	Page replacement policies, thrashing	CO2		Understand page replacement policies, thrashing	B1(369-390)
	10	Segmentation, case study BC: Buddy system, overlays	CO2		Understand segmentation, case study	B1(342-345)
	11-13	Deadlock: Shared resources, resource allocation and scheduling	CO3		Understand Basics of resources	B1(283-290)
Unit 4 (15)	14-15	Resource Graph models	CO3	CO3: Understand and design the concepts of deadlock handling and device management.	Understand Resource Graph	B1(290-291)
	16-17	Deadlock detection, deadlock avoidance	CO3		Understand Deadlock Detection	B1(294-304)
	18-20	Deadlock prevention algorithms	CO3		Understand Deadlock Prevention	B1(291-294)
	21-22	Device management: devices and their characteristics	CO3		Understand Device management	B3(340-356)

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	23-24	Device drivers, device handling	CO3		Understand Device drivers	B3(357-380)
	25	Disk scheduling algorithms and policies BC: Fragmentation compaction	CO3		Understand Disk scheduling	B1(510-516)
Unit5 (7)	26-27	File management: file concept, types and structures,	CO4	CO4: Analyze the file system structure, implementation process and acquainted with various types of operating systems	Understand File Management	B1(421-430)
	28-29	Directory structure, cases studies	CO4		Understand directory	B1(433-444)
	30	Access methods and matrices	CO4		Understand Access methods	B1(431-433)
	31-32	file security, user authentication BC: Disk management	CO4		Understand File Security	B1(451-456)
Unit6 (8)	33	Unix operating systems as case studies 1	CO4		Understand Unix OS(1)	B1(A1- 22)
	34	Unix operating systems as case studies 2	CO4		Understand Unix OS(2)	B1(A23-42)
	35	Linux operating systems as case studies 1	CO4		Understand Linux OS(1)	B1(801-822)
	36	Linux operating systems as case studies 2	CO4		Understand Linux OS(2)	B1(823-843)
	37- 38	Time OS	CO4	Understand Time OS	B1(759-776)	
	39	Case study of Mobile OS (IOS)	CO4	Understand IOS	B2(350-370)	
	40	Case study of Mobile OS (Android) BC KALI Linux	CO4	Understand Android OS	B2(372-390)	

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Reference books:

1. A. Silberschatz and Peter B Galvin: Operating System Principals, Wiley India Pvt Ltd.
2. Achyut S Godbole: Operating Systems, Tata McGraw Hill
3. Tanenbaum: Modern Operating System, Prentice Hall.
4. DM Dhamdhare: Operating Systems – A Concepts Based Approach, Tata McGraw Hill
5. Charles Crowley: Operating System A Design – Oriented Approach, Tata McGraw Hill

Evaluation Process and Reforms

The department follows the below steps for smooth conduction of examination and evaluation Process:

- The department adhere academic calendar prescribed by RTU, Kota
- There is departmental Examination Committee in which two faculty members are included for conduction of Internal Examination and Two for External Examination.
 - a. The committee circulates notice a week before the commencement of examination by taking prior approval from HOD.
 - b. Course Coordinator prepares and submit their question paper to respective class coordinator
 - c. Then class coordinator submits all question papers to Moderation Committee.
 - d. Moderation Committee in coordination with DQAC selects one question paper among the set of three papers.
 - e. Selected Question paper send to Internal Examination Coordinator then internal examination coordinator takes printout of the final paper.
 - f. After the completion of exam, answer sheets evaluation, result analysis on basis of CO, weak/strong student list is prepared by course coordinator and submitted to Internal Examination Coordinator. Along with the soft copy.
 - g. If student secures marks less than 60% in some particular CO then he/she will be considered as weak student. Then course coordinator provides assignment to them and evaluates.

Department of Computer Science and Engineering

- h. Student who secures marks greater than 60% in some particular CO then he/she will be considered as strong student. Then they will be encouraged & motivated for GATE/PSUs/Govt. Exam.

Student Performance and Learning Outcomes

- The department gives emphasis on concept building and exposure of latest knowledge of the subject. For this following measures are taken: practical exposure, communication skill, ethical values, and social responsibilities. Departments have incorporated presentations, case studies, group discussion, class tests and tutorials
- For **developing communication skills**, group discussions, presentation on theory based and general topics are regularly carried out in the class.
- For defining the graduate's attributes, **program outcomes are drafted** for which the evaluation is done accordingly.
- Course outcomes are defined not only for the subjects but their respective labs also. Then course outcomes are mapped with the program outcomes. This mapping depicts the achievement of the particular learning outcome.
- The **examination evaluation** is also performed on the basis of course outcomes which ensure the result of the achievement of outcomes. Generally, this criterion for achievement is 60%.
- **Assignments** for weak students on the basis of **CO Analysis**.

Department of Computer Science and Engineering

Evaluation Process

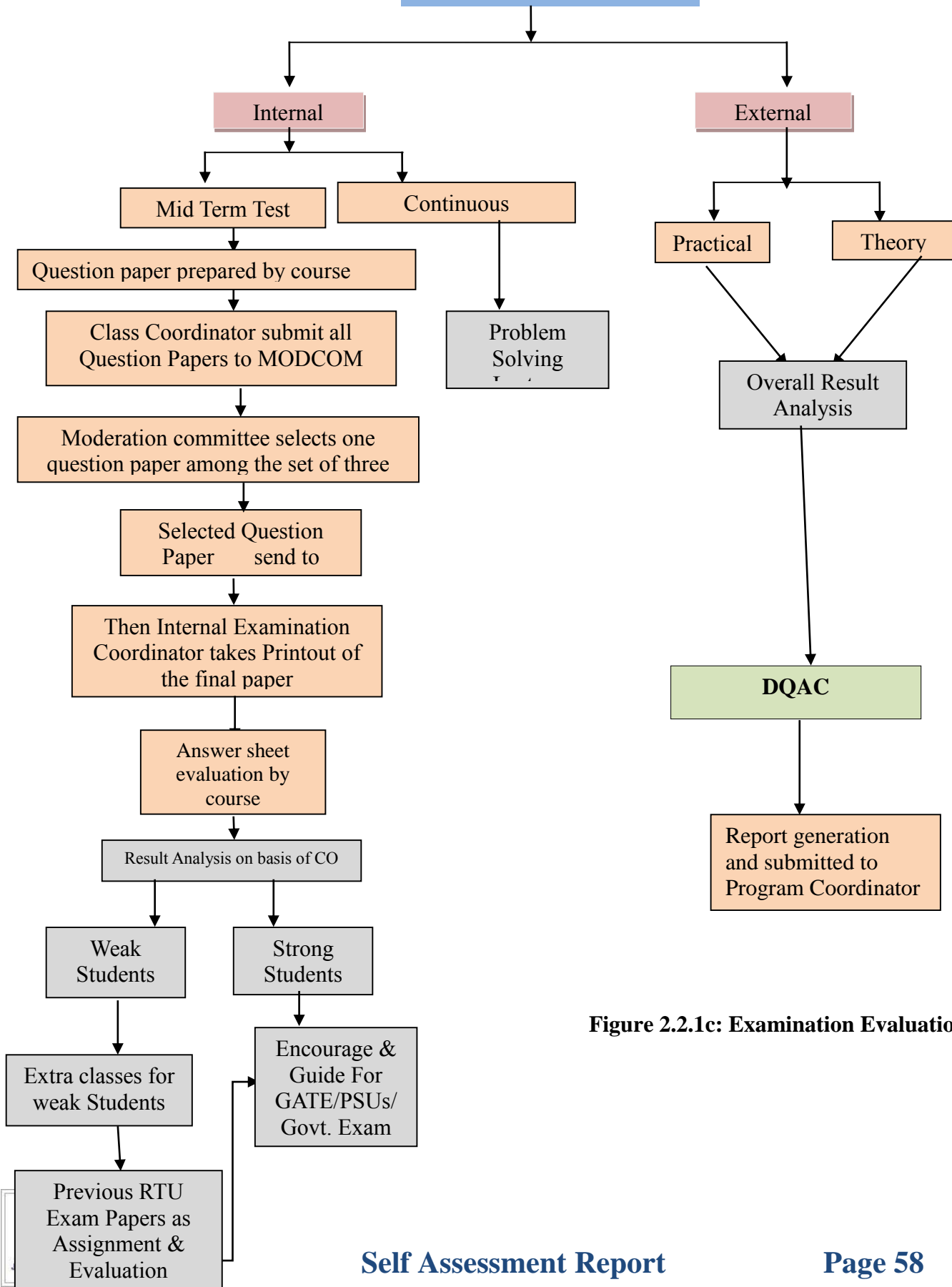


Figure 2.2.1c: Examination Evaluation

Department of Computer Science and Engineering

Quality of Internal Semester Question Papers, Assignments and Evaluation (20)

(Mention the initiatives, implementation details and analysis of learning levels related to quality of semester question papers, assignments and evaluation)

For improving the quality of question papers, assignments and evaluation process the Department has drafted a committee named as Moderation Committee and Departmental Assessment Committee (DQAC) which ensures the evaluation flows in the correct way.

The department follows the below steps for Quality of Internal Semester Question Papers, Assignments and Evaluation.

Quality of Internal Semester Question paper:

To ensure the quality of internal semester question paper following practices are taken in the regular practice

- Question paper are completely based on the course outcome (COs).
- All the question are following bloom taxonomy strictly.
- Maximum question are satisfying L3 toL6 of learning.
- Question from GATE, UPSE, University level exam are included in the paper.
- Question of short, medium and large answers categories are included.
- Four set of question papers are designed for each subject.

Department of Computer Science and Engineering

Sample notice for Mid Term Test

JECRC

Mid Term Test - II - VI Sem. (Online mode)

Time Table

16/6/21

From: CSE Internal Exam Cell	To: Faculty members and students of VI Sem.
------------------------------	---

Semester	VI Sem.	
	9:00 to 10:30	1:30 to 3:00
19 June 2021, Saturday	6CS3-01, Digital Image Processing	6CS5-11, Distributed System
21 June 2021, Monday	6CS4-03, Information Security System	6CS4-04, Computer Architecture and Organization
22 June 2021, Tuesday	6CS4-05, Artificial Intelligence	6CS4-06, Cloud Computing
23 June 2021, Wednesday	6CS4-02, Machine Learning	-


Instructions to candidates:

- 1) Login to Google Classroom, with your college email id only, 10 minutes before the start of exam.
- 2) Mention the following at the top of first page of answer book:
Name
Class roll number
RTU roll no
Subject
Set no
Day and date of exam
Total number of pages
Candidate's signature

From second page onwards, mention your RTU roll no and page number.

- 3) i) The duration of the question paper is 90 minutes. An additional 15 minutes will be given for uploading the scanned copy of your answer book in single PDF file on google classroom.
ii) Put the name of PDF file (answer book) in the following manner:
RTURollNo_Subject_MTT2_ie-16EJCCS900_DIP_MTT2
iii) After uploading answer book, click the button "TURN IN" for submitting answer book.
- 4) Late submission of answer books will not be accepted. Only neat and clean, handwritten (blue/black ink) and properly scanned answer books will be accepted. If you are not able to view the paper at the time of exam, then logout from all google accounts and re-login to google classroom using college e-mail id only.
- 5) The question paper is based on Outcome Based Education.
- 6) There will be no re-exam for the absentees.

MTT Coordinators


Head of the Department
Computer Science & Engineering
JECRC, Jaipur

Department of Computer Science and Engineering

JECRC

16/6/2021

From: CSE Internal Exam Cell	To: All faculty members, class coordinators of VI Sem.
------------------------------	--

General guidelines regarding MTT-II of VI Sem.:

1. The question paper will be based on Course Outcome 3 and Course Outcome 4 and should follow Bloom's Taxonomy. Format of question paper is attached.
2. Every faculty will prepare and submit 4 sets of question papers to Moderation Committee, as per below list, by 18/6/21 till 9:00 am, for approval. After approval, every faculty will distribute the 4 sets of question papers, equally, among all the students of his class, at the time of exam.
3. Submit the step marking, solution (4 sets) of question paper by 18/6/21, and result analysis within 3 days of MTT date, to iexam.cse.
4. Concerned Faculty members will Send Grievance Form (attached) to students. Student will fill the form (if there is any grievance) and will submit to concerned faculty. Faculty will submit it to exam cell within 5 days of MTT date.
5. Concerned class coordinators will forward the MTT time table to students.
6. Assignments are to be given on each unit of the course.

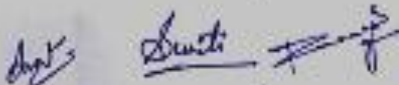
S.No	Subject	Concerned faculty member will mail question paper (4 sets) for moderation to:
1	Digital Image Processing	vijetakumarwal.cse
2	Machine Learning	umamaheswari.cse
3	Information Security System	abhishekdixit.cse
4	Computer Architecture and Organization	neerajprakashsrivastava.ai
5	Artificial Intelligence	manjuvyas.cse
6	Cloud Computing	neerajprakashsrivastava.ai
7	Distributed System	nilamchoudhary.cse

Concerned faculty member will mail question papers (4 sets) to hod.cse, iexam.cse also. There will be random scrutinizing of question papers by HOD.

Annexure 1: Format of question paper

Annexure 2: Grievance Form

MTT Coordinators




Head of the Department
Computer Science & Engineering
JECRC, Jaipur

Department of Computer Science and Engineering

MODCOM committee has been formed to ensure the quality of continuous internal assessment process. The following members are being the part of this Committee.

Session 2020-21

S.NO	FACULTY NAME	QUALIFICATION	DESIGNATION	ROLE
1	Dr. Sanjay Gaur	Ph.D	Professor	Chair
2	Dr Vijeta Kumawat	Ph.D	Associate Professor	Member
3	Dr. Nilam Chaudhary	Ph.D	Associate Professor	Member
4	Mr. Abhishek Dixit	M.TECH	Assistant Professor	Member
5	Ms. Uma Maheswari	M.TECH	Assistant Professor	Member
6	Ms. Manju Vyas	M.TECH	Assistant Professor	Member
7	Mr. Neeraj Prakash Shrivastava	M.TECH	Assistant Professor	Member

Session 2019-20

S.NO	FACULTY NAME	QUALIFICATION	DESIGNATION	ROLE
1	Dr. Sanjay Gaur	Ph.D	Professor	Chair
2	Dr Vijeta Kumawat	Ph.D	Associate Professor	Member
3	Dr. Nilam Chaudhary	Ph.D	Associate Professor	Member
4	Abhishek Dixit	M.TECH	Assistant Professor	Member

Session 2018-19

S.NO	FACULTY NAME	QUALIFICATION	DESIGNATION	ROLE
1	Dr. Vijay Singh Rathore	Ph.D.	Professor & HOD	Chair
2	Dr. Bhavna Sharma	Ph.D.	Associate Professor	Member
3	Dr. Sanjay Gaur	Ph.D.	Associate Professor	Member
4	Dr. Nilam Chaudhary	Ph.D.	Associate Professor	Member
5	Mr. Mukesh Agarwal	M. Tech.	Asst. Professor	Member
6	Mr. Gajendra Sharma	M. Tech.	Asst. Professor	Member

Department of Computer Science and Engineering

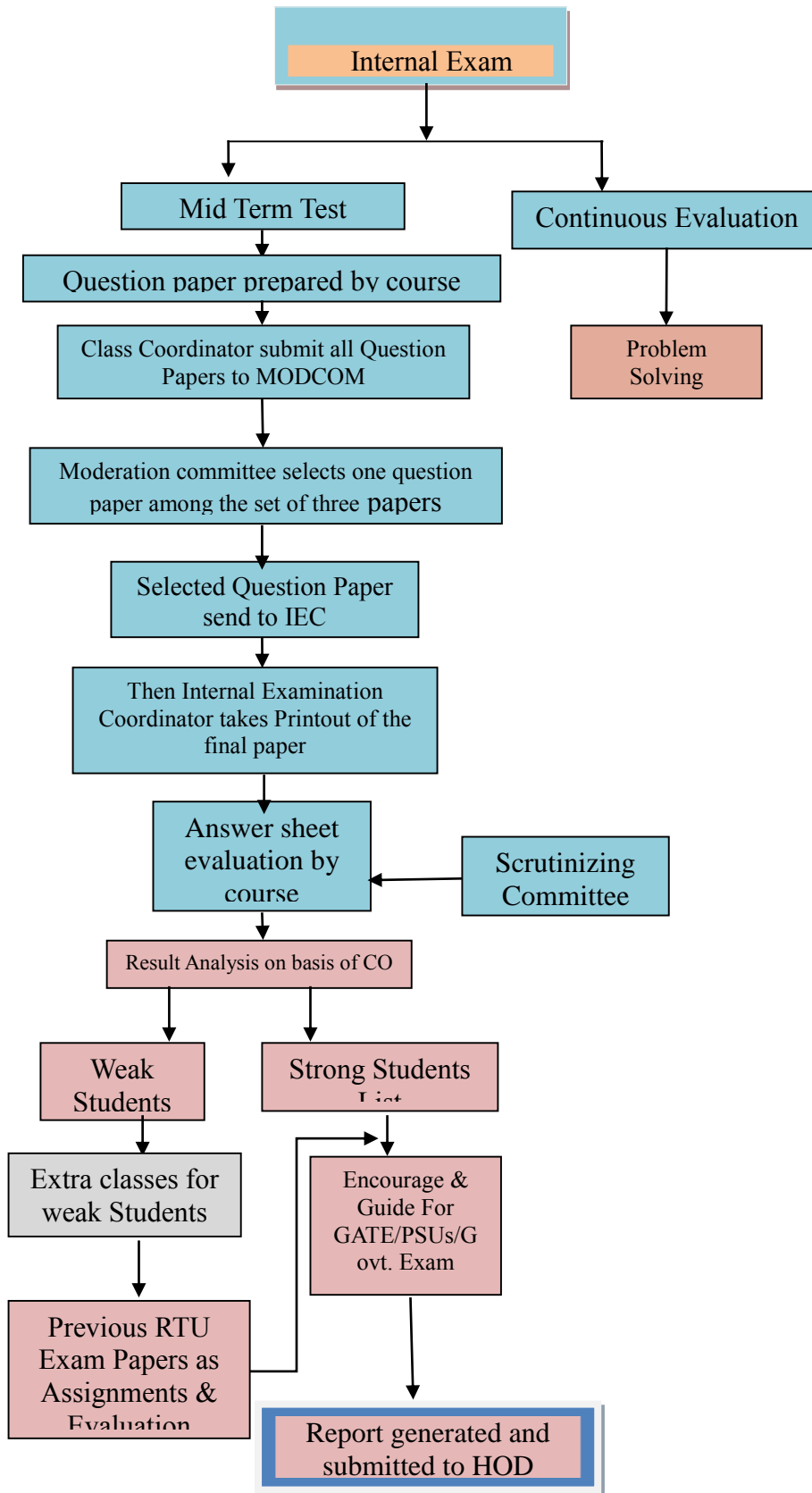



Figure 2.2.2a: Process of Quality of Internal Question Papers, Semester Assignments and Evaluation

Department of Computer Science and Engineering

Sample MTT Papers

 JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE	Jaipur Engineering College and Research Centre, Shri Ram ki Nangal, via Sitapura RIICO Jaipur- 302 022.	Academic year- 2021-2022
--	---	---

MTT-1

Course	:	B.Tech.	Date	:	29/11/21
Semester/ Section	:	V	Time Duration	:	1:30 Hrs
Subject & Subject Code	:	Compiler Design 5CS4-02	Max. Marks	:	40
Course Outcomes					
CO1	Compare different phases of compiler and design lexical analyzer.				
CO2	Examine Syntax & Semantic Analyzer by understanding grammars.				
CO3	Illustrate storage allocation and its organization & analyze symbol table organization.				
CO4	Analyze code optimization, code generation & compare various compilers.				

Q. No.	CO	Questions	Marks
<u>PART- A: Attempt All Questions (6x2 = 12 marks)</u>			
1.	3	Outline Activation trees and Activation records?	2
2.	3	Examine Syntax directed definition?	2
3.	3	List out various types of intermediate code representation?	2
4.	4	Criticize the static storage allocation strategy?	2
5.	4	List code optimization techniques?	2
6.	4	Construct the DAG for the following expression. (((a + a) + (a + a)) + ((a + a) + (a + a)))	2
<u>PART-B: Attempt All Questions (4x4 = 16 marks)</u>			
1.	3	Differentiate S-attribute and L-attribute with example?	4
2.	3	Write Semantic rules for the following grammar? S -> TL T -> int T -> float T -> char T -> double L -> L, id	4



Department of Computer Science and Engineering

		L->id For the input string “int a,c” draw an annotated parse tree?	
3.	4	Examine Symbol table and data structures to implement symbol table?	4
4.	4	Illustrate common sub-expression and how to eliminate it? Explain with example.	4
<u>PART-C: Attempt All Questions (2x6 = 12 marks)</u>			
1.	3	Consider the following input statement and represent it in A) Three address code, B) Quadruples C) Triples. $a + b \times c / e \uparrow f + b \times c$	6
2.	4	Explore the techniques used in optimization of code with proper examples & justification.	6

Criterion to provide assignments to the students

1. After the completion of exam, answer sheets evaluation, result analysis on basis of CO, weak/strong student list is prepared by course coordinator and submitted to Internal Examination Coordinator. Along with the soft copy.
2. If student secures marks less than 60% in some particular CO then he/she will be considered as weak student. Then course coordinator provides assignment to them and evaluates.
3. Student who secures marks greater than 60% in some particular CO then he/she will be considered as strong student. Then they will be encouraged & motivated for GATE/PSUs/Govt. Exam.
4. On the completion of each unit there is a common assignment for all students to implement, analyze and for better understanding of respective course content.
The tables are shown below representing sample of Internal Assessment on the basis of CO and weak student list.

Department of Computer Science and Engineering

Sample of CO Analysis

Rajasthan Technical University									
Award List for Internal Assessment/MTT-2									
Examination: B.TECH Main Shift-I Year/Semester/Section III/V/A Session 2021-22									
Name of College: JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE									
Branch: COMPUTER SCIENCE & ENGINEERING									
Subject & Code: Compiler Design 5CS4-02									
Sr. No	University Roll No.	Name of Candidate	Total (40)	Obtained CO3 /Total CO3 (20)	%age	Below-60% in CO3	Obtained CO4 /Total CO4 (20)	%age	Below -60% in CO4
1	19EJCCS001	AAKASH OJHA	34	19	95	N	15	75	N
2	19EJCCS002	AARUSHI VASHISTHA	38	20	100	N	18	90	N
3	19EJCCS003	AASHI JAIN	40	20	100	N	20	100	N
4	19EJCCS004	AASTHA SARSWAT	27	13	65	N	14	70	N
5	19EJCCS005	AAYUSHI AGARWAL	31	17	85	N	14	70	N
6	19EJCCS006	ABHI KHANDELWAL	24	17	85	N	7	35	Y
7	19EJCCS007	ABHINAV SHARMA	34	17	85	N	17	85	N
8	19EJCCS008	ABHINAV SIYAL	AB	AB	AB	AB	AB	AB	AB
9	19EJCCS009	ABHISHEK MITTAL	10	8	40	Y	2	10	Y
10	19EJCCS010	ABHISHEK SHARMA	33	18	90	N	15	75	N
11	19EJCCS011	ADARSH SHARMA	21	12	60	N	9	45	Y
12	19EJCCS012	ADITI GUPTA	35	18	90	N	17	85	N
13	19EJCCS013	ADITYA KHANDELWAL	31	16	80	N	15	75	N
14	19EJCCS014	ADITYA KUMAR SHARMA	6	6	30	Y	0	0	Y
15	19EJCCS015	AKHIL SONI	7	3	15	Y	4	20	Y
16	19EJCCS016	AKSA VARGHESE	31	19	95	N	12	60	N
17	19EJCCS017	AKSHAT SHARMA	38	20	100	N	18	90	N
18	19EJCCS018	AKSHAT SONI	20	9	45	Y	11	55	Y
19	19EJCCS019	AMAN JINDAL	23	18	90	N	5	25	Y
20	19EJCCS020	AMIT GOYAL	24	14	70	N	10	50	Y
21	19EJCCS021	AMIT SHARMA	23	8	40	Y	15	75	N
22	19EJCCS022	AMIT TIWARI	40	20	100	N	20	100	N

Department of Computer Science and Engineering

23	19EJCCS023	AMIT UPADHYAY	37	19	95	N	18	90	N
24	19EJCCS024	AMMAR BOHRA	37	19	95	N	18	90	N
25	19EJCCS025	ANJALI HARJANI	36	19	95	N	17	85	N
26	19EJCCS026	ANJALI RANDE	AB	AB	AB	AB	AB	AB	AB
27	19EJCCS027	ANKUSH CHOUHAN	36	19	95	N	17	85	N
28	19EJCCS028	ANMOL NANKANI	35	17	85	N	18	90	N
29	19EJCCS029	ANMOL VIJAYVERGIYA	34	20	100	N	14	70	N
30	19EJCCS030	ANUJ NARUKA	38	20	100	N	18	90	N
31	19EJCCS031	ANURAG TOSHNIWAL	40	20	100	N	20	100	N
32	19EJCCS032	APEKSH AGARWAL	40	20	100	N	20	100	N
33	19EJCCS034	ARUN AHIR	29	19	95	N	10	50	Y
34	19EJCCS036	ASHISH GARG	37	17	85	N	20	100	N
35	19EJCCS037	ASIF KHAN LEELGAR	30	17	85	N	13	65	N
36	19EJCCS038	AVIK JAIN	39	19	95	N	20	100	N
37	19EJCCS039	AYUSH KHANDELWAL	33	19	95	N	14	70	N
38	19EJCCS040	AYUSH MAROO	29	18	90	N	11	55	Y
39	19EJCCS041	BHAVIKA SHAH	37	18	90	N	19	95	N
40	19EJCCS042	BHAVIN BANSAL	40	20	100	N	20	100	N
41	19EJCCS044	CHAHAT BHANDARI	39	19	95	N	20	100	N
42	19EJCCS045	CHHAVI AJMERA	38	20	100	N	18	90	N
43	19EJCCS046	CHINMAY SINGH PANWAR	20	10	50	Y	10	50	Y
44	19EJCCS047	CHIRAG JAIN	32	18	90	N	14	70	N
45	19EJCCS048	CHIRAG RAWAT	30	18	90	N	12	60	N
46	19EJCCS049	CHIRAG SINGHAL	30	19	95	N	11	55	Y
47	19EJCCS050	CHIRAYU JAIN	40	20	100	N	20	100	N
48	19EJCCS051	DARSHAN JAIN	31	17	85	N	14	70	N
49	19EJCCS052	DEVESH GARG	AB	AB	AB	AB	AB	AB	AB
50	19EJCCS053	DHANANJAY PAREEK	8	4	20	Y	4	20	Y
51	19EJCCS054	DHRUV KHANDELWAL	32	16	80	N	16	80	N
52	19EJCCS055	DISHANK MARU	17	10	50	Y	7	35	Y
53	19EJCCS056	DIVY SAMDANI	33	20	100	N	13	65	N
54	19EJCCS057	DIVYA JINDAL	39	20	100	N	19	95	N
55	19EJCCS058	DIVYANSHU JAIN	16	6	30	Y	10	50	Y

Department of Computer Science and Engineering

56	19EJCCS059	DIVYESH GUPTA	26	14	70	N	12	60	N
57	19EJCCS060	GARGEE MAHESHWARI	40	20	100	N	20	100	N
58	19EJCCS061	GARVIT AGARWAL	AB	AB	AB	AB	AB	AB	AB
59	19EJCCS062	GAURANG SARASWAT	40	20	100	N	20	100	N
60	19EJCCS063	GOEL ISHA	40	20	100	N	20	100	N
61	19EJCCS064	GOURAV VIJAYWARGIYA	40	20	100	N	20	100	N
62	19EJCCS065	GULISHA DERASHRI	40	20	100	N	20	100	N
63	19EJCCS066	HARISH KUMAR	29	17	85	N	12	60	N
64	19EJCCS067	HARKIRAT SINGH	35	17	85	N	18	90	N
65	19EJCCS068	HARSH DAIYA	13	7	35	Y	6	30	Y
66	19EJCCS069	HARSH MEHTA	32	17	85	N	15	75	N
67	19EJCCS070	HARSHIT MANTRI	17	13	65	N	4	20	Y
68	19EJCCS071	HARSHITA GOYAL	26	18	90	N	8	40	Y
69	19EJCCS072	HARSHVARDHAN SHARMA	AB	AB	AB	AB	AB	AB	AB
70	19EJCCS073	HIMANSHU DHAKA	13	4	20	Y	9	45	Y

CO Attainment				
	NO.OF STUDENTS <60% MARKS	PERCENTAGE OF STUDENTS <60% MARKS	NO.OF STUDENTS >=60% MARKS	PERCENTAGE OF STUDENTS >=60% MARKS
CO3	11	16.92	54	83.07
CO4	19	29.23	46	70.76

Department of Computer Science and Engineering

Sample of Weak Student List:

JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE, TONK ROAD JAIPUR					
(Affiliated to Rajasthan Technical University, Kota)					
Department of Computer Science & Engineering					
MTT 2					
List of weak Students					
Year & Semester:- IIIrd Year Vth Semester					
Subject & Code: Compiler Design 5CS4-02					
Faculty: Garima Garg					
S. No	Name of student	CO3	Assignment given to Weak Students	CO4	Assignment given to Weak Students
		(Y/N)	CO3(Y/N)	(Y/N)	CO4(Y/N)
1	ABHISHEK MITTAL	Y	Y	Y	Y
2	ADITYA KUMAR SHARMA	Y	Y	Y	Y
3	AKHIL SONI	Y	Y	Y	Y
4	AKSHAT SONI	Y	Y	Y	Y
5	AMIT SHARMA	Y	Y	N	N
6	CHINMAY SINGH PANWAR	Y	Y	Y	Y
7	DHANANJAY PAREEK	Y	Y	Y	Y
8	DISHANK MARU	Y	Y	Y	Y
9	DIVYANSHU JAIN	Y	Y	Y	Y
10	HARSH DAIYA	Y	Y	Y	Y
11	HIMANSHU DHAKA	Y	Y	Y	Y
12	ABHI KHANDELWAL	N	N	Y	Y
13	ADARSH SHARMA	N	N	Y	Y
14	AMAN JINDAL	N	N	Y	Y
15	AMIT GOYAL	N	N	Y	Y
16	ARUN AHIR	N	N	Y	Y
17	AYUSH MAROO	N	N	Y	Y
18	CHINMAY SINGH PANWAR	N	N	Y	Y
19	CHIRAG SINGHAL	N	N	Y	Y
20	HARSHIT MANTRI	N	N	Y	Y
21	HARSHITA GOYAL	N	N	Y	Y

Department of Computer Science and Engineering

Weak Student Assignment:

Subject & Subject Code: Compiler Design 5CS4-02

Semester/ Section: V

Max. Marks: 20

CO3		Illustrate storage allocation and its organization & analyze symbol table organization.	
1.	3	Compare the allocation Strategies (Static allocation, Stack allocation and Heap Allocation) with their merits and limitations.	4
2.	3	Compute Three address code, quadruples, triples and indirect triples for the expression: $(a*b)+(c+d)-(a*b)$	4
3.	3	Symbol table is an important part of compiler design, Brief its importance and the data structures to implement the same?	4
4.	3	Illustrate common sub-expression and how to eliminate them? Explain with example.	4
5.	3	Consider the following input statement and represent it in three address code	4

Assignment's award list

CO3

S. No	Name of student	Marks Obtained (CO3) (Y/N)	Maximum Marks CO3(Y/N)
1	ABHISHEK MITTAL	18	20
2	ADITYA KUMAR SHARMA	18	20
3	AKHIL SONI	17	20
4	AKSHAT SONI	15	20
5	AMIT SHARMA	14	20
6	CHINMAY SINGH PANWAR	14	20
7	DHANANJAY PAREEK	15	20
8	DISHANK MARU	19	20
9	DIVYANSHU JAIN	19	20
10	HARSH DAIYA	18	20
11	HIMANSHU DHAKA	18	20

Department of Computer Science and Engineering

To improve the course outcome achievement less than 60% we perform Unit Tests after the completion of each unit in each subject. They are again evaluated to ensure they achieve the criterion of course outcome in each subject. Other measures are

- **Mentoring** of Weak Student on regular basis.
- **Extra Class** for Weak Students as well as for interested students also.
- **Government/AICTE Initiatives:** its main objective is to provide all with best teaching learning resources. All the courses are interactive and prepared by best teachers in the country. Quality of content of the course is ensured by seven national coordinators namely
- **Lectures:** Faculty of the CSE Department effectively teach students about a concerned subject. Faculties convey significant information, history, background, theories, analogies and equations to make the concepts clear.
- **Tutorials:** Faculty helps the slow learners by solving more number of similar problems. Any specific problem is also entertained by Faculty Members.
- **Presentations:** Faculty members also provide PPT and Videos related to course. Videos effectively communicate the working of actual engineering solutions-long learning in the appropriate societal context.
- **Experimental Laboratory Work:** Laboratory work demonstrates how theory can be verified by experiments through interpretation of results.
- **Group Tasks:** Through group task the concepts of engineering that the student has understood in the course is showcased. This helps to do work in groups effectively.
- **FDP/Conference/Workshop:** Faculty members take knowledge about the latest technology and deliver the same to students.
- **E-Book/Digital Library/Video Lectures:** The facility of (multi Media) Digital Library is available where all interested students & faculty members may read e-books and e-journals which are available on NPTEL, expert lectures on you tube.
- **Center of Excellence:** Centre of excellence are established under the MOU's with industries to emphasize on Internship, Project, Workshop for Students and Industrial Visits, Students specific Training.

The department ensures the correctness in the evaluation system of internal semester examinations with scrutinizing committee which scrutinizes the answer sheets as well as checks whether there is any issue in the evaluation. HOD can also scrutinize any answer sheet on random basis to ensure the correctness in the evaluation system.

Department of Computer Science and Engineering

Sample of Scrutinizing Committee:

3rd Semester Scrutinizer Name List (2020-21)

SUBJECT	SECTION	FACULTY NAME	SCRUTINIZER NAME
ADVANCE ENGINEERING MATHEMATICS	A	Dr. Ashok Singh Shekhawat	Mr. Umesh Kumar Pareek
	B	Dr. Ashok Singh Shekhawat	Mr. Umesh Kumar Pareek
	C	Dr. Ashok Singh Shekhawat	Mr. Umesh Kumar Pareek
	D	Dr. Ashok Singh Shekhawat	Mr. Umesh Kumar Pareek
MANAGERIAL ECONOMICS AND FINANCIAL ACCOUNTING	A	Dr. Fauzia Siddiqui	Dr. Manish Kumar Shrivastava
	B	Dr. Manish Kumar Shrivastava	Dr. Fauzia Siddiqui
	C	Dr. Manish Kumar Shrivastava	Dr. Fauzia Siddiqui
	D	Mr. Amit Mithal	Dr. Manish Kumar Shrivastava
DIGITAL ELECTRONICS	A	Tripti Dua	Anju Rajput
	B	Anju Rajput	Tripti Dua
	C	Anju Rajput	Tripti Dua
	D	Tripti Dua	Anju Rajput
DATA STRUCTURES AND ALGORITHMS	A	Suniti Chouhan	Garima Garg
	B	Garima Garg	Suniti Chouhan
	C	Avani Sharma	Neha Solanki
	D	Neha Solanki	Avani Sharma
OBJECT ORIENTED PROGRAMMING	A	Priyanka Mitra	Amit Mithal
	B	Amit Mithal	Priyanka Mitra
	C	Sweety Singhal	Priyanka Mitra
	D	Priyanka Mitra	Sweety Singhal
SOFTWARE ENGINEERING	A	Geerija Lavania	Manju Vyas
	B	Manju Vyas	Geerija Lavania
	C	Abhishek Jain	Girija Lavania
	D	Girija Lavania	Abhishek Jain

Department of Computer Science & Engineering
3RD SEMESTER SCRUTINIZER NAME LIST (2019-20)

SUBJECT	SECTION	FACULTY NAME	SCRUTINIZER NAME
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Department of Computer Science and Engineering

ADVANCE ENGINEERING MATHEMATIC S	A	Dr. Ashok Singh Shekhawat	Dr. Sunil Kumar SHRIVASTAVA
	B	Dr. Ashok Singh Shekhawat	Dr. Sunil Kumar
	C	Dr. Sunil Kumar	Dr. Ashok Singh Shekhawat
	D	Dr. Sunil Kumar	Dr. Ashok Singh Shekhawat
MANAGERIAL ECONOMICS AND FINANCIAL ACCOUNTING	A	Shaguna Chaturvedi	Dr. Manish Kumar Shrivastava
	B	Dr. Manish Kumar Shrivastava	Shaguna Chaturvedi
	C	Dr. Manish Kumar Shrivastava	Shaguna Chaturvedi
	D	Dr. Manish Kumar Shrivastava	Shaguna Chaturvedi
DIGITAL ELECTRONICS	A	Yogita Taluja	Lokesh Sharma
	B	Lokesh Sharma	Yogita Taluja
	C	Yogita Taluja	Lokesh Sharma
	D	Lokesh Sharma	Yogita Taluja
DATA STRUCTURES AND ALGORITHMS	A	Richa Sharma	Dr. Vijeta Kumawat
	B	Anima Sharma	Richa Sharma
	C	Dr. Vijeta Kumawat	Richa Sharma
	D	Richa Sharma	Anima Sharma
OBJECT ORIENTED PROGRAMMIN G	A	Amit Mithal	Anoop Kumar Mehta
	B	Amit Mithal	Anoop Kumar Mehta
	C	Amit Mithal	Anoop Kumar Mehta
	D	Anoop Kumar Mehta	Amit Mithal
SOFTWARE ENGINEERING	A	Suniti Chouhan	Girija Lavania
	B	Girija Lavania	Suniti Chouhan
	C	Girija Lavania	Suniti Chouhan
	D	Suniti Chouhan	Girija Lavania

Table 2.2.2a: list of Scrutinizing Committee

2.2.3. Quality of Student Projects (25)

(Quality of the project is measured in terms of consideration to factors including, but not limited to, environment, safety, ethics, cost, type (application, product, research, review etc.) and standards. Processes related to project identification, allotment, continuous monitoring, evaluation including demonstration of working prototypes and enhancing the relevance of projects. Mention Implementation details including details of POs and PSOs addressed through the projects with justification)

Department of Computer Science and Engineering

The projects are mandatory for VIII semester students. Students are directed to start their Project work from VII semester and continue till final semester under the supervision of their respective Project Guide.

The chosen project can be based on area of interest of the students.

The project of VIII semester carries 350 marks in the RTU curriculum.

To ensure the quality of projects, Department has formed a committee, named as Project Assessment Committee.

For the quality of project Program Specific Outcomes (PSO) is considered and also the problems is considered through various websites for run time cutting edge issues and through Smart India Hackathon (SIH).

Following members with their corresponding role being the part of the Committee (2020-21):

S. No.	Faculty Name	Qualification	Designation	Role
1	Dr. Sanjay Gaur	Ph. D.	Associate Professor	Chair
2	Dr. Vijeta Kumawat	Ph. D.	Associate Professor	Project Coordinator
3	Ms. Avani Sharma	M. Tech.	Assistant Professor	Project Coordinator
4	Dr. Nilam Chaudhary	Ph. D.	Associate Professor	Member

Table 2.2.3a: Details of Members Involved in Project Evaluation

Course Outcomes

On completion of the Project:	
CO1	Gather, organize, summarize and interpret technical literature with the purpose of formulating a project proposal
CO2	Design/Develop the solution using latest technologies and communicate via modern tools.
CO3	Understand and develop the professional, social ethics, and team management principles.

Table 2.2.3b: Project Course Outcomes

Program Specific Outcomes (PSO):

PSO1	Ability to interpret and analyze network specific and cyber security issues, automation in real word environment.
PSO2	Ability to Design and Develop Mobile and Web-based applications under realistic constraints.

Table 2.2.3c: Project Specific Outcomes

Department of Computer Science and Engineering

Subject	Code	L/ T/ P	CO	P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	P O 10	P O 11	P O 12	P O 13	P O 14	P O 15	
Project	8CS7-0	P	Gather, organize, summarize and interpret technical literature with the purpose of formulating a project proposal.	3	3	3	2	2	2	1	2	1	2	2	2	3	3	3	
		P	Design/Develop the solution using latest technologies and communicate via modern tools.	3	3	3	2	2	2	1	2	2	2	2	2	2	3	3	3
		P	Understand and develop the professional, social ethics, and team management principles.	3	3	3	2	2	2	1	2	2	2	2	2	2	3	3	3

Table 2.2.3d: Mapping b/w Course Outcomes & Program Outcomes

Project Group Formation

- Students of IV Year are sorted in chronological order on the basis of their academic performance.
- The students are divided into four groups namely Topper Student List (Group 1), Average Student List (Group 2), Below Average Student List (Group 3) and Bottom Student List (Group 4). Each group contains 25% of total final year students.
- Display the list of faculty members according to their area of interest.
- Select one student from each group and make a team.
- Each team selects one guide according to their area of interest and asks the guide for their project approval after showing the abstract of the project.

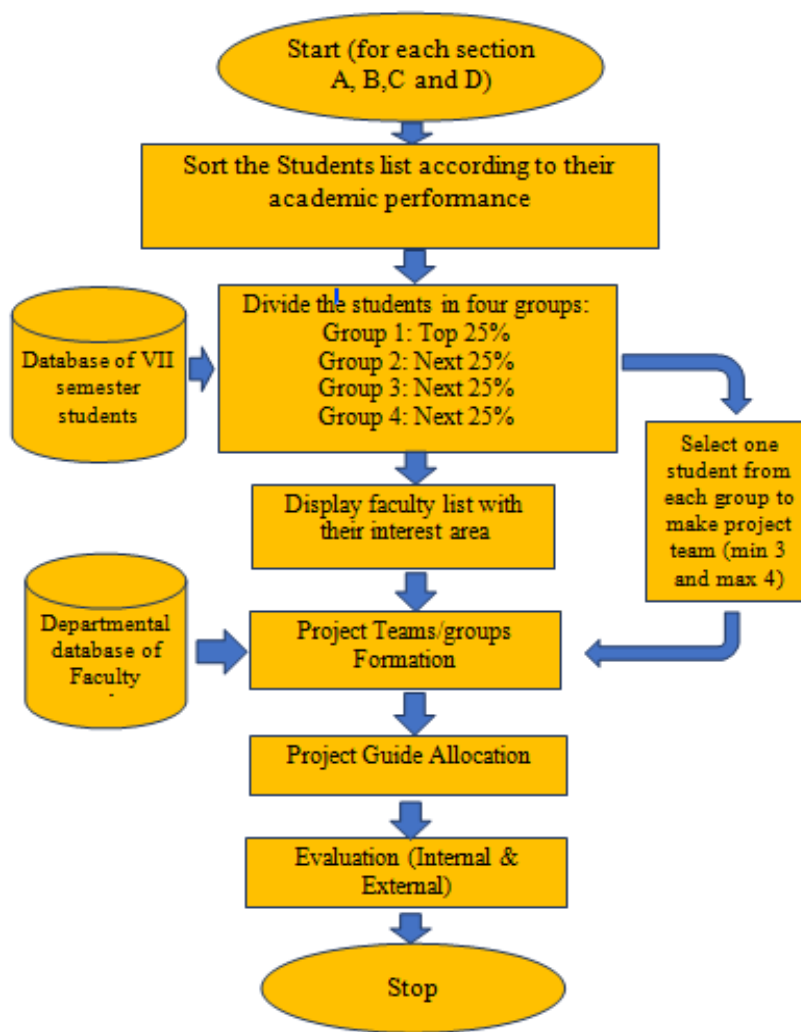


Figure 2.2.3a: Flow Chart of Project Group

Department of Computer Science and Engineering

Sample of Class Groups:

JAIPUR ENGINEERING COLLEGE & RESEARCH CENTRE, JAIPUR				
Department of Computer Science & Engineering				
B.Tech VII Semester (Section A)				
Roll. No	University Roll No.	Name of Students	Percentage: B.Tech. Agg.	Group
1	17EJCCS053	DEVYANI SHARMA	82.274	A
2	17EJCCS007	ADITI KHANDELWAL	81.95	A
3	17EJCCS024	ANKIT GUPTA	81.058	A
4	17EJCCS040	BHAVYA JAIN	80.996	A
5	17EJCCS013	AKANSHA KHANDELWAL	80.576	A
6	17EJCCS063	HEMANT JAJOO	80.336	A
7	17EJCCS050	DEEPALI GUPTA	80.09	A
8	17EJCCS051	DEEPANSHU JAIN	79.548	A
9	17EJCCS067	ISHAAN HEMRAJANI	79.484	A
10	17EJCCS019	AKSHITA BHARDWAJ	78.134	A
11	17EJCCS065	HIMANI JAIN	77.86	A
12	17EJCCS029	ARPIT KHANDELWAL	76.908	A
13	17EJCCS001	AARUSHI GUPTA	76.11	A
14	17EJCCS004	ABHAY MADAN	75.846	A
15	17EJCCS039	BHAVESH KHANDELWAL	75.6	A
16	17EJCCS062	HARSHIT BANSAL	75.256	A
17	17EJCCS035	AYUSHI AGRAWAL	75.246	B
18	17EJCCS036	AYUSHI KHANDELWAL	74.512	B
19	17EJCCS023	ANKIT GOKHROO	74.292	B
20	17EJCCS052	DEVANSH PATNI	74.26	B
21	17EJCCS005	ABHINAV KOTHARI	74.022	B
22	17EJCCS003	ABHAY GUPTA	73.82	B
23	17EJCCS043	CHETAN GAUR	73.772	B
24	17EJCCS008	ADITI MAHESHWARI	72.982	B
25	17EJCCS061	HARSH VIJAY	72.902	B
26	17EJCCS017	AKSHAY KUMAR	72.794	B
27	17EJCCS037	BHARAT KUMAR	72.656	B
28	17EJCCS047	DEEPAK CHHIPA	72.226	B
29	17EJCCS057	GOPI VALLABH AGARWAL	72.094	B
30	17EJCCS006	ABHISHEK VARSHNEY	71.482	B
31	17EJCCS016	AKSHAT MATHUR	71.344	B
32	17EJCCS026	ANMOL KAUL	71.334	B
33	17EJCCS033	ARYAN SHARMA	71.328	C
34	17EJCCS058	GOUTAM DADHICH	71.156	C

Department of Computer Science and Engineering

35	17EJCCS045	CHIRAG GOYAL	71.154	C
36	17EJCCS020	ALOK MEHTA	71.04	C
37	17EJCCS054	DHANESH GUPTA	70.956	C
38	17EJCCS064	HERAMBH SHARMA	70.86	C
39	17EJCCS009	ADITI SINGH	70.792	C
40	17EJCCS021	AMAN GUPTA	70.48	C
41	17EJCCS025	ANKIT VAISHNAV	70.328	C
42	17EJCCS055	DILIP JAIN	70.048	C
43	17EJCCS032	ARYAN KAUSHIK	70.01	C
44	17EJCCS018	AKSHIT SONI	69.872	C
45	17EJCCS046	CHIRAYU BANSAL	69.52	C
46	17EJCCS031	ARYAN AGARWAL	69.044	C
47	17EJCCS060	HARSH MAHESHWARI	68.82	C
48	17EJCCS030	ARPIT PATIDAR	68.254	D
49	17EJCCS022	AMAN RAJ	67.46	D
50	17EJCCS066	HIRDESH BANSAL	67.26	D
51	17EJCCS044	CHINMAY JAIN	67.16	D
52	17EJCCS049	DEEPAK TEKWANI	67.102	D
53	17EJCCS014	AKHIL AGARWAL	66.472	D
54	17EJCCS028	ANUJ GODARA	66.226	D
55	17EJCCS002	AAYUSH JAIN	65.938	D
56	17EJCCS034	ASHISH MAHAWAR	65.822	D
57	17EJCCS041	BHAVYA VIJAYVERGIYA	65.4	D
58	17EJCCS010	ADITYA SHARMA	64.982	D
59	17EJCCS015	AKSHAT JAIMAN	63.034	D
60	17EJCCS056	DURGESH DADHICH	62.12	D
61	17EJCCS012	AKANSH BANSAL	57.002	D
62	17EJCCS011	AJAY PAL SINGH	17.296	D

Department of Computer Science and Engineering

JAIPUR ENGINEERING COLLEGE & RESEARCH CENTRE, JAIPUR
Department of Computer Science & Engineering
B.Tech VII Semester (Section B)

Roll.No	University Roll No.	Name of Students	Percentage: B.Tech Agg.	Group
1	17EJCCS110	NIKITA RATHORE	84.138	A
2	17EJCCS111	NIPUNIKA UPADHYAY	83.804	A
3	17EJCCS099	MANISH KUMAR GARG	83.004	A
4	17EJCCS104	MOHIT JAIN	82.534	A
5	17EJCCS096	MALVIKA KUSHWAH	81.204	A
6	17EJCCS109	NIKHIL NAGAR	81.128	A
7	17EJCCS070	JAYESH JOSHI	80.794	A
8	17EJCCS105	NAINSIGOYAL	80.566	A
9	17EJCCS085	KRATI GUPTA	79.852	A
10	17EJCCS100	MANISH RAJ	79.048	A
11	17EJCCS069	ISHITA MOTIANI	78.062	A
12	17EJCCS132	PRAVEEN GODARA	78.018	A
13	17EJCCS106	NAMAN JAIN	77.824	A
14	17EJCCS092	LAVEENA GANGWANI	77.602	A
15	17EJCCS086	KRATIKA JAIN	76.824	A
16	17EJCCS071	JITENDRA SHARMA	76.72	A
17	17EJCCS089	KUNAL SHARMA	76.276	B
18	17EJCCS082	KHYATI JHA	76.104	B
19	17EJCCS102	MEENAKSHI PALARIYA	75.89	B
20	17EJCCS117	PIYUSH GUPTA	74.406	B
21	17EJCCS076	KARTIK AGARWAL	73.338	B
22	17EJCCS077	KARTIKEY SHARMA	73.24	B
23	17EJCCS125	PRASOON DASHORA	73.18	B
24	17EJCCS118	PIYUSH GURNANI	73.176	B
25	17EJCCS093	LAXIT YADAV	73.164	B
26	17EJCCS131	PRATHAM JAIN	73.026	B
27	17EJCCS121	PRADHYUMNA PALORE	72.354	B
28	17EJCCS079	KESHAV KABRA	71.708	B
29	17EJCCS124	PRANCHAL SOMANI	70.778	B
30	17EJCCS107	NARENDRA SINGH RATHORE	70.622	B
31	17EJCCS103	MOHIT GUPTA	70.584	B

Department of Computer Science and Engineering

32	17EJCCS108	NIHAL GUPTA	70.412	B
33	17EJCCS081	KEWAL YADUVANSHI	70.41	C
34	17EJCCS114	PARAG TALUKA	70.208	C
35	17EJCCS130	PRATHAM GARG	70.2	C
36	17EJCCS095	MADHAV SINGHAL	69.956	C
37	17EJCCS128	PRATEEK JAIN	69.938	C
38	17EJCCS115	PARTH GOYAL	69.446	C
39	17EJCCS087	KRITIK JAIN	69.246	C
40	17EJCCS126	PRATEEK BANSAL	69.242	C
41	17EJCCS120	PRABHAV MEHTA	69.092	C
42	17EJCCS078	KASHISH	68.856	C
43	17EJCCS090	LAKHAN KACHHAWA	68.652	C
44	17EJCCS080	KESHAV SINGH	68.384	C
45	17EJCCS112	NITIN DIXIT	67.24	C
46	17EJCCS127	PRATEEK JAIN	67.228	C
47	17EJCCS116	PAWAN JAIN	67.172	C
48	17EJCCS091	LAKSHYA SHARMA	66.012	D
49	17EJCCS113	NIVISH SHARMA	65.82	D
50	17EJCCS088	KSHITIZ AGGARWAL	64.68	D
51	17EJCCS072	JITENDRA SINGH	64.486	D
52	17EJCCS073	JUNAID AHMAD BHAT	64.25	D
53	17EJCCS119	POORVANSHU GUPTA	63.658	D
54	17EJCCS123	PRAKHAR BHATRA	63.25	D
55	17EJCCS084	KOMAL SHARMA	63.232	D
56	17EJCCS097	MAN VAISHNAV	63.218	D
57	17EJCCS129	PRATEEK MAHESHWARI	61.018	D
58	17EJCCS101	MD SHADMAN KHAN	60.482	D
59	17EJCCS122	PRAJJWAL	60.2	D
60	17EJCCS094	LOKESH KUMAR SAINI	58.63	D
61	17EJCCS074	KAPIL KUMAR	56.798	D
62	17EJCCS075	KARAMVEER SINGH	41.52	D

Department of Computer Science and Engineering

JAIPUR ENGINEERING COLLEGE & RESEARCH CENTRE, JAIPUR

Department of Computer Science & Engineering

B.Tech VII Semester (Section C)

Roll.No	University Roll No.	Name of Students	Percentage: B.Tech Agg.	Group
1	17EJCCS177	TARU KHANDELWAL	82.688	A
2	17EJCCS303	ANKIT KUMAR JAT	81.042	A
3	18EJCCS202	CHINMAY JAIN	80.676	A
4	18EJCCS200	AAKANKSHA	79.88	A
5	17EJCCS135	PRIYANSHI RAJORIYA	77.55	A
6	17EJCCS167	SPARSH JAIN	77.124	A
7	17EJCCS134	PRIYANKA VIJAY	76.498	A
8	17EJCCS182	TUSHAR HADA	75.968	A
9	17EJCCS139	RAJANI SHARMA	75.076	A
10	17EJCCS153	SAMYAK JAIN	74.8	A
11	17EJCCS137	RAHUL CHOUDHARY	74.328	A
12	17EJCCS171	SWATI MAHESHWARI	74.162	A
13	17EJCCS141	RAJEEV PARUI	73.914	A
14	17EJCCS190	YASH AGRAWAL	73.758	A
15	17EJCCS136	PUNEET GARG	73.138	A
16	18EJCCS201	AKSHIT KAUSHIK	72.85333333	A
17	17EJCCS169	SUMIT GUPTA	72.624	A
18	17EJCCS146	RISHABH BHATT	72.42	B
19	17EJCCS144	RAUNAK SARADA	71.77	B
20	17EJCCS168	SUCHIR AGRAWAL	70.522	B
21	17EJCCS187	VIKASH KUMAR	70.496	B
22	17EJCCS161	SHIVRAJ SWAMI	70.436	B
23	17EJCCS133	PRIYANKA GUPTA	70.182	B
24	17EJCCS140	RAJAT GULATI	69.956	B
25	17EJCCS188	VINAY GUPTA	69.906	B
26	17EJCCS302	JAHANVI SINGH	69.6	B
27	17EJCCS165	SOUMYA	69.512	B
28	17EJCCS149	RUPESH KUAMR SINGH	69.456	B
29	17EJCCS148	RIYA GOYAL	69.302	B
30	17EJCCS172	TANISHK BAGRA	69.3	B
31	17EJCCS183	UJJWAL GOYAL	69.126	B
32	17EJCCS186	VIJAY DHAKED	69.106	B
33	17EJCCS150	SACHIN SHARMA	68.896	B
34	17EJCCS142	RAJENDERPRASAD DHAKA	68.764	B
35	17EJCCS155	SATYAM SAHAY	68.642	C

Department of Computer Science and Engineering

36	17EJCCS163	SHUBHAM JAIN	68.546	C
37	17EJCCS191	YASH VARDHAN	68.52	C
38	17EJCCS174	TANMAY PARASHAR	68.154	C
39	18EJCCS203	CHOUDHARY SHRAVAN GIRDHARILAL	67.482	C
40	17EJCCS300	SAKSHI SINGHAL	67.07	C
41	17EJCCS179	TAUSEEF SAFI	66.828	C
42	17EJCCS138	RAHUL SINGH CHAUHAN	66.658	C
43	17EJCCS192	YASH YADAV	66.412	C
44	17EJCCS159	SHIVAM LOHIYA	66.314	C
45	17EJCCS157	SHIVAM AGARWAL	66.052	C
46	17EJCCS180	TAVISHI SOLET	65.636	C
47	17EJCCS154	SARTHAK KAHALIYA	65.54	C
48	17EJCCS151	SAHIL SUBNANI	65.504	C
49	17EJCCS143	RAKSHIT PORWAL	65.42	C
50	17EJCCS175	TANU PRIYA	65	C
51	17EJCCS156	SAURABH SHARMA	64.736	C
52	17EJCCS166	SOURABH KUMAR RAI	64.642	D
53	17EJCCS304	SANDEEP JAIN	64.56	D
54	17EJCCS178	TARUN DHABHAI	64.486	D
55	17EJCCS147	RISHABH SHARMA	64.44	D
56	17EJCCS162	SHUBHAM AGARWAL	64.04	D
57	18EJCCS206	MOHANI BHARADWAJ	63.58666667	D
58	18EJCCS205	POOJA JOSHI	63.3	D
59	17EJCCS184	UMANG GOENKA	63.218	D
60	17EJCCS164	SHUBHAM KUMAR	61.516	D
61	18EJCCS204	DIKSHA GOYAL	61.5	D
62	18EJCCS207	NATIONAL MENARIA	61.48333333	D
63	17EJCCS173	TANMAY KUMAWAT	61.16	D
64	18EJCCS208	SAURABH KUSHWAH	59.07333333	D
65	18EJCCS209	VAIBHAV JAIN	57.62666667	D
66	17EJCCS301	NIKITA MITRA	56.71	D
67	17EJCCS145	RISHABH AGARWAL	56.236	D
68	17EJCCS152	SAHIL TAKHAR	0	D

Department of Computer Science and Engineering

JAIPUR ENGINEERING COLLEGE & RESEARCH CENTRE, JAIPUR
Department of Computer Science & Engineering
B.Tech VII Semester (Section D)

Roll.No	University Roll No.	Name of Students	Percentage: B.Tech Agg.	Group
1	17EJCCS701	AASHISH CHAUHAN	66.022	A
2	17EJCCS739	PIYUSH BOHRA	87.366	A
3	17EJCCS704	ADITYA PORWAL	81.962	A
4	17EJCCS719	DIYA PATEL	80.44	A
5	17EJCCS753	SHREYA LATALA	80.122	A
6	17EJCCS745	PRIYANSHI KHANDELWAL	78.852	A
7	17EJCCS748	RAJAT ARYA	78.656	A
8	17EJCCS712	ARUNDHATI SHARMA	77.972	A
9	17EJCCS740	PIYUSH MANTRI	76.122	A
10	17EJCCS710	ANKIT KUMAR	75.166	A
11	17EJCCS754	SHRUTI JAIN	75.038	A
12	17EJCCS721	GAURAV SINGHAL	75	A
13	17EJCCS723	HARSH KUMAR TYAGI	74.32	A
14	17EJCCS729	KARTIK KATARA	74.316	A
15	17EJCCS750	ROHIT VIJAY	73.548	A
16	17EJCCS711	ANUJ PARASHAR	73.214	B
17	17EJCCS752	SHIVANSH MAHESHWARI	72.224	B
18	17EJCCS732	LAKSHYA SHARMA	71.888	B
19	17EJCCS747	PURU AGARWAL	71.24	B
20	17EJCCS707	AKSHIT OSTWAL	70.988	B
21	17EJCCS708	ALOK KUMAR	70.916	B
22	17EJCCS758	SMRITI KHANWANI	70.44	B
23	17EJCCS705	ADITYA SURANA	70.248	B
24	17EJCCS702	AAYUSH CHOUDHARY	70.138	B
25	17EJCCS756	SHUBHAM TAILOR	70.088	B
26	17EJCCS760	VISHAL CHOUDHARY	69.882	B
27	17EJCCS755	SHUBHAM SHARMA	69.722	B
28	17EJCCS725	HARSHIT SHARMA	69.61	B
29	17EJCCS716	CHIRAG JAIN	69.5	B



Department of Computer Science and Engineering

30	17EJCCS749	RITIK JAIN	69.494	B
31	17EJCCS751	SARVAGYA SHARMA	69.06	C
32	17EJCCS761	YASH GUPTA	68.728	C
33	17EJCCS757	SHWETA KUMARI	68.318	C
34	17EJCCS713	ASHISH KUMAR	68.062	C
35	17EJCCS738	PARTH LOCHAN CHOUBISA	67.922	C
36	17EJCCS759	SOURABH KHANDELWAL	67.91	C
37	17EJCCS709	AMAN MATOLIYA	67.864	C
38	17EJCCS718	DHEERAJ SINGH	67.524	C
39	17EJCCS735	NIKHIL PAREEK	67.494	C
40	17EJCCS728	KANISHKA SHARMA	67.284	C
41	17EJCCS351	ABHISHEK TIWARI	66.774	C
42	17EJCCS733	LALIT KUMAR SHARMA	66.66	C
43	17EJCCS737	PANKAJ MEMROT	66.442	C
44	17EJCCS742	PRAMVEER CHOUHAN	66.396	C
45	17EJCCS741	PRADHUMAN OJHA	66.316	C
46	17EJCCS706	AKHIL SUKHNANI	65.856	D
47	17EJCCS715	CHANDAN KUMAR	65.322	D
48	17EJCCS720	GAURANG SHARMA	64.618	D
49	17EJCCS726	HIMANSHU JAIN	64.6	D
50	17EJCCS730	KESHAV JANGID	64.56	D
51	17EJCCS724	HARSHIT MATHUR	64.454	D
52	17EJCCS714	AYUSH JAIN	63.812	D
53	17EJCCS727	HRITHIK JAIN	63.736	D
54	17EJCCS350	PRAKASH SINGH RAJAWAT	63.3	D
55	17EJCCS717	DHARMESH KOCHAR	63.026	D
56	17EJCCS703	ABHISHEK CHOUDHARY	62.704	D
57	17EJCCS722	GIRISH GARG	57.736	D
58	17EJCCS736	NOBLE RATHI	54.728	D
59	17EJCCS744	PRINCE KUMAR PANDEY	54.14	D

Table 2.2.3e: Group Categorization

Department of Computer Science and Engineering

Sample of Faculty Specialization/Interest Areas (2020-21):

JAIPUR ENGINEERING COLLEGE & RESEARCH CENTRE					
Department of Computer Science & Engineering					
FACULTY SPECIALIZATION AREAS, SESSION 2020-21					
S. No	Name	Area 1	Area 2	Area 3	Area 4
1	Dr. Sanjay Gour	Data Mining	Data Science and Analytics	Machine Learning	Digital Marketing
2	Dr Vijeta Kumawat	Cloud Computing	Machine Learning	Artificial Intelligence	Internet of Things
3	Dr. NilamChoudhary	Cloud computing	RPA	Internet of Things	
4	Mr. Amit Mithal	Data mining	RPA	Block chain	Machine learning
5	Mr Abhishek Dixit	Machine learning	RPA		
6	Ms Manju Vyas	Software Project Management	Machine Learning	Web Development	Internet of Things
7	Mr Kanishk Jain	Software Project Management	Web Development	Data Science	Cloud Computing
8	Mr Ashish Ameria	Image Processing	Security	Data Science	Cloud Computing
9	Mr Rajan Jha	Image Processing	Cyber Security	web development	Machine Learning and Data Analytics
10	Mr Sachin Gupta	Image Processing	Web Development	Data Science	Cloud Computing
11	Ms Anima Sharma	Machine Learning and Data Analytics	Data Science	Web Development	Machine Learning and Data Analytics
12	Ms Richa Sharma	Machine Learning and Data Analytics	Data Science	Web Development	Machine Learning and Data Analytics
13	Ms Priyanka Mitra	Machine Learning	Data Science or Analytics	Image Processing	Network on chip
14	Ms Uma Maheswari	machine learning	data science or Analytics	web development	block chain
15	Ms Geerija Lavania	machine learning	cloud computing	networking	web development

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16	Mr Abhishek Jain	Cloud computing	knowledge Engineering		
17	Mr Pradeep Kr Sharma	Cloud computing	Cyber Security	operating system/Embedded	Internet of Things
18	Ms Tanya Shruti	NLP	Cloud computing	Machine Learning and Data Analytics	Cyber Security
19	Ms Suniti Chouhan	Machine Learning and Data Analytics	Blockchain	Cloud computing	Security and Privacy
20	Ms Avani Sharma	Internet of Things	Security and Privacy	Blockchain	Machine Learning and Data Analytics
21	Ms Garima Garg	cyber security	internet of things	machine learning	blockchain
22	Ms Sweety Singhal	Machine Learning and data analytics	Cyber Security	Data Science	Blockchain
23	Ms Neha Solanki	Cloud computing	Cyber Security	Machine Learning and Data Analytics	Image Processing
24	Ms.Punita Panwar	Web development	machine learning	software project management	Artificial intelligence
25	Ms. Priya Jyotiyana	Image processing	web development	software project management	
26	Ms. Archana Gupta	Big Data	Artificial Intelligence	cyber security	Image Processing
27	Mr Neeraj Prakash	Soft Computing	SPM	Cloud Technology	Fault Tolerance
28	Mr. Anoop Kr Mehta	Social Network Analysis	Machine Learning	Image Processing	Data Science
29	Ms. Pratibha Sharma	Machine Learning	Deep Learning	Image Processing	Data Science or Analytics

Table 2.2.3f: Faculty Specialization/Interest Areas

Department of Computer Science and Engineering

Sample of Project Teams (2020-21):

S. No	Name of student	Title of project	Project Guide
A-1	Bhavya Jain	Self-Driving Car and Driver Warning System	Mr. Sachin Gupta
	Abhishek Varshney		
	Aditi Singh		
	Anuj Godara		
A-2	Hemant Jajoo	Safer Social Media	Mr. Sachin Gupta
	Deepak Chhipa		
	Goutam Dadhich		
	Hirdesh Bansal		
A-3	Deepanshu Jain	Flight Booking Chatbot	Mr. Sachin Gupta
	Harsh Vijay		
	Dilip Jain		
	Aayush Jain		
A-4	Akshita Bhardwaj	Food Visualization Using Augmented Reality	Mr. Kanishk Jain
	Devansh Patni		
	Alok Mehta		
	Aman Raj		
A-5	Akansha Khandelwal	On-Demand Water service Ordering Android Application	Mr. Kanishk Jain
	Ayushi Khandelwal		
	Aryan Kaushik		
	Akhil Agarwal		
A-6	Aarushi Gupta	Music web app controller	Mr. Kanishk Jain
	Aditi Maheshwari		
	Aryan Agarwal		
	Durgesh Dadhich		
A-7	Ankit Gupta	Driver Drowsiness Detection System	Mr. Ashish Ameria
	Chetan Gaur		
	Bhavya Vijayvergiya		
A-8	Abhay Madan	TravelTo: Travelling media app	Mr. Ashish Ameria
	Anmol Koul		
	Harsh Maheshwari		
	Deepak Tekwani		
A-9	Bhavesh Khandelwal	APTOS Blindness Detection	Ms. Manju Vyas
	Ankit Gokhroo		
	Ankit Vaishnav		

Department of Computer Science and Engineering

	Akshat Jaiman		
A-10	Harshit Bansal	Commutify: Conveyer Of Financial Services	Ms. Manju Vyas
	Gopi Vallabh Agarwal		
	Chirag Goyal		
A-11	Deepali Gupta	Query-Easy	Ms. Manju Vyas
	Abhay Gupta		
	Aman Gupta		
	Aditya Sharma		
A-12	Devyani Sharma	Hotel Review-sentimental Analysis	Ms. Anima Sharma
	Abhinav Kothari		
	Dhanesh Gupta		
	Chinmay Jain		
A-13	Himani Jain	Intelligence Examination System	Ms. Anima Sharma
	Bharat Kumar		
	Herambh Sharma		
A-14	Ishaan Hemrajani	Ai based crop detection app	Ms. Richa Sharma
	Ayushi Agrawal		
	Akshit Soni		
	Akansh Bansal		
A-15	Aditi Khandelwal	Fitness and Health Awareness via Social Media	Ms. Richa Sharma
	Akshat Mathur		
	Chirayu Bansal		
	Ashish Mahawar		
A-16	Arpit Khandelwal	Virtual vision	Ms. Richa Sharma
	Akshay Kumar		
	Aryan Sharma		
	Arpit Patidar		
B-1	Nikita Rathore	Automatic resume filter	Ms. Avani Sharma
	Piyush Gupta		
	Pawan Jain		
	Poorvanshu Gupta		
B-2	Krati Gupta	Stock Market Price prediction using Machine Learning	Ms. Avani Sharma
	Pradhyumna Palore		
	Prabhav Mehta		
	Kshitiz Aggarwal		
B-3	Jayesh Joshi	Project Evaluation System	Ms. Avani Sharma
	Nihal Gupta		

Department of Computer Science and Engineering

B-4	Mohit Jain	FRAS: Face Recognition attendance system	Ms. Priyanka Mitra
	Pratham Jain		
	Prateek Bansal		
	Mann Vaishnav		
B-5	Naman Jain	College Enquiry Chat Bot System	Ms. Priyanka Mitra
	Narendra Singh		
	Nitin Dixit		
	Prakhar Bhatra		
B-6	Manish Garg	Smart Hyre: A Smart Recruiting And Interview System	Ms. Priyanka Mitra
	Khyati Jha		
B-7	Manish Raj	File Locator	Mr. Amit Mithal
	Keshav Kabra		
	Keshav Singh		
	Md Shadman Khan		
B-8	Nikhil Nagar	Search and rescue operation for missing aircraft	Mr. Amit Mithal
	Laxit Yadav		
	Lakhan Kachhawa		
	Karamveer Singh Rathore		
B-9	Nainsi Goyal	Movie Recommendation system with sentiment analysis	Mr. Amit Mithal
	Piyush Gurnani		
	Prateek Jain		
	Nivish Sharma		
B-10	Kratika Jain	ATM Interface	Mr. Anoop Mehta
	Kartikey Sharma		
	Parag Taluka		
	Prajwal Rathi		
B-11	Malvika Kushwah	Jobs Picker - Job search using web scraping	Mr. Anoop Mehta
	Meenakshi Palariya		
	Parth Goyal		
B-12	Ishita Motiani	Smart Attendance	Mr. Anoop Mehta
	Kashish		
	Komal Sharma		
B-13	Nipunika Upadhyay	Disease prediction web app	Dr. Vijeta Kumawat
	Pranchal Somani		
	Pratham Garg		
	Prateek Maheshwari		
B-14	Jitendra Sharma	Sentimental Analysis on Amazon Food Reviews	Dr. Vijeta Kumawat
	Kunal Sharma		

Department of Computer Science and Engineering

	Kritik Jain		
	Jitendra Singh		
B-15	Laveena Gangwani	System Exploitation	Mr. Abhishek Jain
	Kartik Agarwal		
	Kewal Yaduvanshi		
	Junaid Ahmad		
B-16	Mohit Gupta	Online classroom web app	Mr. Abhishek Jain
	Madhav Singhal		
	Lokesh Kumar Saini		
	Kapil K. Patidar		
B-17	Praveen Godara	MaidInIndia : An Online Domestic Services Booking Web Application	Mr. Abhishek Jain
	Prasoon Dashora		
	Prateek Jain		
	Lakshya Sharma		
C-1	Rajeev Parui	The MusicSpace	Ms. Uma Maheshwari
	Sahil Subhnani		
	Sourabh Kumar Rai		
C-2	Chinmay Jain	Smart Hr-Administration	Ms. Uma Maheshwari
	Rupesh Kumar Singh		
	Shivam Agarwal		
	Vaibhav Jain		
C-3	Akshit Kaushik	Online Voting System	Dr. Nilam Choudhary
	Rajender P. Dhaka		
	Choudhary Shravan Girdharilal		
	Sourabh Kushwah		
C-4	Samyak Jain	pdf manipulator	Dr. Nilam Choudhary
	Tauseef Safi		
	Shubham Kumar		
C-5	Akanksha Kumawat	In Shorts News	Dr. Nilam Choudhary
	Shivraj Swami		
	Tavishi Solet		
	Sandeep Jain		
C-6	Tushar Hada	Project and Portfolio management	Mr. Abhishek Dixit
	Ujjwal Goyal		
	Shubham Agarwal		
C-7	Taru Khandelwal	Ekart-An Ecommerce site	Mr. Abhishek Dixit

Department of Computer Science and Engineering

	Priyanka Gupta		
	Sakshi Singhal		
	Nikita Mitra		
C-8	Sumit Gupta	Food Ordering App	Mr. Abhishek Dixit
	Tanishk Bagra		
	Yash Yadav		
	National Menaria		
C-9	Sparsh Jain	CodingAlphas : A Developers community	Mr. Rajan Jha
	Riya Goyal		
	Tanu Priya		
	Rishabh Agarwal		
C-10	Priyanshi Rajoriya	Blog Application with integrated Education Portal to learn new technologies	Mr. Rajan Jha
	Vinay Gupta		
	Satyam Sahay		
C-11	Rajani Sharma	Business Card Share Application	Mr. Rajan Jha
	Jahanvi Singh		
	Sarthak Kahaliya		
	Mohani Bhardwaj		
C-12	Rishabh Bhatt	House price prediction using machine learning	Ms. Priya Jyotiyana
	Saurabh Sharma		
	Diksha Goyal		
C-13	Puneet Garg	Frolic - a blog made using CMS	Ms. Priya Jyotiyana
	Vikash Kumar		
	Rakshit Porwal		
	Pooja Joshi		
C-14	Rahul Choudhary	Career Guidance Website	Ms. Priya Jyotiyana
	Rajat Gulati		
	Rahul Singh Chauhan		
	Tarun Dhabhai		
C-15	Priyanka Vijay	Predictive Data Analysis for Heart Attack Data	Ms. Punita Panwar
	Suchir Agrawal		
	Shivam Lohiya		
C-16	Swati Maheshwari	EasyDB	Ms. Punita Panwar
	Soumya		
	Yash Vardhan		
	Umang Goenka		
C-17	Yash Agrawal	E-Commerce Website	Mr. Neeraj Prakash
	Vijay Dhaked		

Department of Computer Science and Engineering

	Tanmay Parashar		
	Tanmay Kumawat		
C-18	Ankit Kumar Jat	LinkBook (A social media platform)	Mr. Neeraj Prakash
	Sachin Sharma		
	Shubham Jain		
	Rishabh Sharma		
D-1	Harsh Kumar Tyagi	ExamBuzz	Ms. Tanya Shruti
	Shivansh Maheshwari		
	Nikhil Pareek		
	Ayush Jain		
D-2	Diya Patel	Automatic question paper generator	Ms. Tanya Shruti
	Aditya Surana		
	Sourabh Khandelwal		
	Harshit Mathur		
D-3	Lakshya Sharma	PAREEKSHA	Ms. Tanya Shruti
	Aditya Porwal		
	Abhishek Choudhary		
	Pradhuman Ojha		
D-4	Abhishek Tiwari	Woman Safty App	Ms. Sweety Singhal
	Yash Gupta		
	Prakash Singh Rajawat		
D-5	Rajat Arya	World Identification from minimal sample	Ms. Sweety Singhal
	Shubham Sharma		
	Kanishka Sharma		
	Keshav Jangid		
D-7	Priyanshi Khandelwal	Pneumonia chest X ray analysis	Ms. Suniti Chauhan
	Smriti Khanwani		
	Parth Lochan		
	Chandan Kumar		
D-8	Shruti Jain	Social Media Fake News Detection	Ms. Suniti Chauhan
	Ritik Jain		
	Pramveer Chouhan		
	Hrithik Jain		
D-9	Ankit Kumar	Automatic Number Plate Recognition System	Ms. Suniti Chauhan
	Chirag Jain		
	Dheeraj Singh		
	Girish Garg		

Department of Computer Science and Engineering

D-10	Shreya Latala	DEIPHI: An Automation Tool	Ms. Garima Garg
	Anuj Parashar		
	Shweta Kumari		
	Akhil Sukhnani		
D-11	Piyush Mantri	Matic Wallet (App. to stake crypto)	Ms. Garima Garg
	Vishal Choudhary		
	Ashish Kumar		
D-12	Kartik Katara	Image InPinting using GAN	Ms. Garima Garg
	Shubham Tailor		
	Aman Matoliya		
	Himanshu Jain		
D-13	Rohit Vijay	Blood Donar Finder	Dr. Sanjay Gaur
	Lalit Sharma		
	Aayush Choudhary		
	Prince Kumar Pandey		
D-14	Piyush Bohra	Resume filter (A bot for TPO)	Dr. Sanjay Gaur
	Akshit Ostwal		
	Sarvagya Sharma		
D-15	Aashish Chauhan	Conversational AI Chatbot -Covid Resource Assistant hosted on web	Dr. Sanjay Gaur
	Harshit Sharma		
	Dharmesh Kochar		
D-16	Gaurav Singhal	Fake News Detection	Ms. Neha Solanki
	Puru Agarwal		
	Gaurang Sharma		
D-17	Arundhati Sharma	Price Analysis System	Ms. Neha Solanki
	Alok Kumar		
	Pankaj Memrot		
	Noble Rathi		

Department of Computer Science and Engineering

Project Evaluation Process:

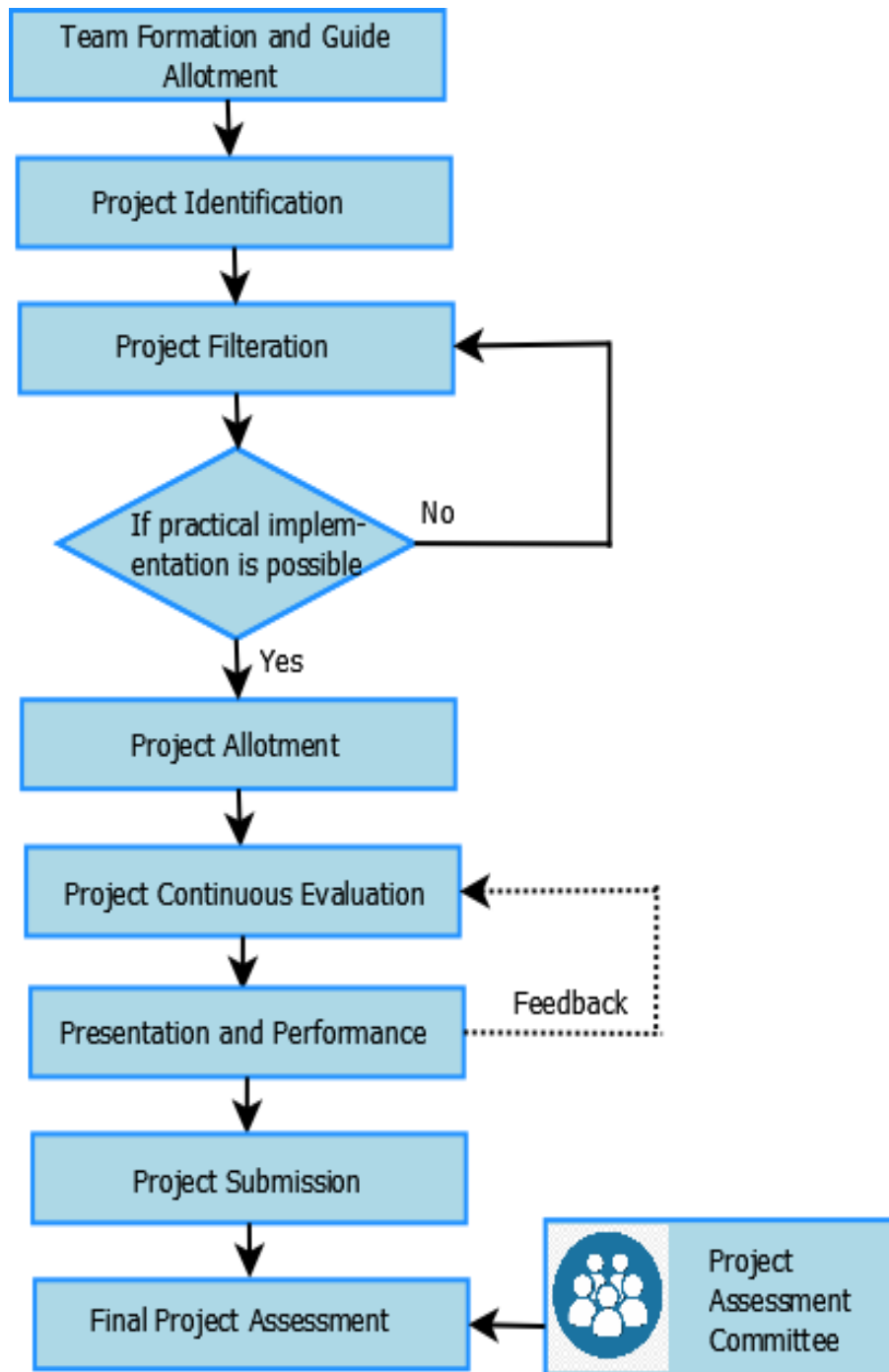


Figure 2.2.3B: Project Evaluation Process

Department of Computer Science and Engineering

Project Identification

- Project coordinator issues a circular at the end of 6th semester to all faculty members to provide their area of interest and the list of five projects to be given to the students.
- Students are also encouraged to submit the idea by brainstorming their interest area with corresponding faculty's Specialization/Interest area for doing the project.
- Each group of students decides the project guide according to their area of interest.
- Students are encouraged for the project mapped with CO's specified for the project and based on departmental PSO's.
- Students are encouraged for the project to solve the problems available on various government websites.
- Students are encouraged for the project to solve the problems available through SIH.
- Students are also encouraged to submit the idea based on contemporary and cutting-edge issues.
- Students are also encouraged to submit the idea based on gap identified.
- Final list of projects has been made and display on notice board.

Project Filtration & Allotment

- Each team or group of students discusses their own project idea with their guide.
- If the project idea submitted by the student/ group of students fulfills the basic requirements, then it will be allotted to that student/ group of students.
- If it does not fulfill the basic requirements, then a new project idea is allotted to that student/group of students.
- Project Assessment Committee finalizes the allotted project to student/ group of students.

Project Continuous Evaluation

- After completion of the project allotment process projects are assessed as per continuous evaluation.
- Project coordinator displays the deadline on notice board for the progress report presentations and final submission of the project report.
- Each group has to submit weekly progress report to the respective guide.
- Each team show their project demonstration followed by viva-voice in front of guide, then guide review the progress and gives suggestions.
- Each student/group of students (maximum 2) have to submit research paper on their project domain and also presented in the National/International conferences.
- A separate evaluation of presentation in conference is assessed by 50 marks.

Procedure of Project Evaluation

- A presentation followed by viva voce is also carried out at the end of semester in front of the external examiner and other students.
- Each group of students has to submit a report of their work along with the role of each team member.
- The project exhibition is carried out at the end of semester. Student/group of students demonstrated the project in front of external examiner and other students.

Department of Computer Science and Engineering

- Final Assessment of the project and marks finalization is done by the project assessment team along with external examiner and respective guide
- The procedure of project work is given in Table B 2.2.3h. The project marks bifurcation and distribution is presented in Table B.2.2.3i and Table B.2.2.3j respectively.

Department of Computer Science and Engineering

Subject Code	Semester	Nature of Work	Assessment
Project 8CS7-0	VIII	New Project idea or extension of Minor Project	Problem Definition
		Project Implementation	Progress Presentation
		Project Testing	Project Demonstration
		Teamwork Assessment	Project Report& Demonstration
		University Viva	Project Report

Table B.2.2.3h: Project Evaluation Process

Scheme for the Project Evaluation

The project assessment committee has decided the project marks bifurcation as the following format:

Internal (210)		External (140)	Total (350)
Continuous Evaluation (160)	Conference Paper (50)		

Table B.2.2.3i: Project Marks Bifurcation

- Project Coordinator finalizes the evaluation criteria in a meeting with other members of project committee and send following formats to all the Project Guides through the CC:
- Guide's Continuous Evaluation sheet (Internal Assessment)
- Final Evaluation Sheet (External Assessment)

Marks Distribution:

A.

Weekly Progress	Continuous Evaluation (160)	Evaluated by: Project Guide
Week 1	Brainstorming and Project Proposal	5 Marks
	Progress Presentation & Viva	15 Marks
Week 2	Synopsis Submission	20 Marks
Week 3, 4, 5, 6, 7	Progress Presentations and Execution	100 Marks
Week 8	Project Report	20 Marks

B.

External Evaluation (140)	Evaluated by: External Examiner
Presentation	50 Marks
External Viva	50 Marks
Report	40 Marks

C.

Conference Paper (50)	Evaluated by: Conference Technical Committee
Presentation	15 Marks
Objectives/Finding and Results	10 Marks
Innovative/Existing	15 Marks
Q&A	10 Marks

Table B.2.2.3j: Project Marks Distribution

Department of Computer Science and Engineering

All Project Guides submit the signed list of marks (of their project team) to the respective CC. All CCs will send the final data to the Project Coordinator. Project Coordinator will prepare the consolidated list of marks and get it signed by all the CCs.

Sample of continuous Evaluation:

JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE, TONK ROAD JAIPUR														
Department of Computer Science & Engineering														
Major Project: Final Year-8CSC														
S. No.	Name of Student	Project Guide	Week 1			Week 2		Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Total Marks
			Brainstroming & Title Finalization	Presentation	Viva	Synopsis Submission	Viva	Progress Presentation 1	Progress Presentation 2	Execusion Status	Progress Presentation 3	Progress Presentation 4	Report/ Demonstration	
			5	10	5	15	5	20	20	20	20	20	20	160
1	Rajeev Parui	Uma Maheshwari	5	10	4	15	4	18	18	18	19	19	19	149
2	Raunak Sarada		5	10	4	15	4	18	18	18	19	18	19	148
3	Sahil Subhnani		5	10	4	15	4	18	18	18	18	18	18	146
4	Sourabh Kumar Rai		5	10	4	15	4	18	18	18	19	18	18	147
5	Chinmay Jain		5	10	4	15	4	17	17	18	17	17	18	142
6	Rupesh Kumar Singh		5	10	4	15	4	17	17	18	17	17	18	142
7	Shivam Agarwal		5	10	4	15	4	17	17	17	17	17	17	140
8	Vaibhav jain		5	10	4	15	4	17	17	18	17	17	18	142
9	Tushar Hada	Abhishek Dixit	4	7	4	12	4	15	14	16	15	16	17	124
10	Ujjwal Goyal		4	8	4	12	4	16	15	15	16	15	17	126
11	SHUBHAM AGARWAL		1	4	1	8	2	12	11	13	12	13	0	77
12	Sumit Gupta		4	7	3	11	3	14	15	14	15	16	16	118
13	Tanishk Bagra		3	7	4	12	4	15	13	15	16	15	14	118
14	Yash Yadav		4	8	4	12	4	15	14	16	15	16	17	125
15	National Menaria		4	8	3	11	4	13	14	15	16	14	12	114
16	SPARSH JAIN	Rajan Jha	4	8	4	13	4	14	17	16	16	14	15	125
17	RIYA GOYAL		3.5	7.5	3	12	3	12	15	14	15	13	14	112
18	TANU PRIYA		4	7	3	11	3	13	14	14	14	13	14	110
19	RISHABH AGRAWAL		3	6	2	11	3	12	14	13	14	13	13	104
20	PRIYANSHI RAJORIYA		4	8	4	13	4	17	16	15	16	15	16	128
21	VINAY GUPTA		3	6	3	13	3	16	16	14	15	14	15	118
22	SATYAM SAHAY		3.5	7.5	3	12	3	16	16	15	14	14	14	118
23	RAJANI SHARMA		4	8	4	13	4	17	16	15	15	14	15	125
24	JAHANVI SINGH		3	6	3	13	3	16	15	13	14	13	13	112
25	SARTHAK KAHALIYA		3.5	7.5	3	13	4	17	15	14	15	14	14	120
26	MOHANI BHARADWAJ	3	7	2	13	3	16	14	14	13	13	13	111	

Table B.2.2.3k: Project continuous Evaluation

Department of Computer Science and Engineering

Sample of Cover Page of Project Report

Project Report
On
<PROJECT TITLE IN UPPER CASE>

Submitted in partial fulfillment for the award of degree of
Bachelor of Technology

From
Rajasthan Technical University, Kota

By

<Student Name1>
<University Roll No 1>
<Student Name2>
<University Roll No 2>
<Student Name3>
<University Roll No 3>



Department of Computer Science and Engineering
Jaipur Engineering College & Research Centre
Jaipur
2020-2021



Department of Computer Science and Engineering

Sample of Student Projects (2020-21):

S. No	Name of student	Project Title	Project Area
A-1	Bhavya Jain	Self-Driving Car and Driver Warning System	Machine Learning, Computer Vision, Automation
	Abhishek Varshney		
	Aditi Singh		
	Anuj Godara		
A-2	Hemant Jajoo	Safer Social Media	Deep Learning Artificial Intelligence
	Deepak Chhipa		
	Goutam Dadhich		
	Hirdesh Bansal		
A-3	Deepanshu Jain	Flight Booking Chatbot	Machine Learning And Ai
	Harsh Vijay		
	Dilip Jain		
	Aayush Jain		
A-4	Akshita Bhardwaj	Food Visualisation Using Augmented Reality	Augmented Reality
	Devansh Patni		
	Alok Mehta		
	Aman Raj		
A-5	Akansha Khandelwal	On-Demand Water service Ordering Android Application	Flutter Based Android Application
	Ayushi Khandelwal		
	Aryan Kaushik		
	Akhil Agarwal		
A-6	Aarushi Gupta	Music web app controller	Web Application
	Aditi Maheshwari		
	Aryan Agarwal		
	Durgesh Dadhich		
A-7	Ankit Gupta	Driver Drowsiness Detection System	Machine Learning, Computer Vision
	Chetan Gaur		
	Bhavya Vijayvergiya		
A-8	Abhay Madan	TravelTo: Travelling media app	Machine Learning, Flutter
	Anmol Koul		
	Harsh Maheshwari		
	Deepak Tekwani		
A-9	Bhavesh Khandelwal	APTOS Blindness Detection	Deep Learning
	Ankit Gokhroo		
	Ankit Vaishnav		
	Akshat Jaiman		
A-10	Harshit Bansal		Web Application

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	Gopi Vallabh Agarwal Chirag Goyal	Commutify: Conveyer Of Financial Services	
A-11	Deepali Gupta Abhay Gupta Aman Gupta Aditya Sharma	Query-Easy	Web Application
A-12	Devyani Sharma Abhinav Kothari Dhanesh Gupta Chinmay Jain	Hotel Review- sentimental Analysis	Machine Learning, Natural Language Processing
A-13	Himani Jain Bharat Kumar Herambh Sharma	Intelligence Examination System	Django, Machine Learning
A-14	Ishaan Hemrajani Ayushi Agrawal Akshit Soni Akansh Bansal	Ai based crop detection app	Deep Learning
A-15	Aditi Khandelwal Akshat Mathur Chirayu Bansal Ashish Mahawar	Fitness and Health Awareness via Social Media	Flutter, Api's, MI, Firebase
A-16	Arpit Khandelwal Akshay Kumar Aryan Sharma Arpit Patidar	Virtual vision	MI, DI
B-1	Nikita Rathore Piyush Gupta Pawan Jain Poorvanshu Gupta	Automatic resume filter	Web Development
B-2	Krati Gupta Pradhyumna Palore Prabhav Mehta Kshitiz Aggarwal	Stock Market Price prediction using Machine Learning	Machine Learning
B-3	Jayesh Joshi Nihal Gupta	Project Evaluation System	Machine Learning
B-4	Mohit Jain Pratham Jain Prateek Bansal	FRAS: Face Recognition attendance system	Machine Learning

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	Mann Vaishnav		
B-5	Naman Jain	College Enquiry Chat Bot System	Machine Learning
	Narendra Singh		
	Nitin Dixit		
	Prakhar Bhatra		
B-6	Manish Garg	Smart Hyre: A Smart Recruiting And Interview System	Web Application
	Khyati Jha		
B-7	Manish Raj	File Locator	Web Application
	Keshav Kabra		
	Keshav Singh		
	Md Shadman Khan		
B-8	Nikhil Nagar	Search and rescue operation for missing aircraft	Web Application And Gis
	Laxit Yadav		
	Lakhan Kachhawa		
	Karamveer Singh Rathore		
B-9	Nainsi Goyal	Movie Recommendation system with sentiment analysis	Machine Learning
	Piyush Gurnani		
	Prateek Jain		
	Nivish Sharma		
B-10	Kratika Jain	ATM Interface	Java
	Kartikey Sharma		
	Parag Taluka		
	Prajwal Rathi		
B-11	Malvika Kushwah	Jobs Picker - Job search using web scraping	Web Application
	Meenakshi Palariya		
	Parth Goyal		
B-12	Ishita Motiani	Smart Attendance	Machine Learning
	Kashish		
	Komal Sharma		
B-13	Nipunika Upadhyay	Disease prediction web app	Machine Learning, Flask
	Pranchal Somani		
	Pratham Garg		
	Prateek Maheshwari		
B-14	Jitendra Sharma		Machine Learning
	Kunal Sharma		

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	Kritik Jain	Sentimental Analysis on Amazon Food Reviews	
	Jitendra Singh		
B-15	Laveena Gangwani	System Exploitation	Cybersecurity
	Kartik Agarwal		
	Kewal Yaduvanshi		
	Junaid Ahmad		
B-16	Mohit Gupta	Online classroom web app	Web Application
	Madhav Singhal		
	Lokesh Kumar Saini		
	Kapil K. Patidar		
B-17	Praveen Godara	MaidInIndia : An Online Domestic Services Booking Web Application	Web Application
	Prasoon Dashora		
	Prateek Jain		
	Lakshya Sharma		
C-1	Rajeev Parui	The MusicSpace	Web Development
	Raunak Sarada		
	Sahil Subhnani		
	Sourabh Kumar Rai		
C-2	Chinmay Jain	Smart Hr-Administration	Web Development
	Rupesh Kumar Singh		
	Shivam Agarwal		
	Vaibhav Jain		
C-3	Akshit Kaushik	Online Voting System	Web Development
	Rajender P. Dhaka		
	Choudhary Shravan Girdharilal		
	Sourabh Kushwah		
C-4	Samyak Jain	pdf manipulator	Web Development
	Tauseef Safi		
	Shubham Kumar		
C-5	Akanksha Kumawat	In Shorts News	Web Development
	Shivraj Swami		
	Tavishi Solet		
	Sandeep Jain		
C-6	Tushar Hada		Web Development

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	Ujjwal Goyal	Project and Portfolio management	
	Shubham Agarwal		
C-7	Taru Khandelwal	Ekart-An Ecommerce site	Web Development
	Priyanka Gupta		
	Sakshi Singhal		
	Nikita Mitra		
C-8	Sumit Gupta	Food Ordering App	Android Development
	Tanishk Bagra		
	Yash Yadav		
	National Menaria		
C-9	Sparsh Jain	CodingAlphas : A Developers community	Web Development
	Riya Goyal		
	Tanu Priya		
	Rishabh Agarwal		
C-10	Priyanshi Rajoriya	Blog Application with integrated Education Portal to learn new technologies	Web Development
	Vinay Gupta		
	Satyam Sahay		
C-11	Rajani Sharma	Business Card Share Application	Web Development
	Jahanvi Singh		
	Sarthak Kahaliya		
	Mohani Bhardwaj		
C-12	Rishabh Bhatt	House price prediction using machine learning	Dataset, Machine Learning
	Saurabh Sharma		
	Diksha Goyal		
C-13	Puneet Garg	Frolic - a blog made using CMS	Web Development
	Vikash Kumar		
	Rakshit Porwal		
	Pooja Joshi		
C-14	Rahul Choudhary	Career Guidance Website	Web Development
	Rajat Gulati		
	Rahul Singh Chauhan		
	Tarun Dhabhai		
C-15	Priyanka Vijay	Predictive Data Analysis for Heart Attack Data	Machine Learning
	Suchir Agrawal		

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	Shivam Lohiya		
C-16	Swati Maheshwari	EasyDB	Database And Nlp
	Soumya		
	Yash Vardhan		
	Umang Goenka		
C-17	Yash Agrawal	E-Commerce Website	Web Development
	Vijay Dhaked		
	Tanmay Parashar		
	Tanmay Kumawat		
C-18	Ankit Kumar Jat	LinkBook (A social media platform)	Web Development
	Sachin Sharma		
	Shubham Jain		
	Rishabh Sharma		
D-1	Harsh Kumar Tyagi	ExamBuzz	Web Development
	Shivansh Maheshwari		
	Nikhil Pareek		
	Ayush Jain		
D-2	Diya Patel	Automatic question paper generator	Nlp
	Aditya Surana		
	Sourabh Khandelwal		
	Harshit Mathur		
D-3	Lakshya Sharma	PAREEKSHA	Core Java
	Aditya Porwal		
	Abhishek Choudhary		
	Pradhuman Ojha		
D-4	Abhishek Tiwari	Woman Safty App	Ai
	Yash Gupta		
	Prakash Singh Rajawat		
D-5	Rajat Arya	World Identification from minimal sample	Deep Learning
	Shubham Sharma		
	Kanishka Sharma		
	Keshav Jangid		
D-7	Priyanshi Khandelwal	Pneumonia chest X ray analysis	Cnn
	Smriti Khanwani		
	Parth Lochan		
	Chandan Kumar		

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D-8	Shruti Jain	Social Media Fake News Detection	Machine Learning
	Ritik Jain		
	Pramveer Chouhan		
	Hrithik Jain		
D-9	Ankit Kumar	Automatic Number Plate Recognition System	Deep Learning
	Chirag Jain		
	Dheeraj Singh		
	Girish Garg		
D-10	Shreya Latala	DEIPHI: An Automation Tool	Automation
	Anuj Parashar		
	Shweta Kumari		
	Akhil Sukhnani		
D-11	Piyush Mantri	Matic Wallet (App. to stake crypto)	Blockchain
	Vishal Choudhary		
	Ashish Kumar		
D-12	Kartik Katara	Image InPainting using GAN	Machine Learning
	Shubham Tailor		
	Aman Matoliya		
	Himanshu Jain		
D-13	Rohit Vijay	Blood Donar Finder	Data Analytics
	Lalit Sharma		
	Aayush Choudhary		
	Prince Kumar Pandey		
D-14	Piyush Bohra	Resume filter (A bot for TPO)	Rpa Technology
	Akshit Ostwal		
	Sarvagya Sharma		
D-15	Aashish Chauhan	Conversational AI Chatbot -Covid Resource Assistant hosted on web	Nlp, Node.Js
	Harshit Sharma		
	Dharmesh Kochar		
D-16	Gaurav Singhal	Fake News Detection	Machine Learning
	Puru Agarwal		
	Gaurang Sharma		
D-17	Arundhati Sharma	Price Analysis System	Machine Learning
	Alok Kumar		
	Pankaj Memrot		
	Noble Rathi		

Table 2.2.3l: List of Student Project

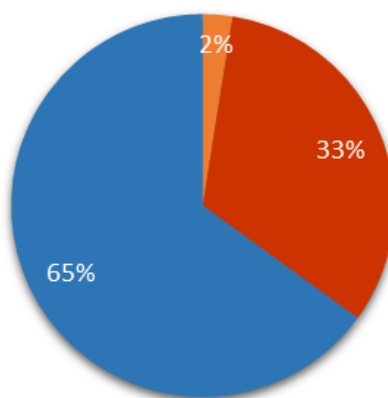
Department of Computer Science and Engineering

PROJECT IMPACT ANALYSIS OF THE ACADEMIC YEAR 2020-21

Total responses: 240

Project					
PO Based Questions	Strongly Disagree(1)	Disagree(2)	Neutral(3)	Agree(4)	Strongly Agree(5)
PO1	0	0	6	78	156
PO2	0	0	11	84	145
PO3	0	2	9	77	152
PO4	0	0	12	76	152
PO5	0	0	5	81	154
PO6	0	1	15	79	145
PO7	0	0	13	79	148
PO8	0	1	11	91	137
PO9	0	1	6	79	154
PO10	0	0	11	89	140
PO11	0	0	8	92	140
PO12	0	1	9	83	147

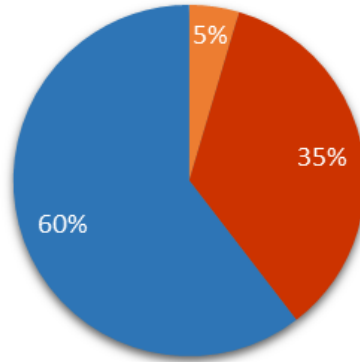
To what extent the project apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.



■ Strongly Disagree ■ Disagree ■ Neutral ■ Agree ■ Strongly Agree

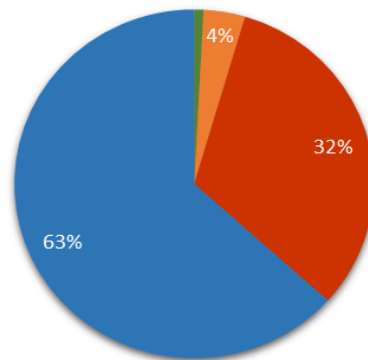
Department of Computer Science and Engineering

To what extent the project identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.



■ Strongly Disagree ■ Disagree ■ Neutral ■ Agree ■ Strongly Agree

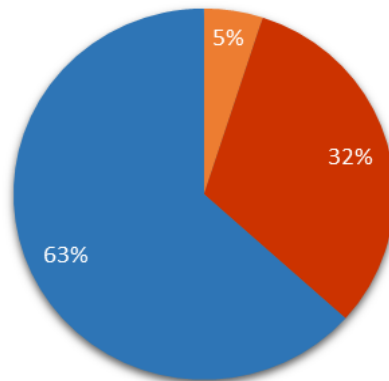
To what extent the project design solutions for complex engineering problems and design system components or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations



■ Strongly Disagree ■ Disagree ■ Neutral ■ Agree ■ Strongly Agree

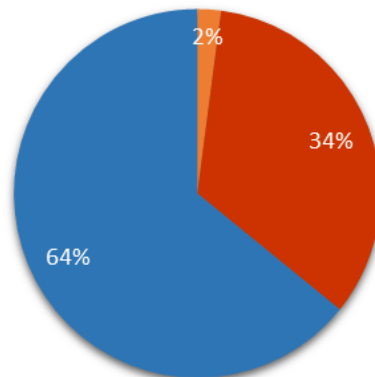
Department of Computer Science and Engineering

To what extent the project use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.



Strongly Disagree Disagree Neutral Agree Strongly Agree

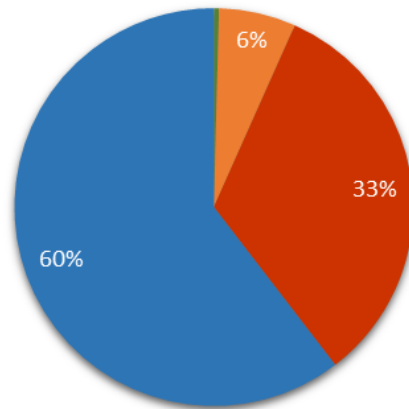
To what extent the project create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.



Strongly Disagree Disagree Neutral Agree Strongly Agree

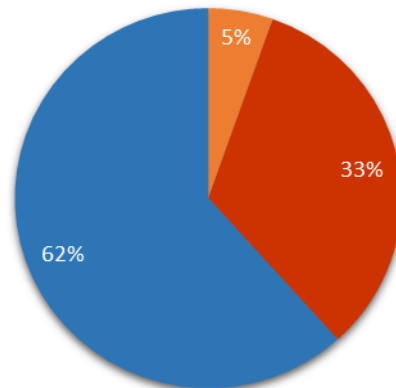
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To what extent the project apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.



■ Strongly Disagree ■ Disagree ■ Neutral ■ Agree ■ Strongly Agree

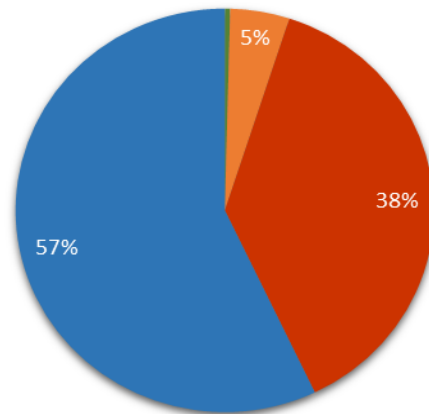
To what extent the project understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.



■ Strongly Disagree ■ Disagree ■ Neutral ■ Agree ■ Strongly Agree

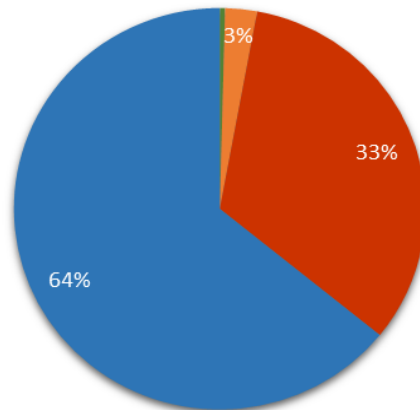
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To what extent the project apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.



Strongly Disagree Disagree Neutral Agree Strongly Agree

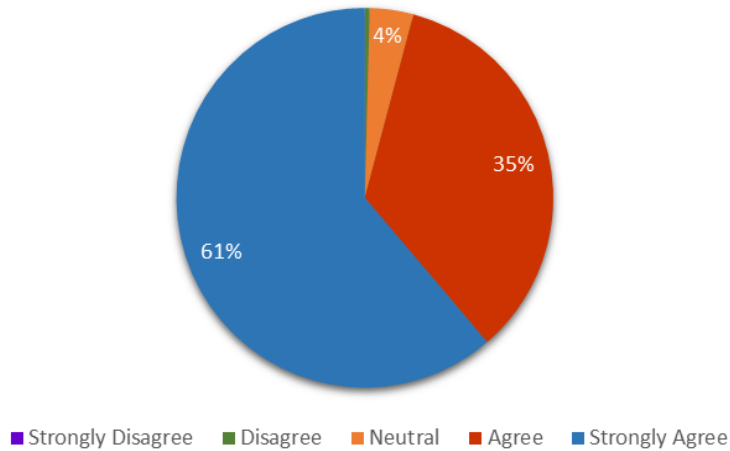
To what extent the project function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.



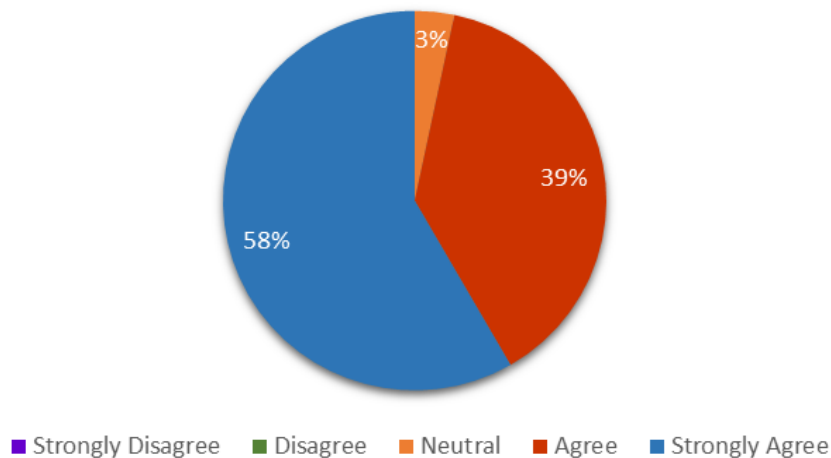
Strongly Disagree Disagree Neutral Agree Strongly Agree

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To what extent the project communicates effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports, design documentation, make effective presentations

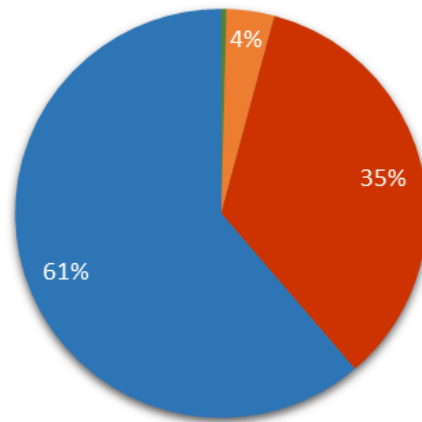


To what extent the project demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects in multidisciplinary environments.



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To what extent the project recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological changes needed.



■ Strongly Disagree ■ Disagree ■ Neutral ■ Agree ■ Strongly Agree

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JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE
JECRC Campus, Shri Ram Ki Nangal, Via-Vatika, Jaipur

S.No.	Questions	<80	≥80	Action Taken
1	To what extent the project apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.	2.5	97.5	Maximum projects are developed considering engineering fundamentals, mathematical background or engineering specialization. It is proposed to access the nature of project before development.
2	To what extent the project identify, formulate, research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.	4.6	95.4	It is proposed to make student acquainted from the research background, survey work, and analyse complex engineering behind the proposed project.
3	To what extent the project design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.	4.6	95.4	It is appreciated that students' projects match the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4	To what extent the project use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.	5	95	It is appreciated that majority of the students are aware about the research-based knowledge and research methods including analysis and interpretation of data. Further, it is proposed to discuss the same by various means like workshop, expert lecture and case studies in the class teaching.
5	To what extent the project create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.	2.1	97.9	Majority of projects are designed using appropriate and emerging techniques, resources, modern engineering and IT tools.

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6	To what extent the project apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.	6.7	93.3	Faculty-Student interactions have been planned to discuss about the contextual knowledge to access societal, health, safety, legal and cultural issues.
7	To what extent the project understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.	5.4	94.6	It is proposed to make students aware from the knowledge of sustainable development considering societal and environmental context.
8	To what extent the project apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.	5	95	Students are advised to follow ethical principles, responsibilities and norms of the engineering practice while designing and developing projects. Students are also furnished with the knowledge of human values by including teaching of human values in classes.
9	To what extent the project function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings	3	97	It is appreciated that majority of students are satisfied by working in a teams, leading the diverse teams, and in multidisciplinary settings.
10	To what extent the project communicates effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.	4.6	95.4	Expert sessions are to be planned on complex engineering problems with the engineering community, effective reports writing, design documentation, and effective presentations. Also, sessions for the same will be organized in the CRT.
11	To what extent the project demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects in multi-disciplinary environments.	3.3	96.7	Awareness session have been planned to understanding the engineering and management principles and projects in multidisciplinary environments. Also, meetings related to the project documentation and guideline will accommodate the same.

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12	To what extent the project recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological changes needed.	4.2	95.8	Most of the students are satisfied with the preparation and ability to engage in independent and life-long learning in the broadest context of technological changes needed.
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Department of Computer Science and Engineering

i. Initiatives related to industry interaction (15)

(Give details of the industry involvement in the program such as industry-attached laboratories, partial delivery of appropriate courses by industry experts etc. Mention the initiatives, implementation details and impact analysis)










The Department takes following initiatives for interaction with industries.

- **TedX/MUN:** TedX talk organized JECRC to discuss various topics from the eminent personalities. JECRC Model United Nations (JECRC MUN) is an opportunity for participants to showcase their abilities by engaging them in substantial researching, critical thinking and public speaking.
- **Hackathon:** JECRC Hackathon and Smart India Hackathon were organized to promote IT & e-governance initiatives. Coders, developers & designers will have a prodigious platform to use their out-of-the-box thinking on Bhamashah, e-Mitra, Artificial Intelligence, Internet of Things, AR/VR, Blockchain, Machine Learning and Data Mobility. The event will witness eminent IT leaders, dignitaries and respected Officials from Government of India.
- **Code Warrior:** The HOD along with TPO created a **Code warrior** Club which focuses on the placement strategy for placement of students at higher package and also interacts with industry experts so that they may visit campus and recruit the students.
- **Companies Visited Campus:** Many companies visit campus for the recruitment of students. The HR along with departmental TPO continuously interacts with industry experts so that they may visit campus and increase the placement opportunity.
- **Conferences/Workshops:** The faculty members and students interact with delegates invited as guest lecture, session chair in conferences and workshops organized in college.
- **Alumni:** The industry interaction is done with many students who are currently working in many reputed companies that are spread across the country and world.
- **Sponsorship:** The sponsorship team visits many companies and institutes. The rewards obtained in the form of sponsorship in various technical and non-technical events are obtained.
- **Industrial Visit:** The department organizes industrial visits on yearly basis, through this industry members start interactions with campus.
- **Invited Talks:** Department invites many industry experts to make student familiar with industry environment and technologies.
- **Technical Event Judges:** The eminent personalities are invited as judges from industries and institutes in technical activities like Just C, Java lets and many more.

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MOU's was done with industries to emphasize on

- (a) Internship
- (b) Project Workshop for Students
- (c) Industrial Visits
- (d) Students specific Training

S. No.	Organization with which MoU is signed	Date of Signing MoU	Year of signing MoU	Duration
1	Coding Ninjas 	30 th Oct. 2021	2021-22	One Year
2	Upflairs Pvt. Ltd. 	08 Aug. 2021	2021-22	Three Year
3	CSRBOX(Renalysis consultancy pvt. ltd) 	26 th Nov 2020	2020-21	One Year
4	MYTAT(RVR Innovations LLP) 	4 th Feb 2021	2020-21	Three Year
5	Department of information technology & Communication, Government of Rajasthan 	6 th March 2021	2020-21	Three Year
6	Automation Anywhere 	19 th Dec 2019	2019-20	One Years
7	Sambodhi Tech Solutions 	17 th Jan 2018	2017-18	Three Month
8	Cyberops Infosec LLP,Jaipur 	15 th May 2018	2017-18	One Year
9	Red Hat India Pvt. Ltd., Mumbai 	07 th Nov 2017	2017-18	One Year

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10	Forsk Technologies, Jaipur 	02 nd Nov 2017	2017-18	Three Years
11	Infosys Campus Connect 	12 th May 2017	2016-17	Two Years

Table B.2.2.4a: Details of MOU

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The following are the details of MOUs:

1. **Coding Ninjas** There is a reason why we take pride in branding ourselves as the best programming language platform in India. Our instructors, graduates from Stanford University, IITs, IIITs, are Master craftsmen with years of industry experience at Facebook, Amazon, American Express, Times Internet, etc. At Coding Ninjas, our mission is to continuously innovate the best ways to train the next generation of developers and to transform the way tech education is delivered. We're constantly evolving how we train amazing developers, as staying stagnant is not an option. We approach our educational philosophy as a never-ending journey of self-improvement and we apply it to everything we do.
2. **Robotic Process Automation** **Robotic process automation** (or RPA) is a form of business process automation technology based on metaphorical software robots (bots) or on artificial intelligence (AI)/digital workers. It is sometimes referred to as *software robotics* (not to be confused with robot software). In traditional workflow automation tools, a software developer produces a list of actions to automate a task and interface to the back-end system using internal application programming interfaces (APIs) or dedicated scripting language. In contrast, RPA systems develop the action list by watching the user perform that task in the application's graphical user interface (GUI), and then perform the automation by repeating those tasks directly in the GUI. This can lower the barrier to use of automation in products that might not otherwise feature APIs for this purpose.
1. **Codechef** CodeChef was created as a platform to help programmers make it big in the world of algorithms, computer programming and programming contests. We host three featured contests every month and give away prizes and goodies to the winners as encouragement. Apart from this, the platform is open to the entire programming community to host their own contests. Major institutions and organizations across the globe use our platform to host their contests. On an average, 30+ external contests are hosted on our platform every month.
2. **Cyberops** Cyberops is India's leading organization in the field of Information security. Advancement in technology and interconnected business ecosystems has combined to increase exposure to cyber-attacks. We aim to digitally shield the cyberspace by offering various products and services. We are hovering to influence our proficiency and global footprint in the field of information security and cyber crime investigation. It foster certified trainings on Information Security and provides penetration testing for security audits, and Cyber Crime Investigation services for various sectors to meet their specific needs.
3. **SIEMENS Ltd.** With a focus on electrification, automation and digitalization, Siemens India stands for engineering excellence, innovation, and reliability. As one of the world's biggest producers of energy-efficient, resource-saving technologies, Siemens is a pioneer in infrastructure and energy solutions, as well as automation and software for industry. The

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company is also a leader in medical imaging equipment, laboratory diagnostics, and clinical IT. Siemens also provides business-to-business financial solutions, rail automation and wind power solutions.

4. **Indo Vision Services Pvt. Ltd.** Indovision Services is an ISO 9001:2015 accredited company and providing end to end ICT (Information & Communication) services and solutions. It caters to multiple dimensions of industry. Primarily it provides following services listed below:
 - Emerging Technologies (Cloud, Automation)
 - Manpower Solutions
 - Training (College, Corporate & Govt.)
 - Enterprise Solutions (ERP, IHRMS, ILMS, System Integration, Networking, Smart City & Smart Campus, etc.)
1. We serves both large and small organizations across all industry sectors (Telecommunications, IT/ITES, Education, BFSI, Automobiles, Govt. & PSU's) through our brands and offerings.
2. **SAKROBOTICS LAB:** Establishing a Robotics Research Centre in the campus of JECRC, providing Internship to JECRC Students and to engage the students in Robotics Training and also offering Robotics product development exposure.
3. **Infosys Campus Connect:** Launched by Infosys in May 2004, CC is a unique academia-industry initiative to “architect the education experience”. The objective in launching the CC program is to enhance the quality and quantity of the IT talent-pool; sustain the growth of the IT industry itself. The portal will provide a digital platform for academia-industry interaction anytime, and anywhere.
4. **WADHWANI Foundation:** Launched in 2000 by Dr. Romesh Wadhvani, the Foundations comprising of Wadhvani Charitable Foundation and Wadhvani Operating Foundation are working with the primary mission of accelerating economic development in emerging economies through large-scale job creation with presence in Asia, Africa and Latin America operating in association with governments, corporate, mentors, investors and educational institutes. Its Initiatives are driving job creation through entrepreneurship, skills development and innovation.
5. **CADD Centre:** As Asia's biggest network of CAD training centers, CADD Centre Training Services is the training arm of the 30 year old CADD Centre Group, head quartered at Chennai, India. They being the only company in India to offer an end-to-end solution to CAD users specializes in Computer Aided Design (CAD), Computer Aided Engineering (CAE), and Computer Aided Manufacturing (CAM) with our wings spread across the globe.
6. **Forsk Technologies:** Forsk Technology offer project based learning in IoT (Internet of Things) and Machine Learning (Data Science). Future courses will be offered based on industry requirement and/or student/faculty feedback. These future courses will be on emerging technologies.

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7. **Red Hat Technologies Pvt. Ltd.:** Linux World ('LW') is a fast growing ISO 9001:2008 Certified Organization which is fully governed by young and energetic Technocrats, dedicated to Open Source technologies and Linux promotion. Since its inception in the year 2005, LW have achieved the status of centre of excellence wherein there is latest technology, innovative developing methodology, state of the art infrastructure and individual needs of employees are identified and executed professionally, efficiently & ethically.
8. **Salesforce Technologies Ltd.:** Salesforce is the primary enterprise offering within the Salesforce platform. It provides companies with an interface for case management and task management, and a system for automatically routing and escalating important events. The Salesforce customer portal provides customers the ability to track their own cases, includes a social networking in that enables the user to join the conversation about their company on social networking websites, provides analytical tools and other services including email alert, Google search, and access to customers' entitlement and contracts.

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2.2.5 Initiatives related to Industry Internship/Summer Training (15)

(Mention the initiatives, implementation details and impact analysis)

Initiatives related to Industry Internship/Summer Training

1. As per the RTU curriculum, an internship is allowed after the 2nd semester for 15 days, the 4th semester for 30 days, and the 6th semester for a minimum of 45 days.
2. During the last two years, the departmental training and placement officer and internship in charge guided the students in selecting the company for internship.
3. Some internships are provided through departments under the ages of different MOU's and in-house training collaboration with industries. Such as Google cloud, Internshala, Upflares etc.
4. Some students are approaching various companies under the direction of an internship in charge /training placement officer with the consent of the Head of the department.
5. In case they need any consent letter or NOC from the department then the same is provided by the head of the department.
6. Students are also directed and motivated to do internships through Internshala.
7. Students are also encouraged to participate in the industrial training program from time to time.

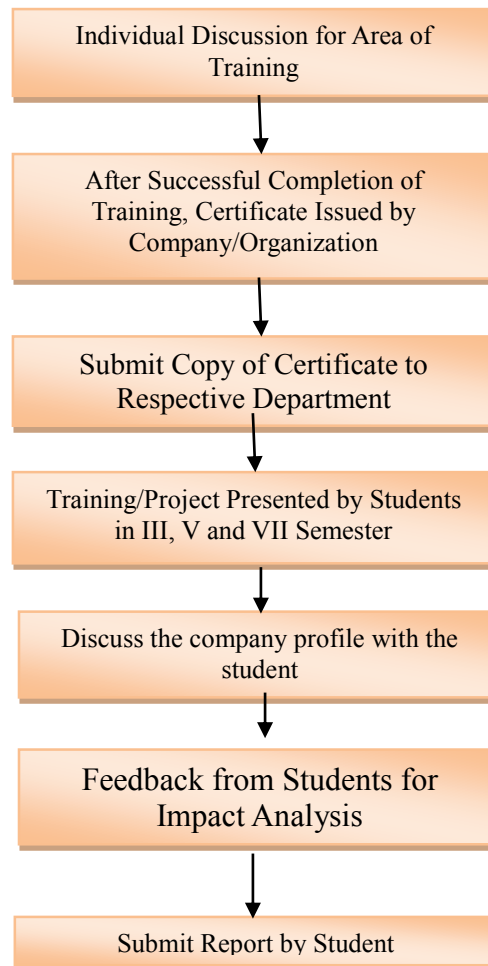


Fig 2.2.5a: Process of Internship/Summer Training Allotment

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The process of allotment of summer training is as follows:

1. Students have to pursue a detailed project in a specific company in their field of interest. The project enables the student to understand the business process and makes them ready for the corporate careers ahead.
2. After completion of training, they will be issued a certificate or evaluation letter from that company.
3. Students have to submit a copy of the summer training certificate.
4. Continuous evaluation of students is performed by the faculty members in the department.
5. Presentation is scheduled for the students by the department along with report submission after completion of the training in continuation of continuous assessment.
6. As per university curriculum final evaluation will be conducted through presentation and training report submission.

Training data of Internship Training 2020-21

S. NO	Name	Name of Company/Govt. Organization/ Training Institute
1	Aarzo Saluja	Google Digital Garage
2	Aastha Agarwal	Coursera
3	Aayush tiwari	Udemy
4	Aayushi Bahukhandi	Linux World Informatics Pvt Ltd, Jaipur
5	Abhishek Dudhani	Digital Workforce and Transformation
6	Abhishek Rathore	Udemy
7	Abhishek Sahu	CodePlanet Technologies pvt. ltd
8	Aditi Birla	Udemy
9	Aditya Bhardwaj	coursera
10	Aditya Birla	Udemy
11	Aditya Sharma	Coursera
12	Aditya Sharma	Coursera
13	Aditya soni	Coursera
14	Agam Jain	Code Planet Technologies
15	Akash Singh	Street Music Company
16	Akanksha Kumawat	Aryan InfoMatrix Pvt. Ltd.
17	Akshat Khandelwal	CodePlanet Technologies
18	Akshit kaushik	Tech Explica
19	Akshita Jain	Jecrc foundation
20	Aman Chaurasia	Coursera
21	Aman Jain	Code planet
22	Aman Saxena	Coursera
23	Amit Agarwal	Udemy
24	Amit Agarwal	Matrix
25	Amit Gupta	Internshala Trainings

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26	Anany Garg	Codeplanet Technologies
27	Ankit Kumar	Coursera
28	Ankit Singhal	Udemy
29	Anmol ranjan	udemy
30	Anshul Singh Sisodia	Udemy
31	Anuj Jain	The App Brewery
32	Anuj Khandelwal	Udemy
33	Anuj Kumar Singhal	Automation anywhere & linux world
34	Anuj Mishra	Udemy
35	Anurag Sharma	Udemy
36	Arin Mangal	Coursera
37	Arnav Nagayech	Codeplanet Technologies pvt Ltd
38	Arpit Jain	Code planet
39	Arpit Patidar	Matrix
40	Arpita Agarwal	Dco Academy and Coursera
41	Arya Khandelwal	Matrix Computers
42	Aryan khandelwal	Intershala
43	Aryan Sharma	Coursera
44	Ashish kochar	coursera
45	Ashish Maheshwari	Linux World
46	Ashutosh Bhatnagar	Informatics Pvt. Ltd
47	Ashutosh Vyas	The Forage
48	Asif Khan	Coursera
49	Atul Singh Yadav	Coursera
50	Atul Sisodiya	Coursera
51	Avinash shrangee	automation anywhere
52	Avinash Soni	Coursera
53	Ayush Jain	Coursera
54	Ayushi Singhal	FreeCodeCamp
55	Bhanesh Kumar Palliwal	Coursera
56	Bhavika Jain	Matrix Computers
57	Bhavika Mittal	Matrix Computers
58	Bhumika Jain	Matrix Computers
59	Chinmay Jain	Coursera
60	Charchit Nirayanwal	Coursera
61	Charil ambey saini	Coursera and Udemy
62	chirag Asawa	Coursera
63	Chirag Nagar	LinuxWorld Informatics Pvt. Ltd.
64	Daksh Jangid	Coursera
65	Danny Gupta	Coursera
66	Deepak Arora	Grafix Studio, StepFly
67	Deepankar Raj	Grafix studio

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68	Deepansh Gupta	Coursera
69	Deepesh Kumar Dhaker	Coursera
70	Dev Kumar Sharma	Internshala
71	Devendra Sharma	Udemy
72	Dhanesh Gupta	Spy Enterprises
73	Dharmesh Kochar	Code Planet Technologies
74	Dharmvatsal Singh Chouhan	Coursera
75	Dhurv Laddha	Coursera
76	Disha Jain	Udemy
77	Divyansh Kumar Jangir	Linux World
78	Garvit khandelwal	Coursera
79	Garvit Malpani	Matrix Computers
80	Gaurav Sahu	Udemy
81	Gaurav singh shekhawat	Coursera
82	Girish Yadav	Coursera
83	Happy khandelwal	Coursera
84	Harasis Singh	LinuxWorld Informatics Pvt. Ltd.
85	Harsh Vardhan	Udemy
86	Harsh Verma	Technoglobe
87	Harshit Sharma	Coursera
88	Harshita Agarwal	Udemy
89	Harshita Chaudhary	Coursera
90	Herit Shah	Code planet technologies
91	Himanshu Gupta	Udemy
92	Himanshu Kumar Singh	Udemy
93	Hiten Sambhwani	Udemy
94	Indrajeet Singh Shekhawat	Udemy
95	Isha Sharma	Udemy
96	Ishan Kapoor	Linux World Pvt Ltd
97	Ishita Jain	Guvi
98	Ishita Tiwari	Coursera
99	Ishwar Singh Shekhawat	Neha
100	Jalesh Khatri	Coursera
101	Jayana Solanki	Udemy
102	Jaydeep Pareek	Codeplanet technologies
103	Jyoti Singhal	Coursera
104	Kanchan Jeswani	Jovian And FreecodeCamp
105	Kanika Kumawat	Internshala Training
106	Kanishk Parth Yadav	Cyberops
107	Kapil Garg	Exackt Techfleeters Pvt Ltd
108	Karan Khandelwal	Udemy

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109	Kartik Agarwal	Coursera
110	Kartik Bhatia	Matrix Computers
111	Kartik joshi	Coursera
112	Khushi Singhal	Coursera
113	Krati Mitra	Jovian And FreecodeCamp
114	Kratik Khandelwal	Udemy
115	Krish Mantri	Coursera
116	Kritik Yadav	BitDegree
117	kunika matoliya	university of Michigan
118	Lakshita sharma	Udemy & Technoglobe Institute Gopalpura Jaipur
119	Lakshya Sharma	Cousera
120	Lokesh Mundra	Grras Solution pvt. ltd
121	Maitri Bansal	Sololearn
122	Manan Gupta	Sololearn
123	Manan Sharma	Coursera
124	Manik Gupta	University of Michigan through Coursera
125	Manish Kumar	Coursera
126	Manthan gour	Amity future academy
127	Mayank Sharma	Coursera
128	Meenal Agarwal	Coursera
129	Meera Agrawal	LinuxWorld Informatics Pvt ltd.
130	Mehul Jain	Coursera
131	Mehul Kulshrestha	LinuxWorld Informatics Pvt. Ltd.
132	Mohit sharma	Progate
133	Mridul Mittal	Coursera Online Platform
134	Mudit Agrawal	CodeCamp
135	Mukund maloo	Matrix Computers
136	Muskan Bhalawat	Coursera
137	Muskan Maheshwari	Koshish
138	Nalin Goyal	Jovian.ml
139	Naman Jain	IBM(Coursera)
140	Naman Joshi	AWS Amazon
141	Nandini Singh	Udemy, guvi, Google Digital Garage
142	Naveen Singhal	Matrix Computers
143	Neha Prajapati	Grras Solutions Pvt. Ltd
144	Nikhil Garg	Coursera
145	Nikhil Gupta	Coursera
146	Nischay kumar jain	Matrix Computer Classes
147	Nishkarsh Sharma	Udemy
148	Nishtha Garg	Udemy
149	Nishtha Maheshwari	Coursera
150	Nitin Khandelwal	Cognitive class

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151	Nitin kumar sahu	Linux world
152	Nitin Mathur	Whizupp
153	Nitish Soni	Udemy
154	Nivish Sharma	Npcil
155	Nupur Sogani	Internship Studio
156	Pankaj Saini	CodeCamp
157	Parag Dutt Sharma	IIEC-Rise
158	Parth Sharma	Matrix Computers
159	Pavini Garg	Coursera
160	Pawan kr Baldewa	Internship studio , Code Planet Technologies
161	Piyush Bohra	Axxon Tech Pvt Ltd
162	Poorvi Agarwal	Code Planet Technologies-(Java&DSA)/Coursera-(Python for Beginners)
163	Prabhdeep Singh	BitDegree
164	Pracheer Khandelwal	Aryan Infomatrix Pvt. Ltd.
165	Prachi Mutha	Udemy
166	Pragya Vitthal	freeCodeCamp
167	Pramveer Chouhan	Livewire
168	Prashant Malav	Udemy
169	Prateek Maheshwari	Udemy
170	Pratham Pareek	Udemy
171	Priyanshu Kumar	Udemy
172	Pryas Jain	Udemy
173	pulkit agarwal	Coursers
174	Puneet bhargava	Udemy
175	Puneet Goyal	JECRC Foundation
176	Punish Agarwal	Rangjogi
177	Pushpendra Singh Gurjar	Priple.com
178	Rahul Jain	Linux World
179	Rahul Mundra	Matrix Computers
180	Rahul Solanki	Sololearn
181	Rajat bansal	Udemy
182	Rajat Pandey	Udemy
183	Rajat Pathak	Udemy
184	Raunak Kumar	Matrix computers
185	Ravi Jangid	Codeplanet technology pvt. Ltd.
186	Riddhi Jain	LeadingIndia.AI
187	Rishabh Agrawal	Iiec rise
188	Rishabh Jain	Coursera (Amazon)
189	Ritik Chopra	Coursera
190	Ritik Saluja	Eduonix

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191	Ritika Agarwal	Coursera
192	Riya Dhaked	Green Research IT Solutions Pvt. Ltd.
193	Riya Khandelwal	Udemy
194	Rohan Dhar	Udemy
195	Rohit Joseph	Internship Studio
196	Ronak Jain	Internship Studio
197	Rounak Garg	Matrix
198	Sakshya Garg	Udemy
199	Samridhi Jain	Udemy
200	Samyak Jain	Coursera
201	Sanchit Gupta	CodePlanet Technologies
202	Sandeep Sharma	Udemy
203	Sanyam jain	Internship studio
204	Saransh Pareek	CodePlanet technologies
205	Sarthak Jain	Coursera
206	Shalu Jangid	Coursera
207	Shashwat Jain	Matrix Computers
208	Shivansh Deedwaniya	Eduonix
209	Shoaib Khan	Udemy
210	Shravan choudhary	ITech
211	Shreya Jain	Coursera
212	Shruti agarwal	Coursera
213	Shruti Jain	Udemy
214	Shubh Gupta	Linux World
215	Shubham agarwal	Matrix Computers
216	Shubham Bhardwaj	Linux World Informatics Pvt Ltd
217	Shubham bhargava	Linux world infomatics
218	Shubham gohil	Codeplanet technologies
219	Shubham Jain	Snaptrude.com
220	Shyam sunder garg	Udemy
221	Siddharth Kavadia	Linux World Information Pvt. Ltd
222	Siddharth Lodha	LinuxWorld Informatics Pvt Ltd
223	Siddharth Singhvi	Coding Ninjas
224	sonu kumar jha	Igneous technology
225	Sparsh Khandelwal	SoloLearn
226	Suraj Bansal	Coursera
227	Tamanna Mahnot	Coursera
228	Tanisha Agrawal	Coursera
229	Tanishq Gupta	Technoglobe
230	Tanmay Sharma	LinuxWorld Informatics Pvt. Ltd
231	Tavishi Solet	C-Dac ATC Netcom, Sitapura
232	Tilak Vijayvargiya	Coursera

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233	Tushar Jain	Coursera
234	Tushar Sharma	Linux World
235	Vaibhav Agarwal	Udemy
236	Vaibhav Jain	Siddhivinayak infotech
237	Vaibhav Mathur	Linux world infomatic pvt. Ltd.
238	Vaibhav Sharma	Metier Tech Tutors
239	Varsha kesnani	Toggler- Upbringo
240	Vartika Agrawal	freecodecamp
241	Vedansh Matoliya	Internshala
242	Vilsi Jain	Linux World Informatics pvt Ltd
243	Vinay Saraf	Udemy
244	Vinay Sharma	Linux world informatics Pvt. Ltd.
245	Vinit Jain	CodePlanete Technologies
246	Vipul Goyal	Udemy
247	Vishal Kumar	Linuxworld Information Private Limited Jaipur
248	Yash Lath	Coursera
249	Yash Sharma	Coursera
250	Yash Sharma	Coursera
251	Yashika Khandelwal	Linuxworld Informatics Pvt. Ltd.
252	Mohammad Aasif Malik	Coursera
253	Vaibhav Jain	Coursera
254	Mohani Bhardwaj	Udemy, Coursera

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The procedure of Impact analysis: Students are trained on the latest technologies so that they get real-time exposure and gain knowledge in terms of Real-world experience with leading-edge technologies.

1. Students have to undergo for internship/project training in the specific company in their field of interest with consent of faculty member or coordinator.
2. After completion of training, they will be issued a certificate or evaluation letter from that company.
3. Students have to submit their Xerox copy of the summer training / internship certificate.
4. Presentation of the training is scheduled in the consecutive semester by the department along with report Submission as continuous evaluation.
5. Final evaluation will be done with of students' presentation and training report submission as per examination schedule provided by the university.
6. After final evaluation a Feedback (Google form) form circulate among the students for impact analysis of industrial training.
7. Students are instructed to fill in their feedback for industrial training.
8. After collecting responses from students, an analysis report of the same is prepared by the coordinator.
9. According to the analysis report, action taken and rectification are plan are prepared and executed.

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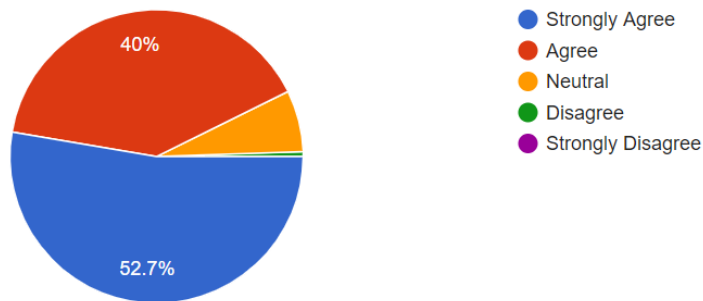
Impact analysis of Summer Training (2020-21):

Total responses: 562

Project					
PO Based Questions	Strongly Disagree(1)	Disagree(2)	Neutral(3)	Agree(4)	Strongly Agree(5)
PO1	0	3	37	226	296
PO2	0	2	41	233	286
PO3	2	1	40	252	267
PO4	1	3	45	251	262
PO5	0	3	43	256	260
PO6	0	2	54	243	263
PO7	1	4	57	251	249
PO8	0	6	58	247	251
PO9	0	3	37	266	256
PO10	0	2	63	244	253
PO11	0	4	59	234	265
PO12	0	2	41	244	275

To what extent the industrial training apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

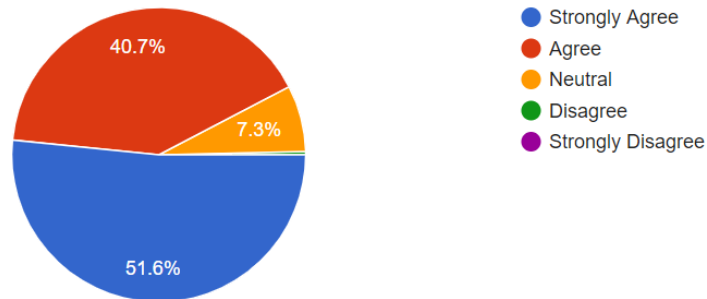
562 responses



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To what extent the industrial training identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

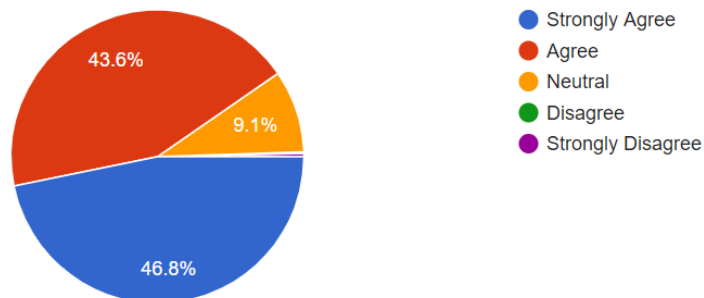
562 responses



To what extent the industrial training design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.



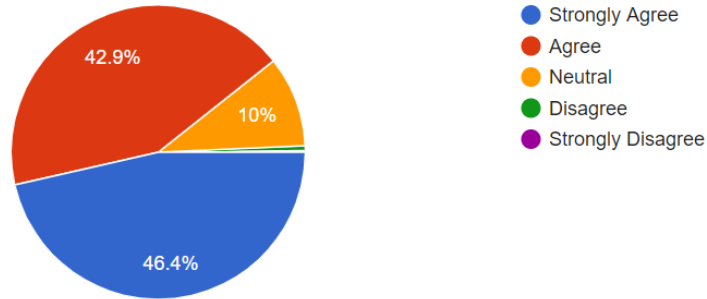
562 responses



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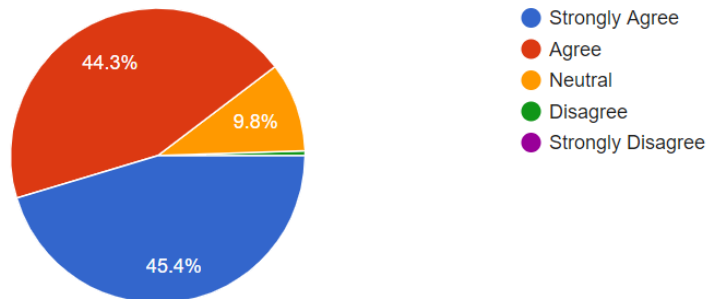
To what extent the industrial training use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

562 responses



To what extent the industrial training create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.

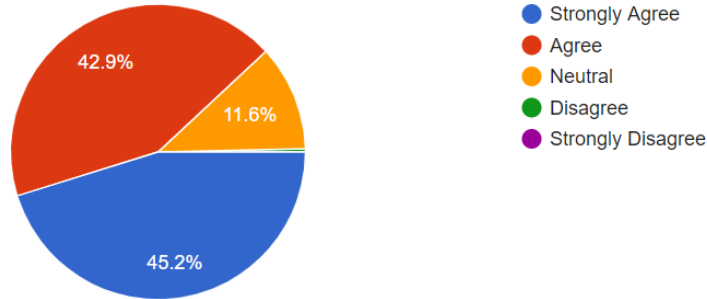
562 responses



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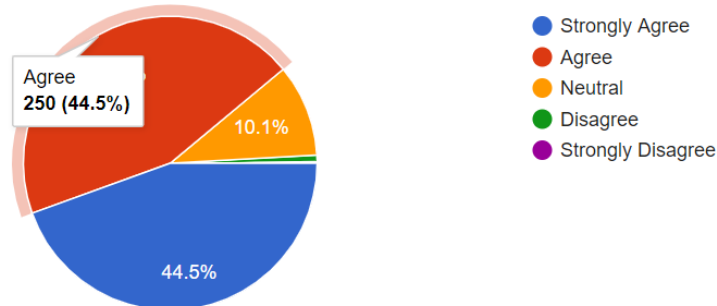
To what extent the industrial training apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

562 responses



To what extent the industrial training understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development

562 responses

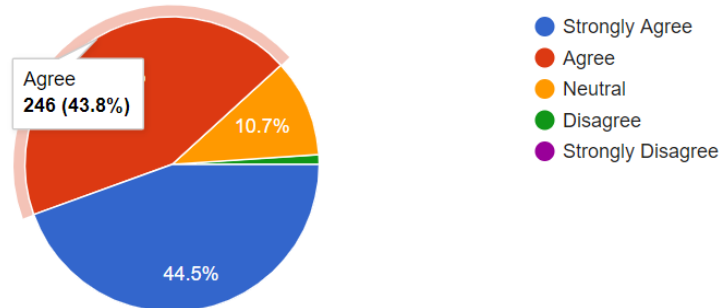


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To what extent the industrial training apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.



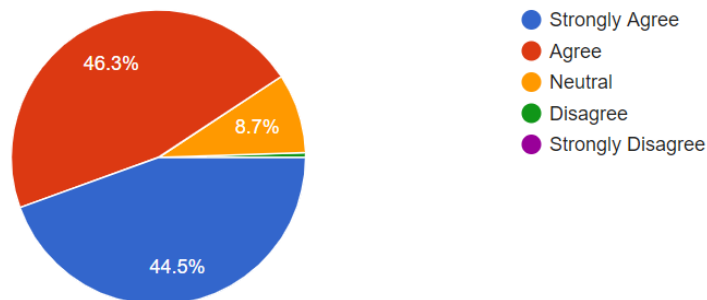
562 responses



To what extent the industrial training function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings



562 responses

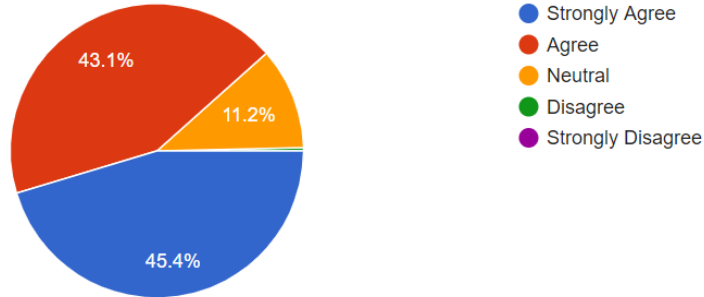


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To what extent the industrial training communicates effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.



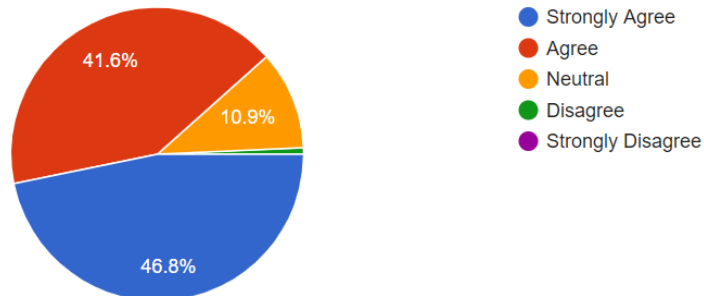
562 responses



To what extent the industrial training demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects in multidisciplinary environments.



562 responses

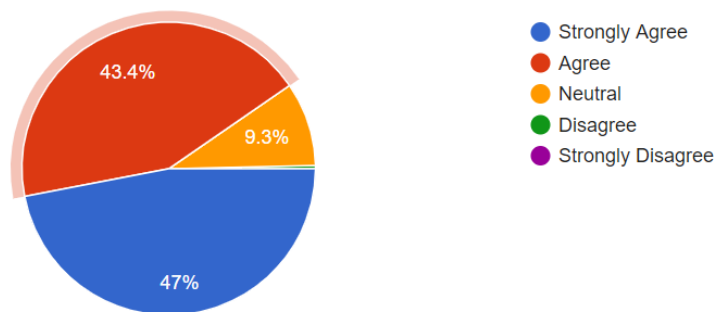


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To what extent the industrial training recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological changes needed.



562 responses



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S.No		<80	≥80	Action Taken
1	To what extent the industrial training apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.	7.1	92.2	Maximum students are satisfied with the industrial training. It is proposed to access the nature of training before joining.
2	To what extent the industrial training identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.	7.7	92.3	It is proposed to make students acquainted with the research background and analyze the complex engineering behind the training before joining the same.
3	To what extent the industrial training design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.	7.7	92.3	It is appreciated that students' industrial training is matched with the specified needs with appropriate consideration for public health and safety, and the cultural, societal, and environmental considerations.
4	To what extent the industrial training use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.	8.7	91.3	It is appreciated that the majority of the students are aware of the research-based knowledge and research methods including analysis and interpretation of data. Further, it is proposed to discuss the same by various means like the workshop, expert lecture, and case studies in the class teaching.
5	To what extent the industrial training create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.	8.2	91.8	The majority of students are aware of the appropriate techniques, resources, and modern engineering and IT tools as required.

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6	To what extent the industrial training apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.	10.0	90.0	Faculty student's interaction planned to discuss the contextual knowledge to access societal, health, safety, legal and cultural issues.
7	To what extent the industrial training understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.	11.0	89.0	It is proposed to make students aware of the knowledge of sustainable development.
8	To what extent the industrial training apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.	11.4	88.6	It is discussed with the company to discuss ethical principles, responsibilities, and norms of the engineering practice with the students. Students are also furnished with the knowledge of human values. Further, it is proposed that to add in class teaching of human values.
9	To what extent the industrial training function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings	7.1	92.9	It is appreciated that the majority of students are satisfied as leaders in diverse teams, and in multidisciplinary settings.
10	To what extent the industrial training communicates effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.	11.6	88.4	The expert session is to be planned on complex engineering activities with the engineering community and write effective reports and design documentation, make effective presentations. Also, sessions for the same will be organized in the CRT.
11	To what extent the industrial training demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects in multidisciplinary environments.	11.2	88.8	Awareness session planned on an understanding of the engineering and management principles and projects in multidisciplinary environments. Also, the meetings related to industrial training guidelines will accommodate the same.

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12	To what extent the industrial training recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological changes needed.	7.7	92.3	Most of the students are satisfied with the preparation and ability to engage in independent and life-long learning in the broadest context of technological changes needed.
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CRITERION 3

Course Outcomes and Program Outcomes

120

CRITERION 3	Course Outcomes and Program Outcomes	120
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3. COURSE OUTCOMES AND PROGRAM OUTCOMES (120)

3.1. Establish the correlation between the courses and the Program Outcomes (POs) and Program Specific Outcomes (PSOs) (20)

Program Outcomes (POs)

1. **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals and Computer Science and Engineering specialization to the solution of complex Computer Science and Engineering problems.
2. **Problem analysis:** Identify, formulate, research literature, and analyse complex Computer Science and Engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. **Design/development of solutions:** Design solutions for complex Computer Science and Engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4. **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of Computer Science and Engineering experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex Computer Science Engineering activities with an understanding of the limitations.
6. **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional Computer Science and Engineering practice.
7. **Environment and sustainability:** Understand the impact of the professional Computer Science and Engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the Computer Science and Engineering practice.
9. **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings in Computer Science and Engineering.
10. **Communication:** Communicate effectively on complex Computer Science and Engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11. **Project management and finance:** Demonstrate knowledge and understanding of the Computer Science and Engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change in Computer Science and Engineering.

Program Specific Outcomes (PSOs)

PSO1	Ability to interpret and analyze network specific and cyber security issues, automation in real world environment.
PSO2	Ability to design and develop mobile and web-based applications under realistic constraints.

3.1.1. Course Outcomes (COs) (SAR should include course outcomes of one course from each semester of study, however, should be prepared for all courses and made available as evidence, if asked) (05)

Code	Subject	Course Outcomes
3CS4-05	DSA	CO1: Understand different type of data structures and their measuring parameters
		CO2: Implement various data structures
		CO3: Analyse various measuring parameters and data structures(Linear/Non-Linear)
		CO4: Apply the knowledge of various data structures in basic applications of programming
4CS4-05	DBMS	CO1: Design an ER model for an enterprise
		CO2: Perform and analysis Query database using Relational Algebra, Relational Calculus and SQL
		CO3: Apply normalization based on functional dependency.
		CO4: Illustrate for serialiability among concurrent transactions and apply concurrency control protocols, and Outline database recovery techniques
5CS4-03	OS	CO1: Demonstrate the concepts, structure design of operating system and analysis of process management.
		CO2: Recognize the concepts, implementation of memory management policies, design issues of paging and virtual memory.
		CO3: Understand and design the concepts of deadlock handling and device management.
		CO4: Analyze the file system structure, implementation process and acquainted with various types of operating systems.
6CS4-02	ML	CO1: Understand the concept of machine learning and apply supervised learning techniques.
		CO2: Illustrate various unsupervised leaning algorithm for clustering, and market basket analysis.
		CO3: Analyse statistical learning theory for dimension reduction and model evaluation in machine learning.
		CO4: Apply the concept of semi supervised learning, reinforcement learning and recommendation system.
7CS4-01	IoT	CO1: Understand the revolution of internet in field of cloud, wireless network, embedded system and mobile devices.
		CO2: Apply IOT design concepts in various dimensions implementing software and hardware.
		CO3: Analyze various M2M and IoT architectures.
		CO4: Design and develop various applications in IOT.
8CS4-01	BDA	CO1: To understand the features, file system and challenges of big data.
		CO2: To learn and analyze big data analytics tools like Map Reduce, Hadoop.
		CO3: To apply and evaluate Hadoop programming with respect to PIG architecture.
		CO4: To create and analyze database with Hive and related tools.

Table B.3.1.1:Course Outcomes

3.1.2 CO-PO matrices of courses selected in 3.1.1 (six matrices to be mentioned; one per semester from 3rd to 8th semester) (05)

S. no		SEM				Subject code			Subject			
1		3				3CS4-05			DSA			
POs	1	2	3	4	5	6	7	8	9	10	11	12
COs												
1	3	2	1	2	3	2	0	0	1	1	2	2
2	3	2	2	3	3	2	1	1	2	2	2	3
3	3	3	3	3	3	1	1	0	3	1	3	3
4	3	2	2	2	2	1	1	0	3	1	2	3
S. no		SEM				Subject code			Subject			
2		4				4CS4-04			DBMS			
POs	1	2	3	4	5	6	7	8	9	10	11	12
COs												
1	3	3	3	1	3	2	1	3	3	3	3	3
2	3	3	3	3	3	3	3	3	3	3	3	3
3	3	3	3	1	3	2	1	3	3	3	3	2
4	3	3	3	3	3	2	1	3	3	3	3	3
S. no		SEM				Subject code			Subject			
3		5				5CS4-03			OS			
POs	1	2	3	4	5	6	7	8	9	10	11	12
COs												
1	3	3	1	1	1	1	0	2	3	1	3	3
2	3	3	2	2	2	2	1	2	2	1	2	3
3	3	3	2	2	3	3	2	1	3	1	2	3
4	3	3	1	1	1	1	0	2	3	1	3	3
S. no		SEM				Subject code			Subject			
4		6				6CS4-02			ML			
POs	1	2	3	4	5	6	7	8	9	10	11	12
COs												
1	3	3	3	3	2	1	3	2	2	2	1	2
2	3	3	3	3	2	1	3	2	2	2	1	3
3	3	2	3	3	2	2	3	2	2	1	2	2
4	3	3	2	2	2	1	3	1	2	2	1	2
S. no		SEM				Subject code			Subject			

5		7			7CS4-01			IoT				
POs	1	2	3	4	5	6	7	8	9	10	11	12
COs												
1	3	3	2	2	2	2	0	1	2	2	2	3
2	3	3	3	3	3	1	1	1	1	2	2	3
3	3	2	3	1	3	2	1	1	2	1	1	3
4	3	3	3	3	3	2	2	1	3	3	3	3
S. no		SEM			Subject code			Subject				
6		8			8CS4-01			BDA				
POs	1	2	3	4	5	6	7	8	9	10	11	12
COs												
1	3	2	2	2	1	2	1	1	2	2	2	3
2	3	3	3	2	2	2	2	2	1	1	2	3
3	3	3	3	2	2	3	1	2	2	2	2	3
4	3	3	3	2	2	3	2	2	2	2	2	3

Table B. 3.1.2a: CO-PO matrices of courses

CO-PSO matrices of courses selected in 3.1.1 (six matrices to be mentioned; one per semester from 3rd to 8th semester)

S.No.	Sem	Code	Subject	COs	PSO1	PSO2
1	3	3CS5A	DSA	CO1	3	2
				CO2	2	3
				CO3	2	2
				CO4	2	2
2	4	4CS4A	DBMS	CO1	2	1
				CO2	2	3
				CO3	2	2
				CO4	2	1
3	5	5CS4A	OS	CO1	3	2
				CO2	2	2
				CO3	2	2
				CO4	2	2
4	6	6CS6.2A	ML	CO1	3	2
				CO2	2	2
				CO3	2	2
				CO4	2	2
5	7	7CS3A	IoT	CO1	2	3
				CO2	3	3
				CO3	3	3
				CO4	3	3
6	8	8CS1A	BDA	CO1	2	2

				CO2	2	2
				CO3	3	2
				CO4	2	3

Table B. 3.1.2b: CO-PSO matrices

3.1.3 Program level Course-PO matrix of all courses including first year courses (10)

Subjects	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
1FY2-01	3	3	1	0	0	0	0	0	1	1	0	1
1FY3-06	2	1	1	1	1	0	0	0	0	1	0	1
1FY2-03	2	1	1	1	0	1	1	0	0	1	0	0
1FY2-02	2	1	0	0	0	1	0	0	1	1	0	1
1FY1-04	0	1	1	0	0	0	2	0	0	3	0	1
1FY1-05	0	0	2	0	0	3	2	3	2	1	0	1
1FY3-09	2	1	1	0	0	1	1	1	1	1	1	1
1FY3-08	3	3	1	2	2	0	0	0	2	1	0	0
1FY3-07	3	2	1	0	0	2	2	0	0	1	0	1
1FY3-24	2	2	1	0	1	0	0	1	1	2	0	1
1 FY1-22	0	1	0	0	0	1	0	0	3	3	0	1
1 FY1-23	0	0	1	0	0	3	3	3	1	1	0	1
1 FY2-21	2	2	0	1	0	0	1	0	1	2	0	0
1 FY2-20	2	1	1	0	0	1	0	0	1	1	0	2
1FY3-27	2	2	1	0	1	1	1	1	2	1	0	1
1FY3-29	3	2	0	0	2	2	2	0	0	2	0	2
1FY3-25	3	2	1	1	0	1	1	0	1	1	1	2
1FY3-28	3	0	0	0	2	0	0	0	0	2	0	2
1FY3-26	3	3	1	2	2	0	0	0	3	1	0	1
2FY2-01	3	3	1	0	0	0	0	0	1	1	0	1
2FY3-06	2	1	1	1	1	0	0	0	0	1	0	1
2FY2-03	2	1	1	1	0	1	1	0	0	1	0	0
2FY2-02	2	1	0	0	0	1	0	0	1	1	0	1
2FY1-04	0	1	1	0	0	0	2	0	0	3	0	1
2FY1-05	0	0	2	0	0	3	2	3	2	1	0	1
2FY3-09	2	1	1	0	0	1	1	1	1	1	1	1
2FY3-08	3	3	1	2	2	0	0	0	2	1	0	0
2FY3-07	3	2	1	0	0	2	2	0	0	1	0	1
2FY3-24	2	2	1	0	1	0	0	1	1	2	0	1
2 FY1-22	0	1	0	0	0	1	0	0	3	3	0	1
2 FY1-23	0	0	1	0	0	3	3	3	1	1	0	1
2 FY2-21	2	2	0	1	0	0	1	0	1	2	0	0
2 FY2-20	2	1	1	0	0	1	0	0	1	1	0	2
2FY3-27	2	2	1	0	1	1	1	1	2	1	0	1
2FY3-29	3	2	0	0	2	2	2	0	0	2	0	2

2FY3-25	3	2	2	1	0	1	1	0	2	1	1	2
2FY3-28	3	0	0	0	2	0	0	0	0	2	0	2
2FY3-26	3	3	1	2	2	0	0	0	3	1	0	1

Table B. 3.1.3a: Program level Course-PO matrix of first year courses

S.N o.	Sem	Code	Sub	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2
1	3	3CS2-01	Advance Engineering Mathematics	3	2	1	0	1	0	0	0	1	1	0	1	0	0
2	3	3CS1-02	Technical Communication	0	1	0	1	0	2	1	0	1	3	2	1	0	1
3	3	3CS3-04	Digital Electronics	2	1	1	1	2	0	0	0	1	1	0	2	2	0
4	3	3CS1-05	Data Structures And Algorithm	3	2	2	3	3	2	1	0	2	1	2	3	2	2
5	3	3CS1-06	Object Oriented Programming	3	2	3	3	3	2	0	0	2	2	2	2	2	2
6	3	3CS4-07	Software Engineering	3	2	3	1	3	1	1	1	3	1	2	3	0	3
7	4	4CS2-01	Discrete Mathematical Structures	3	3	2	2	1	1	0	0	0	1	0	1	0	0
8	4	4CS2-03	Managerial Economics And Financial Accounting	0	0	1	3	0	0	1	0	1	0	3	2	0	0
9	4	4CS2-04	Microprocessor and Interfaces	3	2	3	1	1	1	0	0	2	1	0	2	1	1
10	4	4CS2-05	Database Management System	3	3	3	2	3	2	2	3	3	3	3	3	2	2
11	4	4CS2-06	Theory Of Computation	3	2	2	2	2	0	0	0	1	2	0	1	0	0
12	4	4CS4-07	Data Communication And Computer Networks	3	2	2	2	2	0	0	1	2	1	1	2	3	3
13	5	5CS3-01	Information Theory & Coding	3	2	2	2	2	0	0	0	1	1	0	1	1	0
14	5	5CS4-02	Compiler Design	3	3	2	2	2	0	0	0	2	2	0	2	2	2
15	5	5CS4-03	Operating System	3	3	2	2	2	2	1	1	3	1	2	3	2	2
16	5	5CS4-04	Computer Graphics & Multimedia	3	3	3	3	3	1	1	1	1	1	2	3	0	1
17	5	5CS4-05	Analysis Of Algorithms	3	2	2	3	2	0	0	0	0	1	0	1	0	0
18	5	5CS5-12	Human Computer Interaction	3	2	3	3	2	1	1	2	2	2	1	1	1	1
19	6	6CS3-01	Digital Image Processing	3	3	1	1	2	0	0	1	1	1	2	3	0	1
20	6	6CS4-02	Machine Learning	3	3	3	3	2	1	3	2	2	2	1	2	2	2
21	6	6CS4-03	Information Security & System	3	3	2	2	1	1	0	1	1	1	0	2	3	3
22	6	6CS4-04	Computer Architecture & Organization	3	2	2	3	3	1	2	2	3	2	1	3	1	1
23	6	6CS4-05	Artificial Intelligence	3	3	3	3	3	2	2	3	3	2	2	3	2	2
24	6	6CS5-11	Distributed System	3	2	2	3	2	2	2	1	1	1	3	3	1	2
25	6	6CS4-06	Cloud Computing	3	2	2	2	2	2	2	2	2	2	2	3	3	3
26	7	7CS4-01	Internet of Things	3	3	3	2	3	2	1	1	2	2	2	3	3	3
27	7	7AG6-60.1	Human Engineering and Safety	2	2	3	2	3	3	3	3	2	1	2	3	0	0
28	8	8CS4-01	Big Data Analytics	3	3	3	2	2	3	2	2	2	2	2	3	2	2
29	8	8TT6-60.2	Disaster Management	2	3	3	2	2	3	2	2	2	2	3	3	0	0

Table B. 3.1.3b: Program level Course-PO matrix

3.2. Attainment of Course Outcomes (50)

3.2.1. Describe the assessment processes used to gather the data upon which the evaluation of Course Outcome is based (10)

Assessment processes used to gather the data upon which the evaluation of Course Outcome is based

(Examples of data collection processes may include, but are not limited to, specific exam/tutorial questions, assignments, laboratory tests, project evaluation, student portfolios (A portfolio is a collection of artifacts that demonstrate skills, personal characteristics and accomplishments created by the student during study period), internally developed assessment exams, project presentations, oral exams etc.)

Evaluation Process and Reforms

The department follows the below steps for smooth conduction of examination and evaluation process:

- The department adhere academic calendar prescribed by RTU, Kota.
- There is departmental Examination Committee in which two faculty members are included for conduction of Internal Examination and Two for External Examination.
 - a. The committee circulates notice a week before the commencement of examination by taking prior approval from HOD.
 - b. Course Coordinator prepares and submit their question paper to respective class coordinator
 - c. Then class coordinator submits all question papers to Moderation Committee.
 - d. Moderation Committee in coordination with DQAC selects one question paper among the set of four set of papers.
 - e. Selected Question paper send to Internal Examination Coordinator then internal examination coordinator takes printout of the final paper.
 - f. After the completion of exam, answer sheets evaluation, result analysis on basis of CO, weak/strong student list is prepared by course coordinator and submitted to Internal Examination Coordinator. Along with the soft copy.
 - g. If student secures marks less than 60% in some particular CO then he/she will be considered as weak student. Then course coordinator provides assignment to them and evaluates.

Student who secures marks greater than 60% in some particular CO then he/she will be considered as strong student. Then they will be encouraged & motivated for GATE/PSUs/Govt. Exam.

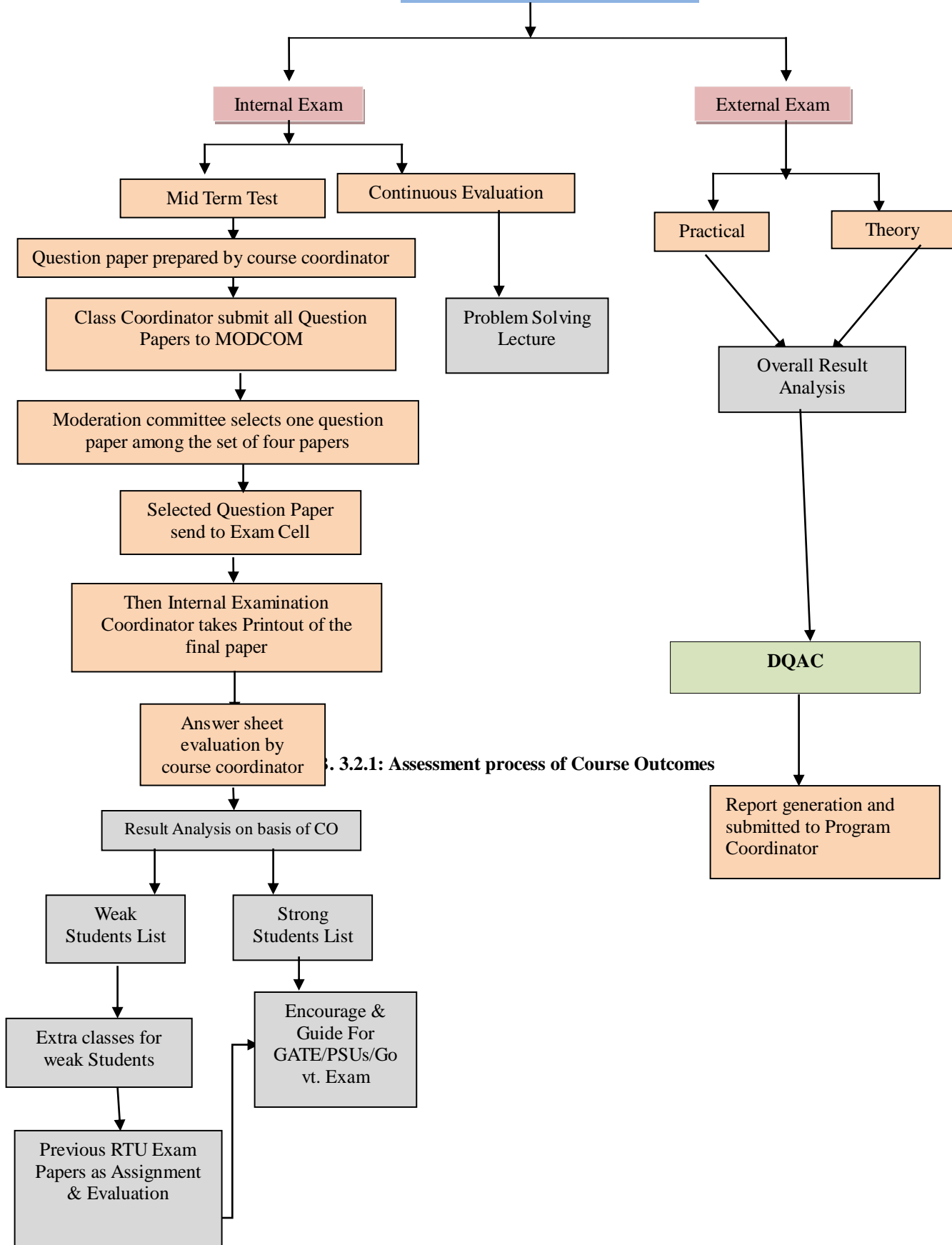
CO Calculation: Course Outcomes are evaluated using the below formula:

$$\text{CO attainment} = 0.8x + 0.2y$$

Where, x = % of Students having $\geq 60\%$ in End semester examination (ESE),

y = % of Students having $\geq 60\%$ in Mid-term examination (MTE)

Evaluation Process



3.2.1: Assessment process of Course Outcomes

3.2.2. Record the attainment of Course Outcomes of all courses with respect to set attainment levels (40)

CO Attainment (Target >=60%)								
CAY 2021-22								

S. No .	Subject Code	Subject	CO's	Attainment (IE)	20% Internal Exam weightage	Attainment (EE)	80% External Exam weightage	Final CO Attainment
1	3CS2-01	Advanced Engineering Mathematics	CO1:	100.00	20.00	60.00	55.23	75.23
			CO2:	100.00	20.00	60.00	55.23	75.23
			CO3:	90.89	18.18	54.54	55.23	73.41
			CO4:	91.16	18.23	54.70	55.23	73.46
2	3CS1-03	Managerial Economics and Financial Accounting	CO1:	86.55	17.31	51.93	46.43	63.74
			CO2:	71.72	14.34	43.03	46.43	60.77
			CO3:	91.64	18.33	54.98	46.43	64.75
			CO4:	92.65	18.53	55.59	46.43	64.96
3	3CS3-04	Digital Electronics	CO1:	62.70	12.54	37.62	44.67	57.21
			CO2:	62.81	12.56	37.68	44.67	57.23
			CO3:	57.42	11.48	34.45	44.67	56.16
			CO4:	58.56	11.71	35.14	44.67	56.38
4	3CS4-05	Data Structures and Algorithms	CO1:	88.15	17.63	52.89	56.84	74.47
			CO2:	95.60	19.12	57.36	56.84	75.96
			CO3:	88.80	17.76	53.28	56.84	74.28
			CO4:	81.00	16.20	48.60	56.84	72.96
5	3CS4-06	Object Oriented Programming	CO1:	77.97	15.59	46.78	62.77	78.36
			CO2:	69.85	13.97	41.91	62.77	76.74
			CO3:	86.99	17.40	52.19	62.77	80.17
			CO4:	81.36	16.27	48.82	62.77	79.04
6	3CS4-07	Software engineering	CO1:	96.69	19.34	58.01	55.83	75.17
			CO2:	87.71	17.54	52.63	55.83	73.37
			CO3:	87.21	17.44	52.33	55.83	73.27
			CO4:	87.69	17.54	52.61	55.83	73.37
7	4CS2-01	Discrete Mathematical Structures	CO1:	86.15	17.23			
			CO2:	85.14	17.03			
			CO3:	87.12	17.42			
			CO4:	86.63	17.33			
8	4CS1-02	Technical Communication	CO1:	92.01	18.40			
			CO2:	82.77	16.55			

			CO3:	83.67	16.73			
			CO4:	77.25	15.45			
9	4CS3-04	Microprocessors and Interfaces	CO1:	65.08	13.02			
			CO2:	64.43	12.89			
			CO3:	62.87	12.57			
			CO4:	56.52	11.30			
10	4CS2-05	Database Management System	CO1:	76.70	15.34			
			CO2:	52.41	10.48			
			CO3:	54.72	10.94			
			CO4:	54.55	10.91			
11	4CS2-06	Theory of Computation	CO1:	51.40	10.28			
			CO2:	41.59	8.32			
			CO3:	21.15	4.23			
			CO4:	24.09	4.82			
12	4CS2-07	Data Communication and computer network	CO1:	76.04	15.21			
			CO2:	69.70	13.94			
			CO3:	61.10	12.22			
			CO4:	55.89	11.18			
13	5CS3-01	ITC	CO1:	89.89	17.98	36.36	29.09	47.07
			CO2:	89.79	17.96	36.36	29.09	47.05
			CO3:	77.86	15.57	36.36	29.09	44.66
			CO4:	83.60	16.72	36.36	29.09	45.81
14	5CS4-02	CD	CO1:	78.23	15.65	46.02	36.82	52.46
			CO2:	76.83	15.37	46.02	36.82	52.18
			CO3:	74.89	14.98	46.02	36.82	51.80
			CO4:	67.57	13.51	46.02	36.82	50.33
15	5CS4-03	OS	CO1:	84.90	16.98	53.57	42.86	59.84
			CO2:	89.77	17.95	53.57	42.86	60.81
			CO3:	79.78	15.96	53.57	42.86	58.81
			CO4:	75.90	15.18	53.57	42.86	58.04
16	5CS4-04	CG&M	CO1:	68.64	13.73	42.28	33.82	47.55
			CO2:	80.00	16.00	42.28	33.82	49.82
			CO3:	74.74	14.95	42.28	33.82	48.77
			CO4:	68.50	13.70	42.28	33.82	47.52
17	5CS4-05	AA	CO1:	59.51	11.90	38.95	31.16	43.06
			CO2:	69.88	13.98	38.95	31.16	45.13
			CO3:	60.36	12.07	38.95	31.16	43.23
			CO4:	47.91	9.58	38.95	31.16	40.74
18.	5CS-24	HCI	CO1:	70.00	14.00	42.00	33.60	33.60

			CO2:	66.93	13.39	40.16	32.13	32.13
			CO3:	64.87	12.97	38.92	31.14	31.14
			CO4:	49.75	9.95	29.85	23.88	23.88
19	6CS3-01	Digital Image processing	CO1:	50.32	10.06			
			CO2:	39.08	7.82			
			CO3:	33.24	6.65			
			CO4:	30.62	6.12			
20	6CS4-02	Machine Learning	CO1:	82.01	16.40			
			CO2:	62.16	12.43			
			CO3:	43.18	8.64			
			CO4:	35.40	7.08			
21	6CS4-03	Information Security system	CO1:	78.64	15.73			
			CO2:	65.62	13.12			
			CO3:	79.70	15.94			
			CO4:	57.16	11.43			
22	6CS4-04	Computer Architecture and Organization	CO1:	44.66	8.93			
			CO2:	40.00	8.00			
			CO3:	22.24	4.45			
			CO4:	33.79	6.76			
23	6CS4-05	Artificial Intelligence	CO1:	63.83	12.77			
			CO2:	62.49	12.50			
			CO3:	50.25	10.05			
			CO4:	48.35	9.67			
24	6CS4-06	Cloud Computing	CO1:	80.88	16.18			
			CO2:	69.47	13.89			
			CO3:	44.27	8.85			
			CO4:	25.61	5.12			
25	6CS5-11	Distributed System	CO1:	34.23	6.85			
			CO2:	29.89	5.98			
			CO3:	8.31	1.66			
			CO4:	9.50	1.90			
27	7CS4-01	IOT	CO1:	75.35	15.07	62.11	49.68	64.75
			CO2:	65.56	13.11	62.11	49.68	62.80
			CO3:	63.20	12.64	62.11	49.68	62.32
			CO4:	64.72	12.94	48.09	38.47	51.42
28	7AG6-60.1	HES	CO1:	73.80	14.76	68.25	54.60	69.36
			CO2:	70.18	14.04	68.25	54.60	68.64
			CO3:	75.89	15.18	68.25	54.60	69.78
			CO4:	91.95	18.39	68.25	54.60	72.99

29	8CS4-01	BDA	CO1:	77.14	15.43	51.09	40.87	56.30
			CO2:	61.93	12.39	51.09	40.87	53.26
			CO3:	58.73	11.75	51.09	40.87	52.62
			CO4:	59.57	11.91	51.09	40.87	52.79
30	8TT6-60.2	DM	CO1:	90.92	18.18	55.23	44.18	62.37
			CO2:	82.44	16.49	55.23	44.18	60.67
			CO3:	77.55	15.51	55.23	44.18	59.69
			CO4:	73.4775	14.6955	55.23	44.18	58.88

CO Attainment (Target >=60%)

CAY 2020-21

SN	Subject Code	Subject	CO's	Final Attainment (IE)	20% Internal Exam weightage	Final Attainment (EE)	80% External Exam weightage	Final CO Attainment
1	3CS2-01	Advance Engineering Mathematics	CO1:	98.56	19.71	95.55	76.44	96.15
			CO2:	98.56	19.71	95.55	76.44	96.15
			CO3:	100	20	95.55	76.44	96.44
			CO4:	100	20	95.55	76.44	96.44
2	3CS1-03	Managerial Economics and Financial Accounting	CO1:	98.94	19.79	98.65	78.92	98.71
			CO2:	98.58	19.72	98.65	78.92	98.63
			CO3:	96.1	19.22	98.65	78.92	98.14
			CO4:	95.73	19.15	98.65	78.92	98.06
3	3CS3-04	Digital Electronics	CO1:	97.16	19.43	89.81	71.85	91.28
			CO2:	94.5	18.9	89.81	71.85	90.75
			CO3:	83.57	16.71	89.81	71.85	88.56
			CO4:	85.86	17.17	89.81	71.85	89.02
4	3CS4-05	Data Structures and Algorithms	CO1:	99.27	19.85	96.69	77.35	97.21
			CO2:	98.2	19.64	96.69	77.35	96.99
			CO3:	97.82	19.56	96.69	77.35	96.92
			CO4:	99.03	19.81	96.69	77.35	97.16
5	3CS4-06	Object Oriented Programming	CO1:	99.3	19.86	96.03	76.83	96.69
			CO2:	98.18	19.64	96.03	76.83	96.46
			CO3:	98.19	19.64	96.03	76.83	96.46
			CO4:	95.77	19.15	96.03	76.83	95.98
6	3CS4-07	Software engineering	CO1:	96.76	19.35	95.68	76.54	95.9
			CO2:	94.56	18.91	95.68	76.54	95.46
			CO3:	95.28	19.06	95.68	76.54	95.6
			CO4:	96.02	19.2	95.68	76.54	95.75
7	4CS2-01	Discrete Mathematical Structures	CO1:	100	20	PROMOTED	PROMOTED	100
			CO2:	100	20	PROMOTED	PROMOTED	100
			CO3:	100	20	PROMOTED	PROMOTED	100
			CO4:	100	20	PROMOTED	PROMOTED	100
8	4CS1-02	Accounting /Technical	CO1:	99.65	19.93	PROMOTED	PROMOTED	99.65
			CO2:	98.58	19.72	PROMOTED	PROMOTED	98.58
			CO3:	99.65	19.93	PROMOTED	PROMOTED	99.65
9	4CS3-04	Microprocessors and Interfaces	CO1:	96.19	19.24	PROMOTED	PROMOTED	96.19
			CO2:	92.44	18.49	PROMOTED	PROMOTED	92.44
			CO3:	97.22	19.44	PROMOTED	PROMOTED	97.22
			CO4:	95.15	19.03	PROMOTED	PROMOTED	95.15
10	4CS2-05	Database Management	CO1:	97.32	19.46	PROMOTED	PROMOTED	97.32
			CO2:	99.31	19.86	PROMOTED	PROMOTED	99.31

		System	C03:	96.21	19.24	PROMOTED	PROMOTED	96.21
			C04:	97.5	19.5	PROMOTED	PROMOTED	97.5
11	4CS2-06	Theory of Computation	C01:	97.7	19.54	PROMOTED	PROMOTED	97.7
			C02:	96.12	19.22	PROMOTED	PROMOTED	96.12
			C03:	94.31	18.86	PROMOTED	PROMOTED	94.31
			C04:	96.94	19.39	PROMOTED	PROMOTED	96.94
12	4CS2-07	Data Communication and computer network	C01:	99.28	19.86	PROMOTED	PROMOTED	99.28
			C02:	98.24	19.65	PROMOTED	PROMOTED	98.24
			C03:	99.09	19.82	PROMOTED	PROMOTED	99.09
			C04:	99.09	19.82	PROMOTED	PROMOTED	99.09
13	5CS3-01	Information Theory & Coding	C01:	92.97	18.59	76.23	60.99	79.58
			C02:	90.63	18.13	76.23	60.99	79.11
			C03:	93.46	18.69	76.23	60.99	79.68
			C04:	94.71	18.94	76.23	60.99	79.93
14	5CS4-02	Compiler Design	C01:	97.87	19.57	38.57	30.86	50.43
			C02:	97.42	19.48	38.57	30.86	50.34
			C03:	96.35	19.27	38.57	30.86	50.13
			C04:	96.74	19.35	38.57	30.86	50.2
15	5CS4-03	Operating System	C01:	98.02	19.6	79.2	63.36	82.96
			C02:	99.14	19.83	79.2	63.36	83.19
			C03:	97.95	19.59	79.2	63.36	82.95
			C04:	98.84	19.77	79.2	63.36	83.13
16	5CS4-04	Computer Graphics & Multimedia	C01:	100	20	52.13	41.7	61.7
			C02:	100	20	52.13	41.7	61.7
			C03:	92.48	18.5	52.13	41.7	60.2
			C04:	93.73	18.75	52.13	41.7	60.45
17	5CS4-05	Analysis of Algorithm	C01:	95.25	19.05	41.47	33.18	52.23
			C02:	95.25	19.05	41.47	33.18	52.23
			C03:	97.34	19.47	41.47	33.18	52.64
			C04:	96.9	19.38	41.47	33.18	52.56
18	5CS5-12	Wireless Computing	C01:	99.62	19.92	38.9	31.12	51.05
			C02:	97.69	19.54	38.9	31.12	50.66
			C03:	99.24	19.85	38.9	31.12	50.97
			C04:	98.08	19.62	38.9	31.12	50.74
19	6CS3-01	Digital Image processing	C01:	97.05	19.41	PROMOTED	PROMOTED	97.05
			C02:	90.86	18.17	PROMOTED	PROMOTED	90.86
			C03:	95.66	19.13	PROMOTED	PROMOTED	95.66
			C04:	94.89	18.98	PROMOTED	PROMOTED	94.89
20	6CS4-02	Machine Learning	C01:	97.39	19.48	PROMOTED	PROMOTED	97.39
			C02:	96.24	19.25	PROMOTED	PROMOTED	96.24
			C03:	98.03	19.61	PROMOTED	PROMOTED	98.03
			C04:	98.03	19.61	PROMOTED	PROMOTED	98.03
21	6CS4-03	Information Security system	C01:	98.81	19.76	PROMOTED	PROMOTED	98.81
			C02:	97.66	19.53	PROMOTED	PROMOTED	97.66
			C03:	97.18	19.44	PROMOTED	PROMOTED	97.18
			C04:	96.8	19.36	PROMOTED	PROMOTED	96.8
22	6CS4-04	Computer Architecture and Organization	C01:	97.61	19.52	PROMOTED	PROMOTED	97.61
			C02:	97.22	19.44	PROMOTED	PROMOTED	97.22
			C03:	98.72	19.74	PROMOTED	PROMOTED	98.72
			C04:	97.89	19.58	PROMOTED	PROMOTED	97.89
23	6CS4-05	Artificial Intelligence	C01:	97.86	19.57	PROMOTED	PROMOTED	97.86
			C02:	96.65	19.33	PROMOTED	PROMOTED	96.65
			C03:	99.17	19.83	PROMOTED	PROMOTED	99.17
			C04:	99.55	19.91	PROMOTED	PROMOTED	99.55
24	6CS4-06	Cloud Computing	C01:	95.4	19.08	PROMOTED	PROMOTED	95.4
			C02:	94.5	18.9	PROMOTED	PROMOTED	94.5
			C03:	99.55	19.91	PROMOTED	PROMOTED	99.55
			C04:	98.72	19.74	PROMOTED	PROMOTED	98.72
25	6CS5-11	Distributed	C01:	95.23	19.05	PROMOTED	PROMOTED	95.23

		System	CO2:	94.08	18.82	PROMOTED	PROMOTED	94.08
			CO3:	96.77	19.35	PROMOTED	PROMOTED	96.77
			CO4:	97.99	19.6	PROMOTED	PROMOTED	97.99
26	7CS4-01	Internet Of Things	CO1:	96.15	19.23	59.94	47.95	67.18
			CO2:	96.43	19.29	59.94	47.95	67.24
			CO3:	97.32	19.46	59.94	47.95	67.41
			CO4:	97.63	19.53	59.94	47.95	67.48
27	7AG6-60.1	Human Engineering & Safety	CO1:	94.65	18.93	55.23	44.18	63.11
			CO2:	94.45	18.89	55.23	44.18	63.07
			CO3:	92.03	18.41	55.23	44.18	62.59
			CO4:	92.35	18.47	55.23	44.18	62.65
28	8CS4-01	Big Data Analytics	CO1:	100	20	60.03	48.02	68.02
			CO2:	99.19	19.84	60.03	48.02	67.86
			CO3:	99.6	19.92	60.03	48.02	67.94
			CO4:	98.79	19.76	60.03	48.02	67.78
29	8TT6-60.2	Disaster Management	CO1:	97.14	19.43	70.28	56.22	75.65
			CO2:	94.96	18.99	70.28	56.22	75.22
			CO3:	99.63	19.93	70.28	56.22	76.15
			CO4:	97.74	19.55	70.28	56.22	75.77
30	3CS4-21	Data Structures and Algorithms Lab	CO1:	100	20.00	100	80	100
			CO2:	100	20.00	100	80	100
			CO3:	100	20.00	100	80	100
31	3CS4-22	Object Oriented Programming Lab	CO1:	99.62	19.92	99.62	79.69	99.61
			CO2:	99.62	19.92	99.62	79.69	99.61
32	3CS4-22	Software Engineering Lab	CO1:	100	20.00	100	80	100
			CO2:	100	20.00	100	80	100
			CO3:	100	20.00	100	80	100
33	3CS4-23	Digital Electronics Lab	CO1:	100	20.00	100	80	100
			CO2:	100	20.00	100	80	100
34	3CS7-30	Industrial Training	CO1:	99.62	19.92	99.62	79.69	99.61
			CO2:	99.62	19.92	99.62	79.69	99.61
35	4CS4-21	Microprocessor & Interfaces	CO1:	100	20.00	100	80	100
			CO2:	100	20.00	100	80	100
36	4CS4-22	Database Management System Lab	CO1:	99.65	19.93	100	80	99.93
			CO2:	99.65	19.93	100	80	99.93
37	4CS4-23	Network Programming Lab	CO1:	100	20.00	100	80	100
			CO2:	100	20.00	100	80	100
38	4CS4-24	Linux & Shell Programming Lab	CO1:	100	20.00	99.65	79.72	99.72
			CO2:	100	20.00	99.65	79.72	99.72
39	4CS4-25	Java Lab	CO1:	99.64	19.92	99.64	79.71	99.63
			CO2:	99.64	19.92	99.64	79.71	99.63
			CO3:	99.64	19.92	99.64	79.71	99.63
40	5CS4-21	Computer Graphics & Multimedia Lab	CO1:	100	20.00	100	80	100
			CO2:	100	20.00	100	80	100
41	5CS4-22	Compiler Design Lab	CO1:	97.69	19.53	97.69	78.152	97.68
			CO2:	98.84	19.76	98.84	79.07	98.83
42	5CS4-23	Analysis of Algorithms Lab	CO1:	100	20.00	100	80	100
			CO2:	100	20.00	100	80	100
			CO3:	100	20.00	100	80	100
43	5CS4-24	Advance Java Lab	CO1:	100	20.00	100	80	100
			CO2:	100	20.00	100	80	100
			CO3:	100	20.00	100	80	100
44	5CS7-30	Industrial Training	CO1:	100	20.00	100	80	100
			CO2:	100	20.00	100	80	100
45	6CS4-21	Digital Image Processing Lab	CO1:	99.25	19.85	100	80	99.85
			CO2:	99.25	19.85	100	80	99.85
46	6CS4-22	Machine	CO1:	100	20.00	100	80	100

		Learning Lab	CO2:	100	20.00	100	80	100
			CO3:	96.25	19.25	100	80	99.25
47	6CS4-23	Python Lab	CO1:	100	20.00	100	80	100
			CO2:	100	20.00	100	80	100
48	6CS4-23	Mobile and Android Development Lab	CO1:	100	20.00	100	80	100
			CO2:	100	20.00	100	80	100
49	7CS4-21	Internet of Things Lab	CO1:	100	20.00	100	80	100
			CO2:	100	20.00	100	80	100
50	7CS4-22	Cyber Security Lab	CO1:	100	20.00	100	80	100
			CO2:	100	20.00	100	80	100
51	7CS7-30	Industrial Training	CO1:	100	20.00	100	80	100
			CO2:	100	20.00	100	80	100
52	7CS7-40	Seminar	CO1:	100	20.00	100	80	100
			CO2:	100	20.00	100	80	100
53	8CS4-21	Big Data Analytics Lab	CO1:	100	20.00	100	80	100
			CO2:	100	20.00	100	80	100
54	8CS4-22	Software Testing & Validation Lab	CO1:	100	20.00	99.57	79.66	99.66
			CO2:	100	20.00	99.57	79.66	99.66
55	8CS7-0	Project	CO1:	100	20.00	100	80	100
			CO2:	100	20.00	100	80	100
			CO3:	100	20.00	100	80	100

CO Attainment (Target >=60%) CAY 2019-20								
S.No.	Subject Code	Subject	Attainment 2019-2020	Final Attainment (IE)	20% Internal Exam weightage	Final Attainment (EE)	80% External Exam weightage	Final CO Attainment
1	3CS2-01	Advanced Engineering Mathematics	CO1:	77.28	15.46	54.66	43.73	59.19
			CO2:	87.23	17.45	54.66	43.73	61.18
			CO3:	87.34	17.47	54.66	43.73	61.2
			CO4:	88.67	17.73	54.66	43.73	61.47
2	3CS1-03	Managerial Economics and Financial Accounting	CO1:	63.94	12.79	56.7	45.36	58.14
			CO2:	60.33	12.07	56.7	45.36	57.42
			CO3:	62.10	12.42	56.7	45.36	57.78
3	3CS3-04	Digital Electronics	CO1:	54.88	10.98	11.28	9.02	20
			CO2:	54.81	10.96	11.28	9.02	19.99
			CO3:	56.37	11.27	11.28	9.02	20.3
			CO4:	43.69	8.74	11.28	9.02	17.76
4	3CS4-05	Data Structures and Algorithms	CO1:	41.95	8.39	56.88	45.51	53.9
			CO2:	61.79	12.36	56.88	45.51	57.86
			CO3:	41.08	8.22	56.88	45.51	53.72
			CO4:	65.32	13.06	56.88	45.51	58.57

5	3CS5A	Object Oriented Programming	CO1:	67.70	13.54	66.11	52.89	66.43
			CO2:	70.34	14.07	66.11	52.89	66.96
			CO3:	65.98	13.20	66.11	52.89	66.09
			CO4:	58.32	11.66	66.11	52.89	64.56
6	3CS4-07	Software engineering	CO1:	63.02	12.60	52.99	42.39	54.99
			CO2:	74.74	14.95	52.99	42.39	57.34
			CO3:	64.21	12.84	52.99	42.39	55.23
			CO4:	49.43	9.89	52.99	42.39	52.28
7	4CS2-01	Discrete Mathematical Structures	CO1:	88.24	17.65	70.06	56.05	73.7
			CO2:	95.54	19.11	76.44	61.15	80.26
			CO3:	94.88	18.98	75.92	60.74	79.71
			CO4:	97.32	19.46	77.84	62.27	81.74
8	4CS1-02	Accounting /Technical	CO1:	61.71	12.34	49.36	39.49	51.83
			CO2:	97.17	19.43	77.72	62.18	81.61
			CO3:	98.10	19.62	78.48	62.78	82.4
9	4CS3-04	Microprocessors and Interfaces	CO1:	80.89	16.18	64.72	51.78	67.95
			CO2:	73.60	14.72	58.88	47.1	61.82
			CO3:	80.53	16.11	64.44	51.55	67.66
			CO4:	76.28	15.26	61.04	48.83	64.09
10	4CS2-06	Database Management System	CO1:	80.32	16.06	64.24	51.39	67.46
			CO2:	94.87	18.97	75.88	60.7	79.68
			CO3:	95.20	19.04	76.16	60.93	79.97
			CO4:	93.70	18.74	74.96	59.97	78.71
11	4CS2-06	Theory of Computation	CO1:	56.91	11.38	45.52	36.42	47.8
			CO2:	90.87	18.17	72.68	58.14	76.32
			CO3:	88.53	17.71	68.68	54.94	72.65
			CO4:	82.32	16.46	65.84	52.67	69.14
12	4CS2-07	Data Communication and computer network	CO1:	88.80	17.76	71.04	56.83	74.59
			CO2:	85.91	17.18	68.72	54.98	72.16
			CO3:	79.63	15.93	63.72	50.98	66.9
			CO4:	81.23	16.25	65	52	68.25
13	5CS3-01	Information Theory & Coding	CO1:	82.85	16.57	72.3	57.84	74.41
			CO2:	84.02	16.80	72.3	57.84	74.64
			CO3:	71.11	14.22	72.3	57.84	72.06
			CO4:	74.89	14.98	72.3	57.84	72.81
14	5CS4-02	Compiler Design	CO1:	79.20	15.84	50.74	40.59	56.43
			CO2:	76.69	15.34	50.74	40.59	55.93
			CO3:	83.55	16.71	50.74	40.59	57.3
			CO4:	66.34	13.27	50.74	40.59	53.86
15	5CS4-03	Operating Systems	CO1:	80.93	16.19	76.73	61.38	77.57
			CO2:	81.30	16.26	76.73	61.38	77.64
			CO3:	71.92	14.38	76.73	61.38	75.77
			CO4:	78.08	15.62	76.73	61.38	77
16	5CS4-04	Computer Graphics &Multimedia Techniques	CO1:	76.58	15.32	46.07	36.85	52.17
			CO2:	84.20	16.84	46.07	36.85	53.69

			CO3:	62.20	12.44	46.07	36.85	49.29
			CO4:	65.33	13.07	46.07	36.85	49.92
17	5CS4-05	Analysis of Algorithms	CO1:	78.04	15.61	68.23	54.59	70.19
			CO2:	79.75	15.95	68.23	54.59	70.54
			CO3:	73.47	14.69	68.23	54.59	69.28
			CO4:	65.89	13.18	68.23	54.59	67.76
18	5CS5-12	Human Computer Interface	CO1:	63.51	12.70	53.6	42.88	55.58
			CO2:	60.00	12.00	53.6	42.88	54.88
			CO3:	82.51	16.50	53.6	42.88	59.38
			CO4:	77.55	15.51	53.6	42.88	58.39
19	6CS3-01	Digital Image processing	CO1:	98.75	19.75	79	63.2	82.95
			CO2:	81.75	16.35	65.4	52.32	68.67
			CO3:	82.75	16.55	65.4	52.32	68.87
			CO4:	96.50	19.30	77.2	61.76	81.06
20	6CS4-02	Machine Learning	CO1:	84.50	16.90	67.6	54.08	70.98
			CO2:	85.00	17.00	68	54.4	71.4
			CO3:	79.01	15.80	63.2	50.56	66.36
			CO4:	95.56	19.11	76.44	61.15	80.26
21	6CS4-03	Information Security system	CO1:	86.87	17.37	69.48	55.58	72.96
			CO2:	74.75	14.95	59.8	47.84	62.79
			CO3:	81.52	16.30	65.2	52.16	68.46
			CO4:	97.79	19.56	78.24	62.59	82.15
22	6CS4-04	Computer Architecture and Organization	CO1:	46.07	9.21	36.84	29.47	38.69
			CO2:	51.87	10.37	41.48	33.18	43.56
			CO3:	87.05	17.41	69.64	55.71	73.12
			CO4:	99.19	19.84	79.36	63.49	83.33
23	6CS4-05	Artificial Intelligence	CO1:	96.17	19.23	76.92	61.54	80.77
			CO2:	92.52	18.50	74	59.2	77.7
			CO3:	90.32	18.06	72.24	57.79	75.86
			CO4:	98.44	19.69	78.76	63.01	82.7
24	6CS4-06	Cloud Computing	CO1:	94.75	18.95	75.8	60.64	79.59
			CO2:	79.86	15.97	63.88	51.1	67.08
			CO3:	87.73	17.55	70.02	56.02	73.56
			CO4:	99.25	19.85	79.4	63.52	83.37
25	6CS5-11	Distributed System	CO1:	82.73	16.55	66.2	52.96	69.51
			CO2:	69.63	13.93	55.72	44.58	58.5
			CO3:	80.49	16.10	64.4	51.52	67.62
			CO4:	100.00	20.00	80	64	84
25	7CS1A	Cloud Computing	CO1:	92.87	18.57	65.93	52.74	71.31
			CO2:	88.63	17.73	65.93	52.74	70.47
			CO3:	82.48	16.50	65.93	52.74	69.24
			CO4:	80.16	16.03	65.93	52.74	68.77
26	7CS2A	Information systems & Security	CO1:	92.42	18.48	65.69	52.55	71.04
			CO2:	68.67	13.73	65.69	52.55	66.29
			CO3:	61.96	12.39	65.69	52.55	64.94

			CO4:	60.29	12.06	65.69	52.55	64.61
27	7CS3A	Data Mining & Warehousing	CO1:	89.19	17.84	58.78	47.02	64.86
			CO2:	64.44	12.89	58.78	47.02	59.91
			CO3:	43.28	8.66	58.78	47.02	55.68
			CO4:	55.72	11.14	58.78	47.02	58.17
28	7CS4A	CAD for VLSI	CO1:	74.45	14.89	65.84	52.67	67.56
			CO2:	74.33	14.87	65.84	52.67	67.54
			CO3:	79.87	15.97	65.84	52.67	68.64
			CO4:	81.05	16.21	65.84	52.67	68.88
29	7CS5A	Compiler Construction	CO1:	93.48	18.70	65.3	52.24	70.93
			CO2:	84.93	16.99	65.3	52.24	69.22
			CO3:	88.44	17.69	65.3	52.24	69.92
			CO4:	85.63	17.13	65.3	52.24	69.36
30	7CS6.3A	Data Compression Techniques	CO1:	91.05	18.21	39.46	31.57	49.78
			CO2:	80.14	16.03	39.46	31.57	47.59
			CO3:	72.75	14.55	39.46	31.57	46.12
			CO4:	49.05	9.81	39.46	31.57	41.38
31	8CS1A	Mobile Computing	CO1:	95.76	19.15	76.6	61.28	80.43
			CO2:	94.65	18.93	75.72	60.58	79.51
			CO3:	97.50	19.50	78	62.4	81.9
			CO4:	100.00	20.00	80	64	84
32	8CS2A	Digital Image Processing	CO1:	76.49	15.30	61.2	48.96	64.26
			CO2:	76.01	15.20	60.8	48.64	63.84
			CO3:	77.72	15.54	62.16	49.73	65.27
			CO4:	76.96	15.39	61.56	49.25	64.64
33	8CS3A	DS Distributed Systems	CO1:	99.30	19.86	79.44	63.55	83.41
			CO2:	94.46	18.89	75.56	60.45	79.34
			CO3:	95.31	19.06	76.24	60.99	80.05
			CO4:	98.72	19.74	78.96	63.17	82.91
34	8CS4.2A	Real Time Systems	CO1:	80.14	16.03	39.46	31.57	47.59
			CO2:	68.57	13.71	54.84	43.87	57.59
			CO3:	82.00	16.40	65.6	52.48	68.88
			CO4:	84.25	16.85	67.4	53.92	70.77

Table B. 3.2.2: Attainment of Course Outcomes of all courses with respect to set attainment levels (2019-20)

3.3. Attainment of Program Outcomes and Program Specific Outcomes (50)

3.3.1. Describe assessment tools and processes used for measuring the attainment of each of the Program Outcomes and Program Specific Outcomes (10)

Direct attainment = 80 % weightage of end semester examination (ESE) + 20% weightage of Mid-term examination (MTE) = $0.8x + 0.2y$, where $x = \text{ESE}$, $y = \text{MTE}$

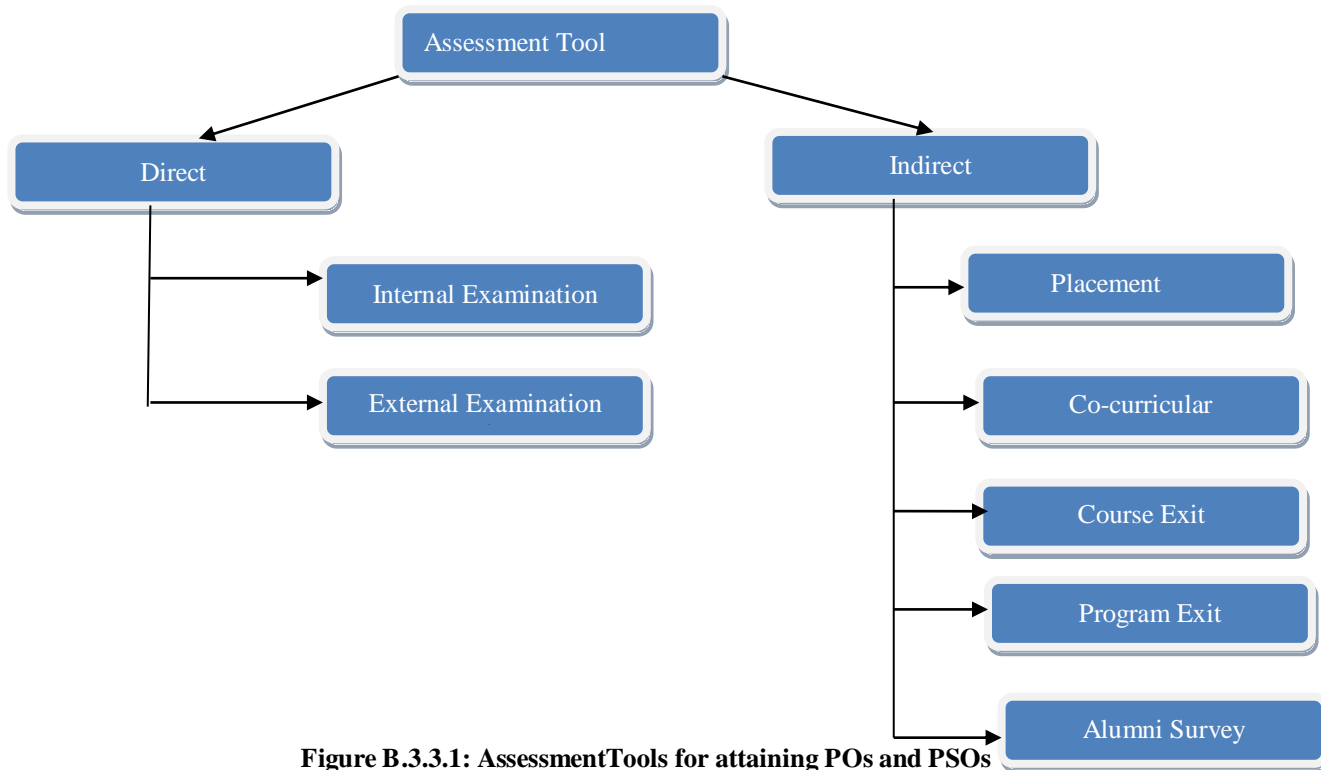


Figure B.3.3.1: Assessment Tools for attaining POs and PSOs

3.3.2. Provide results of evaluation of each PO & PSO (40)

Results of evaluation: This is sample of evaluation of PO1 attainments in the respective years using mentioned tools, corresponding mappings and their rubric. Evaluation of other POs has been done in similar way.

Results of evaluation of each PO (2020-21)

Direct Attainment of PO's and PSO's (2020-21)

S.No.	Subject Code	Subject	COs	Engineering knowledge	Problem Analysis	Design /development of solutions	Conduct investigations of complex problems	Modern tool usage	The engineer and society	Environment and sustainability	Ethics	Individual and team work	Communication	Project Management and finance	Life – long Learning	PSOs		
				PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	
1	3CS2001	Advanced Engineering Mathematics	CO1:	2.95	1.97	0.98	0	0.98	0	0	0	0.98	0.98	0	0.98	0	0	
			CO2:	2.95	1.97	0.98	0	0.98	0	0	0	0	0.98	0.98	0	0.98	0	0
			CO3:	3	2	1	0	1	0	0	0	0	1	1	0	1	0	0

			CO4:	3	2	1	0	1	0	0	0	1	1	0	1	0	0
2	3CS1003	Managerial Economics and Financial Accounting	CO1:	0	0.98	0	0.98	0	1.97	0.98	0	0.98	2.96	1.97	0.98	0	0
			CO2:	0	0.98	0	0.98	0	1.97	0.98	0	0.98	2.95	1.97	0.98	0	0.98
			CO3:	0	0.96	0	0.96	0	1.92	1.92	0.96	0.96	2.88	1.92	0.96	0	0.96
			CO4:	0	0.95	0	0	0	1.91	0.95	0	0.95	2.87	1.91	0.95	0	0
3	3CS3004	Digital Electronics	CO1:	1.82	0.91	0.91	0	0.91	0	0	0	0.91	0.91	0	1.82	1.82	0
			CO2:	0.9	0	1.81	1.81	0.9	0	0	0	0.9	1.81	0	0.9	2.72	0
			CO3:	2.65	0.88	0	1.77	1.77	0	0	0	0.88	0.88	0	0.88	1.77	0
			CO4:	1.78	0.89	0.89	0	2.67	0	0	0	0.89	0	0	1.78	1.78	0
4	3CS4005	Data Structures and Algorithms	CO1:	2.91	1.94	0.97	1.94	2.91	1.94	0	0	0.97	0.97	1.94	1.94	2.91	1.94
			CO2:	2.9	1.93	1.93	2.9	2.9	1.93	0.96	0.96	1.93	1.93	1.93	2.9	1.93	2.9
			CO3:	2.9	2.9	2.9	2.9	2.9	0.96	0.96	0	2.9	0.96	2.9	2.9	1.93	1.93
			CO4:	2.91	1.94	1.94	1.94	1.94	0.97	0.97	0	2.91	0.97	1.94	2.91	1.94	1.94
5	3CS4006	Object Oriented Programming	CO1:	2.9	2.9	2.9	1.93	2.9	1.93	0	0	1.93	1.93	1.93	1.93	2.9	1.93
			CO2:	2.89	1.92	2.89	2.89	2.89	1.92	0	0	1.92	1.92	1.92	2.89	1.92	2.89
			CO3:	2.89	1.92	2.89	1.92	1.92	1.92	0	0	1.92	1.92	1.92	1.92	1.92	1.92
			CO4:	2.87	1.91	2.87	2.87	2.87	1.91	0	0	2.87	2.87	2.87	1.91	1.91	1.91
6	3CS4007	Software engineering	CO1:	2.86	1.91	2.86	0.95	1.91	0.95	1.91	0.95	1.91	0.95	0.95	2.86	0	2.86
			CO2:	2.86	1.9	2.86	0.95	2.86	0.95	0.95	0.95	2.86	0.95	0.95	1.9	0	2.86
			CO3:	2.86	1.91	2.86	0.95	2.86	0.95	0.95	0.95	2.86	1.91	1.91	2.86	0	1.91
			CO4:	2.87	2.87	2.87	1.91	2.87	0.95	0.95	1.91	2.87	0.95	1.91	2.87	0.95	2.87
7	4CS2001	Discrete Mathematical Structures	CO1:	3	3	3	1	1	1	1	0	0	1	0	1	0	0
			CO2:	3	3	2	2	1	2	0	0	0	1	0	1	0	0
			CO3:	3	3	2	2	1	1	0	0	0	1	1	1	1	0
			CO4:	3	3	2	3	1	1	0	0	0	1	0	1	0	0
8	4CS1002	Accounting /Technical	CO1:	0	0	0.99	2.98	0	0	0.99	0	0.99	0	2.98	1.99	0	0
			CO2:	0	0	0.98	2.95	0	0	0.98	0	0.98	0	2.95	1.97	0	0
			CO3:	0	0	0.99	2.98	0	0	0.99	0.99	0.99	0	2.98	1.99	0	0
9	4CS3004	Microprocessors and Interfaces	CO1:	2.88	0.96	1.92	0.96	0.96	0.96	0	0	1.92	0.96	0	1.92	0.96	0.96
			CO2:	2.77	1.84	2.77	0.92	0.92	0.92	0	0	1.84	0.92	0	1.84	0.92	1.84
			CO3:	2.91	1.94	2.91	0.97	0.97	0.97	0	0	1.94	0.97	0	1.94	0.97	1.94
			CO4:	2.85	1.9	2.85	0.95	0.95	0.95	0	0	1.9	0.95	0	1.9	0.95	0
10	4CS2005	Database Management System	CO1:	2.91	2.91	2.91	0.97	2.91	1.94	0.97	2.91	2.91	2.91	2.91	2.91	1.94	0.97
			CO2:	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	1.98	2.97
			CO3:	2.88	2.88	2.88	0.96	2.88	1.92	0.96	2.88	2.88	2.88	2.88	1.92	1.92	1.92
			CO4:	2.92	2.92	2.92	2.92	2.92	1.95	0.97	2.92	2.92	2.92	2.92	2.92	1.95	0.97
11	4CS2006	Theory of Computation	CO1:	2.93	1.95	0.97	0.97	1.95	0	0	0	0.97	0.97	0	0.97	0	0
			CO2:	2.88	1.92	1.92	1.92	1.92	0	0	0	0.96	1.92	0	0.96	0	0
			CO3:	2.82	0.94	2.82	1.88	1.88	0	0	0	0.94	1.88	0	0.94	0	0
			CO4:	2.9	2.9	2.9	1.93	1.93	0	0.96	0	0.96	1.93	0.96	0.96	0	0
12	4CS2007	Data Communication and computer network	CO1:	2.97	1.98	0.99	0.99	0.99	0	0	0.99	0.99	0.99	0.99	1.98	2.97	2.97
			CO2:	2.94	1.96	2.94	1.96	1.96	0	0	0.98	1.96	0.98	0.98	1.96	2.94	2.94
			CO3:	2.97	0.99	1.98	1.98	1.98	0	0	0.99	1.98	0.99	0.99	1.98	2.97	2.97
			CO4:	2.97	2.97	2.97	1.98	1.98	0.99	0	1.98	0.99	0.99	0.99	1.98	2.97	2.97
13	5CS3001	Information Theory	CO1:	2.38	1.59	0.79	1.59	1.59	0	0	0	0.79	0.79	0	0.79	0.79	0

		& Coding	CO2:	2.37	1.58	2.37	0.79	0.79	0	0.79	0.79	0.79	0.79	0	0.79	0.79	0
			CO3:	2.39	0.79	1.59	1.59	1.59	0	0	0	0.79	0.79	0	0.79	0.79	0
			CO4:	2.39	2.39	2.39	1.59	1.59	0	0	0	0.79	0.79	0.79	0.79	0.79	0.79
14	5CS4002	Compiler Design	CO1:	1.51	1.51	1	1.51	0.5	0	0	0	1	1	0	1	1.51	1
			CO2:	1.51	1.51	0.5	1	1	0	0	0	1	1	0	1	1	1
			CO3:	1.5	1.5	1	1	1	0	0	0	1	1	0	1	1	1
			CO4:	1.5	1.5	1	1	1	0	0	0	1	1	0.5	1	1	1
15	5CS4003	Operating Systems	CO1:	2.48	2.48	0.82	0.82	0.82	0.82	0	1.65	2.48	0.82	2.48	2.48	2.48	1.65
			CO2:	2.49	2.49	1.66	1.66	1.66	1.66	0.83	1.66	1.66	0.83	1.66	2.49	1.66	1.66
			CO3:	2.48	2.48	1.65	1.65	2.48	2.48	1.65	0.82	2.48	0.82	1.65	2.48	1.65	1.65
			CO4:	2.49	2.49	2.49	1.66	1.66	1.66	0.83	0.83	2.49	1.66	1.66	2.49	1.66	1.66
16	5CS4004	Computer Graphics & Multimedia Techniques	CO1:	1.85	1.85	1.85	1.85	1.85	0.61	0.61	0.61	0.61	0.61	1.23	1.85	0	0.61
			CO2:	1.85	1.85	1.85	1.85	1.85	0.61	0.61	0.61	1.23	0.61	1.23	1.85	0	0.61
			CO3:	1.8	1.8	1.8	1.8	1.8	0.6	0.6	0.6	0.6	0.6	1.2	1.2	0	0.6
			CO4:	1.81	1.81	1.2	1.81	1.81	0.6	0.6	0	0.6	0.6	1.81	1.81	0.6	0.6
17	5CS4005	Analysis of Algorithms	CO1:	1.56	1.04	1.56	1.56	1.04	0	0	0	0.52	0.52	0	1.04	0	0.52
			CO2:	1.56	1.04	1.04	1.56	1.04	0	0	0	0	0.52	0.52	0.52	0	0
			CO3:	1.57	1.05	1.05	1.57	1.05	0	0	0	0	0.52	0	0.52	0	0
			CO4:	1.57	1.57	1.05	1.57	1.05	0	0	0	0	0.52	0	0.52	0.52	0
18	5CS5012	Human Computer Interface	CO1:	1.53	1.02	1.53	1.53	0.51	0	0.51	1.02	0.51	1.02	0.51	0	0.51	1.02
			CO2:	1.51	1.01	1.51	1.51	1.01	0.5	0.5	1.01	0.5	0.5	0.5	0.5	0.5	0.5
			CO3:	1.52	1.01	1.01	1.52	1.01	0.5	0.5	0.5	1.01	1.01	0.5	0.5	0.5	0.5
			CO4:	1.52	1.52	1.01	1.01	1.01	1.01	1.01	0.5	1.01	0.5	0.5	0.5	0.5	0.5
19	6CS3001	Digital Image processing	CO1:	2.91	2.91	0.97	0.97	1.94	0	0	0.97	0.97	0.97	1.94	2.91	0	0.97
			CO2:	2.72	2.72	0.9	0.9	1.81	0	0	0.9	0.9	0.9	1.81	2.72	0	0.9
			CO3:	2.86	2.86	0.95	1.91	1.91	0	0	1.91	0.95	1.91	1.91	2.86	0	0.95
			CO4:	2.84	2.84	1.89	0.94	1.89	0.94	0	0.94	1.89	0.94	0.94	1.89	0.94	0.94
20	6CS4002	Machine Learning	CO1:	2.92	2.92	2.92	2.92	1.94	0.97	2.92	1.94	1.94	1.94	0.97	1.94	2.92	1.94
			CO2:	2.88	2.88	2.88	2.88	1.92	0.96	2.88	1.92	1.92	1.92	0.96	2.88	1.92	1.92
			CO3:	2.94	1.96	2.94	2.94	1.96	1.96	2.94	1.96	1.96	0.98	1.96	1.96	1.96	1.96
			CO4:	2.94	2.94	1.96	1.96	1.96	0.98	2.94	0.98	1.96	1.96	0.98	1.96	1.96	1.96
21	6CS4003	Information Security system	CO1:	2.96	2.96	1.97	1.97	0.98	0.98	0	0.98	0.98	0.98	0.98	1.97	1.97	2.96
			CO2:	2.92	2.92	1.95	1.95	1.95	1.95	0	0.97	0.97	1.95	0	1.95	2.92	2.92
			CO3:	2.91	2.91	2.91	1.94	0.97	0.97	0	0.97	0.97	0.97	0	1.94	2.91	2.91
			CO4:	2.9	2.9	1.93	1.93	0.96	0.96	0	0.96	0.96	0.96	0	1.93	2.9	2.9
22	6CS4004	Computer Architecture and Organization	CO1:	2.92	0.97	0.97	2.92	2.92	0.97	1.95	1.95	2.92	1.95	0.97	2.92	0.97	0.97
			CO2:	2.91	1.94	2.91	2.91	2.91	0.97	1.94	1.94	2.91	1.94	0.97	2.91	0.97	1.94
			CO3:	2.96	1.97	1.97	2.96	2.96	0.98	1.97	0.98	1.97	1.97	0.98	2.96	0.98	0
			CO4:	2.93	1.95	2.93	1.95	2.93	0.97	1.95	1.95	2.93	0.97	0.97	2.93	0.97	0.97
23	6CS4005	Artificial Intelligence	CO1:	2.93	1.95	0.97	2.93	2.93	2.93	1.95	2.93	2.93	0.97	0.97	2.93	2.93	1.95
			CO2:	2.89	1.93	2.89	2.89	2.89	1.93	1.93	2.89	2.89	1.93	1.93	2.89	1.93	1.93
			CO3:	2.97	2.97	2.97	2.97	2.97	0.99	1.98	2.97	2.97	1.98	1.98	2.97	1.98	1.98
			CO4:	2.98	2.98	2.98	2.98	1.99	2.98	1.99	1.99	2.98	1.99	1.99	2.98	1.99	1.99
24	6CS4006	Cloud Computing	CO1:	2.86	1.9	1.9	1.9	1.9	0.95	1.9	1.9	0.95	1.9	1.9	2.86	1.9	2.86
			CO2:	2.83	1.89	1.89	1.89	2.83	1.89	0.94	1.89	1.89	1.89	1.89	2.83	2.83	2.83

			CO3:	2.98	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	2.98	2.98	2.98
			CO4:	2.96	2.96	1.97	0.98	1.97	1.97	1.97	1.97	1.97	2.96	1.97	2.96	0.98	2.96
25	6CS5011	Distributed System	CO1:	2.86	1.9	1.9	1.9	1.9	0.95	1.9	1.9	0.95	1.9	1.9	2.86	1.9	2.86
			CO2:	2.83	1.89	1.89	1.89	2.83	1.89	0.94	1.89	1.89	1.89	1.89	2.83	2.83	2.83
			CO3:	2.98	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	2.98	2.98	2.98
			CO4:	2.96	2.96	1.97	0.98	1.97	1.97	1.97	1.97	1.97	1.97	2.96	1.97	2.96	0.98
25	7CS4-01	Internet Of Things	CO1:	1.88	1.88	1.25	1.25	1.25	1.25	0	0.62	1.25	1.25	1.25	1.88	1.25	1.88
			CO2:	1.88	1.88	1.88	1.88	1.88	0.62	0.62	0.62	0.62	1.25	1.25	1.88	1.88	1.88
			CO3:	1.89	1.26	1.89	0.63	1.89	1.26	0.63	0.63	1.26	0.63	0.63	1.89	1.89	1.89
			CO4:	1.89	1.89	1.89	1.89	1.89	1.26	1.26	0.63	1.89	1.89	1.89	1.89	1.89	1.89
26	7AG6-60.1	Human Engineering & Safety	CO1:	1.16	0.58	1.16	1.16	1.74	1.74	1.74	1.74	1.16	0.58	1.16	1.16	0	0
			CO2:	1.16	1.16	1.74	0.58	1.16	1.74	1.74	1.74	0.58	0.58	1.16	1.74	0	0
			CO3:	0.57	1.15	1.72	1.15	1.72	1.72	1.72	1.72	0.57	0.57	1.15	1.72	0	0
			CO4:	1.15	1.15	1.15	1.15	1.15	1.15	1.72	1.72	1.15	0.57	1.15	1.15	0	0
27	8CS4-01	Big Data Analytics	CO1:	2.04	1.36	1.36	1.36	0.68	1.36	0.68	0.68	1.36	1.36	1.36	2.04	1.36	1.36
			CO2:	2.03	2.03	2.03	1.35	1.35	1.35	1.35	1.35	0.67	0.67	1.35	2.03	1.35	1.35
			CO3:	2.03	2.03	2.03	1.35	1.35	2.03	0.67	1.35	1.35	1.35	1.35	2.03	2.03	1.35
			CO4:	2.03	2.03	2.03	1.35	1.35	2.03	1.35	1.35	1.35	1.35	1.35	2.03	1.35	2.03
28	8TT6-60.2	Disaster Management	CO1:	0.75	1.51	2.26	1.51	1.51	2.26	0.75	0.75	1.51	0.75	2.26	1.51	0	0
			CO2:	0.75	2.25	1.5	1.5	1.5	2.25	2.25	2.25	1.5	0.75	1.5	2.25	0	0
			CO3:	1.52	2.28	2.28	1.52	1.52	2.28	2.28	1.52	1.52	1.52	2.28	2.28	0	0
			CO4:	1.51	2.27	2.27	1.51	1.51	2.27	1.51	2.27	1.51	1.51	1.51	1.51	0	0
30	3CS4-21	Data Structures & Algorithm Lab	CO1:	3	3	3	2	2	1	0	1	2	0	1	2	3	0
			CO2:	3	3	3	3	2	1	0	1	2	0	1	2	3	0
			CO3:	3	3	3	3	2	1	0	1	2	0	1	2	3	0
31	3CS4-22	Object Oriented Programming lab	CO1:	3	3	2	2	3	0	0	1	1	0	1	2	1	2
			CO2:	3	2	2	3	2	1	1	3	1	1	3	1	1	2
32	3CS4-23	Software Engineering lab	CO1:	3	3	3	2	2	2	2	2	2	2	3	2	2	2
			CO2:	3	3	3	2	3	2	2	2	2	2	3	2	2	2
			CO3:	3	3	3	2	2	2	2	2	2	2	3	2	2	2
33	3CS4-24	Digital Electronics Lab	CO1:	2	2	1	0	1	1	1	0	1	2	2	3	1	1
			CO2:	3	2	3	2	3	2	1	0	2	2	2	3	1	1
34	3CS7-30	Industrial Training	CO1:	2.98	2.98	1.99	1.99	1.99	0.99	0.99	1.99	1.99	2.98	2.98	2.98	1.99	1.99
35	4CS4-21	Microprocessor lab	CO1:	3	2	3	1	3	1	2	2	1	2	2	3	1	1
			CO2:	3	2	3	2	3	2	1	1	2	2	1	3	1	1
36	4CS4-22	DBMS lab	CO1:	1.99	1.99	1.99	2.99	2.99	0.99	0.99	0.99	0.99	1.99	1.99	1.99	2.99	2.99
			CO2:	1.99	2.99	2.99	2.99	2.99	0.99	0.99	0.99	0.99	1.99	1.99	1.99	2.99	2.99
37	4CS4-23	NP lab	CO1:	2	2	3	1	3	1	2	1	1	2	2	3	2	2
			CO2:	3	2	3	2	3	2	1	1	2	2	2	3	2	2
38	4CS4-24	Linux Shell Programming Lab	CO1:	2.99	2.99	2.99	1.99	2.99	0.99	0	0	0.99	0.99	1.99	1.99	0.99	0.99
			CO2:	2.99	2.99	2.99	1.99	1.99	0.99	0	0	0.99	0.99	1.99	1.99	0.99	0.99
39	4CS4-25	Java Lab	CO1:	2.98	1.99	0.99	1.99	0.99	0.99	0	0	0.99	1.99	1.99	2.98	1.99	1.99
			CO2:	2.98	1.99	0.99	1.99	0.99	0.99	0	0	0	1.99	0	2.98	1.99	1.99
			CO3:	2.96	1.98	0.98	1.98	0.98	0.98	0	0	0.98	1.98	1.98	2.96	1.98	1.98

40	5CS4-21	Computer Graphics & Multimedia Lab	CO1:	3	3	2	3	1	1	1	1	1	2	2	1	2	2
			CO2:	3	2	3	3	3	2	2	1	2	3	2	2	2	2
41	5CS4-22	Compiler Design Lab	CO1:	2.93	2.93	2.93	1.95	2.93	0	0	0	0.97	0.97	1.95	1.95	0.97	0.97
			CO2:	2.96	2.96	2.96	1.97	1.97	0	0	0	0.98	0.98	1.97	1.97	0.98	0.98
42	5CS4-23	Analysis of Algorithms Lab	CO1:	3	3	3	3	3	1	0	0	0	0	0	2	2	2
			CO2:	3	3	3	3	3	1	0	0	0	0	0	2	2	2
			CO3:	3	3	3	3	3	1	0	0	0	0	0	2	2	2
43	5CS4-24	Advance Java Lab	CO1:	3	3	3	2	2	2	1	1	1	2	1	3	2	2
			CO2:	3	3	3	1	3	1	2	2	1	1	2	3	3	2
			CO3:	3	3	3	2	2	2	1	1	1	2	1	3	2	2
44	5CS7-30	INDUSTRIAL TRAINING	CO1:	3	3	2	2	2	1	1	2	2	3	3	3	1	1
			CO2:	3	3	3	3	3	1	1	2	2	3	3	3	1	1
45	6CS4-21	Digital image processing Lab.	CO1:	1.99	1.99	2.99	0.99	2.99	0.99	1.99	1.99	0.99	1.99	1.99	2.99	0.99	0.99
			CO2:	2.99	1.99	2.99	1.99	2.99	1.99	0.99	1.99	1.99	1.99	1.99	2.99	0.99	0.99
46	6CS4-22	Machine learning Lab	CO1:	3	3	3	3	2	2	1	1	2	2	1	3	2	1
			CO2:	3	3	3	3	3	2	2	2	2	1	2	3	2	2
			CO3:	2.97	2.97	2.97	2.97	1.98	1.98	0.99	0.99	1.98	1.98	0.99	2.97	1.98	0.99
47	6CS4-23	Python Lab.	CO1:	3	3	3	2	2	1	1	1	2	3	2	3	1	2
			CO2:	3	3	3	2	2	1	1	1	2	3	2	3	2	2
48	6CS4-24	MADL Lab.	CO1:	3	2	3	2	2	1	1	1	2	2	3	2	2	3
			CO2:	3	2	2	2	2	1	1	1	2	2	3	2	2	3
49	7CS4-21	Internet of Things Lab	CO1:	3	3	3	2	3	0	3	1	2	2	2	3	1	2
			CO2:	3	3	3	3	3	1	3	1	1	2	2	3	2	1
50	7CS4-22	Cyber Security Lab	CO1:	3	3	2	2	3	3	2	2	3	2	2	3	3	1
			CO2:	3	2	3	3	3	3	3	3	3	3	3	3	3	1
51	7CS7-30	Industrial Training	CO1:	3	3	2	2	2	1	1	2	2	3	3	3	2	2
			CO2:	3	3	3	3	3	1	1	2	2	3	3	3	3	2
52	7CS7-40	Seminar	CO1:	3	3	3	2	2	2	2	2	3	3	3	3	1	1
			CO2:	3	3	3	3	3	2	1	1	3	2	2	3	2	2
53	8CS4-21	Big Data Analytics Lab	CO1:	3	3	3	2	3	2	1	1	2	1	3	3	2	2
			CO2:	3	3	3	3	3	2	1	1	2	2	3	3	2	2
54	8CS4-22	Software Testing and Validation Lab	CO1:	1.99	2.98	2.98	1.99	2.98	1.99	1.99	1.99	1.99	2.98	1.99	1.99	2.98	1.99
			CO2:	1.99	2.98	2.98	1.99	2.98	1.99	0.99	0.99	1.99	1.99	1.99	1.99	1.99	1.99
55	8CS7-50	Project	CO1:	3	3	2	3	2	3	2	3	2	2	2	3	3	3
			CO2:	3	3	3	2	2	2	2	2	2	2	2	3	3	3

POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
PO/PSO Target (Mapping AVG DIRECT)	2.78	2.48	2.42	2.12	2.19	1.27	1.04	1.13	1.63	1.63	1.67	2.36	1.58	1.54
PO/PSO Attainment(DIRECT)	2.57	2.3	2.25	1.94	2.04	1.19	0.95	1.05	1.52	1.56	1.57	2.2	1.52	1.45

Table B.3.3.2a: Direct Assessment process for attaining POs

PO1	Tools	Mapping	Score	Attained Marks	Rubric
INDIRECT	Placement	H	3	3	>=60% students placed => 100% marks
					Else = percentile
	Co-curricular activities(Social +Technical)	H	3	3	>=50% students participated => 100% marks
					Else = percentile
	Course Exit survey	H	3	3	AVG. Marks given by respondent
	Student Exit survey	H	3	3	AVG. Marks given by respondent
Alumni survey	L	1	1	AVG. Marks given by respondent	
	Avg		2.6	2.6	

Table B.3.3.2b: Indirect Assessment process for attaining PO1

PO2	Tools	Mapping	Score	Marks	Rubric
INDIRECT	Placement	H	3	3	>=60% students placed => 100% marks
					Else = percentile
	Co-curricular activities(Social +Technical)	H	3	3	>=50% students participated => 100% marks
					Else = percentile
	Course Exit survey	H	3	3	AVG. Marks given by respondent
	Student Exit survey	H	3	3	AVG. Marks given by respondent
Alumni survey	L	1	1	AVG. Marks given by respondent	
	Avg		2.6	2.6	

Table B.3.3.2c: Indirect Assessment process for attaining PO2

PO3	Tools	Mapping	Score	Marks	Rubric
INDIRECT	Placement	M	2	2	>=60% students placed => 100% marks
					Else = percentile
	Co-curricular activities(Social +Technical)	H	3	3	>=50% students participated => 100% marks
					Else = percentile
	Course Exit survey	H	3	3	AVG. Marks given by respondent
	Student Exit survey	H	3	3	AVG. Marks given by respondent
Alumni survey	L	1	1	AVG. Marks given by respondent	
	Avg		2.4	2.4	

Table B.3.3.2d: Indirect Assessment process for attaining PO3

PO4	Tools	Mapping	Score	marks	Rubric
INDIRECT	Placement	M	2	2	>=60% students placed => 100% marks
					Else = percentile
	Co-curricular activities(Social +Technical)	H	3	3	>=50% students participated => 100% marks
					Else = percentile

	Course Exit survey	M	2	2	AVG. Marks given by respondent
	Student Exit survey	H	3	3	AVG. Marks given by respondent
	Alumni survey	L	1	1	AVG. Marks given by respondent
	Avg		2.2	2.2	

Table B.3.3.2e: Indirect Assessment process for attaining PO4

PO5	Tools	Mapping	Score	marks	Rubric
INDIRECT	Placement	H	3	3	>=60% students placed => 100% marks
					Else = percentile
	Co-curricular activities(Social +Technical)	H	3	3	>=50% students participated => 100% marks
					Else = percentile
	Course Exit survey	M	2	2	AVG. Marks given by respondent
	Student Exit survey	H	3	3	AVG. Marks given by respondent
Alumni survey	L	1	1	AVG. Marks given by respondent	
	Avg		2.4	2.4	

Table B.3.3.2f: Indirect Assessment process for attaining PO5

PO6	Tools	Mapping	Score	marks	Rubric
INDIRECT	Placement	M	2	2	>=60% students placed => 100% marks
					Else = percentile
	Co-curricular activities(Social +Technical)	H	3	3	>=50% students participated => 100% marks
					Else = percentile
	Course Exit survey	M	2	2	AVG. Marks given by respondent
	Student Exit survey	M	2	2	AVG. Marks given by respondent
Alumni survey	M	2	2	AVG. Marks given by respondent	
	Avg		2.2	2.2	

Table B.3.3.2g: Indirect Assessment process for attaining PO6

PO7	Tools	Mapping	Score	marks	Rubric
INDIRECT	Placement	M	2	2	>=60% students placed => 100% marks
					Else = percentile
	Co-curricular activities(Social +Technical)	M	2	2	>=50% students participated => 100% marks
					Else = percentile
	Course Exit survey	M	2	2	AVG. Marks given by respondent
	Student Exit survey	M	2	2	AVG. Marks given by respondent
Alumni survey	M	2	2	AVG. Marks given by respondent	
	Avg		2	2	

Table B.3.3.2h: Indirect Assessment process for attaining PO7

PO8	Tools	Mapping	Score	marks	Rubric
INDIRECT	Placement	H	3	3	>=60% students placed => 100% marks
					Else = percentile
	Co-curricular activities(Social +Technical)	H	3	3	>=50% students participated => 100% marks
					Else = percentile
	Course Exit survey	H	3	3	AVG. Marks given by respondent
	Student Exit survey	H	3	3	AVG. Marks given by respondent
Alumni survey	H	3	3	AVG. Marks given by respondent	
	Avg		3	3	

Table B.3.3.2i: Indirect Assessment process for attaining PO8

PO9	Tools	Mapping	Score	marks	Rubric
INDIRECT	Placement	H	3	3	>=60% students placed => 100% marks
					Else = percentile
	Co-curricular activities(Social +Technical)	H	3	3	>=50% students participated => 100% marks
					Else = percentile
	Course Exit survey	H	3	3	AVG. Marks given by respondent
	Student Exit survey	H	3	3	AVG. Marks given by respondent
Alumni survey	H	3	3	AVG. Marks given by respondent	
	Avg		3	3	

Table B.3.3.2j: Indirect Assessment process for attaining PO9

PO10	Tools	Mapping	Score	marks	Rubric
INDIRECT	Placement	H	3	3	>=60% students placed => 100% marks
					Else = percentile
	Co-curricular activities(Social +Technical)	H	3	3	>=50% students participated => 100% marks
					Else = percentile
	Course Exit survey	H	3	3	AVG. Marks given by respondent
	Student Exit survey	H	3	3	AVG. Marks given by respondent
Alumni survey	M	2	2	AVG. Marks given by respondent	
	Avg		2.8	2.8	

Table B.3.3.2k: Indirect Assessment process for attaining PO10

PO11	Tools	Mapping	Score	marks	Rubric
INDIRECT	Placement	H	3	3	>=60% students placed => 100% marks
					Else = percentile

	Co-curricular activities(Social +Technical)	H	3	3	>=50% students participated => 100% marks Else = percentile
	Course Exit survey	M	2	2	AVG. Marks given by respondent
	Student Exit survey	H	3	3	AVG. Marks given by respondent
	Alumni survey	L	1	1	AVG. Marks given by respondent
	Avg		2.4	2.4	

Table B.3.3.2l: Indirect Assessment process for attaining PO11

PO12	Tools	Mapping	Score	marks	Rubric
INDIRECT	Placement	H	3	3	>=60% students placed => 100% marks Else = percentile
	Co-curricular activities(Social +Technical)	H	3	3	>=50% students participated => 100% marks Else = percentile
	Course Exit survey	H	3	3	AVG. Marks given by respondent
	Student Exit survey	H	3	3	AVG. Marks given by respondent
	Alumni survey	M	2	2	AVG. Marks given by respondent
	Avg			2.8	2.8

Table B.3.3.2m: Indirect Assessment process for attaining PO12

POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
PO/PSO Target (Mapping AVG INDIRECT)	2.6	2.6	2.4	2.2	2.4	2.2	2	3	3	2.8	2.4	2.8	2.2	2.4
PO/PSO Attainment(INDIRECT)	2.6	2.6	2.4	2.2	2.4	2.2	2	3	3	2.8	2.4	2.8	2.2	2.4

Table B.3.3.2n: Indirect Assessment process for attaining POs

Target of PO's and PSO's (2020-21)

POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
DIRECT (x)	2.78	2.48	2.42	2.12	2.19	1.27	1.04	1.13	1.63	1.63	1.67	2.36	1.58	1.54
INDIRECT(y)	2.6	2.6	2.4	2.2	2.4	2.2	2	3	3	2.8	2.4	2.8	2.2	2.4
OVERALL TARGET (0.8*x+0.2*y)	2.74	2.5	2.41	2.13	2.23	1.45	1.23	1.5	1.9	1.86	1.81	2.44	1.7	1.71

Table B.3.3.2o: Target values for attaining POs (2020-21)

Attainment of PO's and PSO's (2020-21)

POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
DIRECT (x)	2.57	2.3	2.25	1.94	2.04	1.19	0.95	1.05	1.52	1.56	1.57	2.2	1.52	1.45

INDIRECT(y)	2.6	2.6	2.4	2.2	2.4	2.2	2	3	3	2.8	2.4	2.8	2.2	2.4
OVERALL ATTAINMENT (0.8*x+0.2*y)	2.57	2.36	2.28	1.99	2.11	1.39	1.16	1.44	1.81	1.8	1.73	2.32	1.65	1.64

Table B.3.3.2p: Attained values of POs (2020-21)

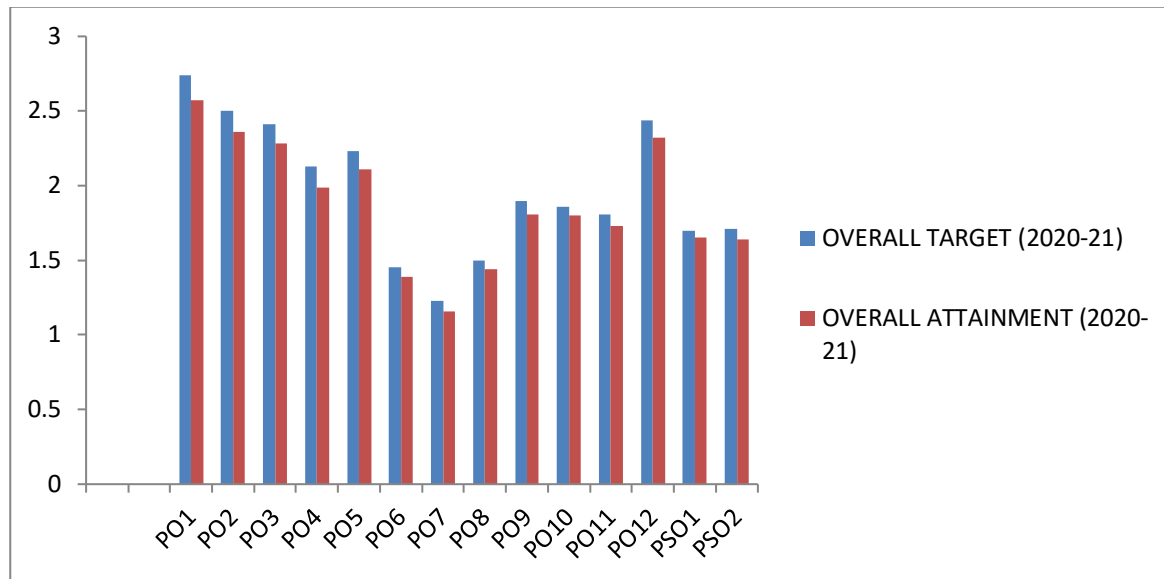


Figure B.3.3.2a: PO Attainment (2020-21)

Target of PO's and PSO's (2019-20)

POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
DIRECT (x)	2.92	2.58	2.42	2.02	1.53	1.3	1	1	1.25	1.5	1.35	2.61	1.55	1.56
INDIRECT(y)	2.6	2.6	2.4	2.2	2.4	2.2	2	3	3	2.8	2.4	2.8	2.2	2.4
OVERALL TARGET (0.8*x+0.2*y)	2.85	2.58	2.41	2.05	1.7	1.48	1.2	1.4	1.6	1.76	1.56	2.64	1.68	1.72

Table B.3.3.2q: Target values for attaining POs (2019-20)

Attainment of PO's and PSO's (2019-20)

POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
DIRECT (x)	1.94	1.8	1.69	1.51	1.12	0.93	0.81	0.81	0.75	1.13	0.87	1.85	1.07	1.08
INDIRECT(y)	2.6	2.6	2.4	2.2	2.4	2.2	2	3	3	2.8	2.4	2.8	2.2	2.4
OVERALL ATTAINMENT (0.8*x+0.2*y)	2.07	1.96	1.83	1.64	1.37	1.18	1.04	1.24	1.2	1.46	1.17	2.04	1.29	1.34

Table B.3.3.2r: PO Attainment (2019-20)

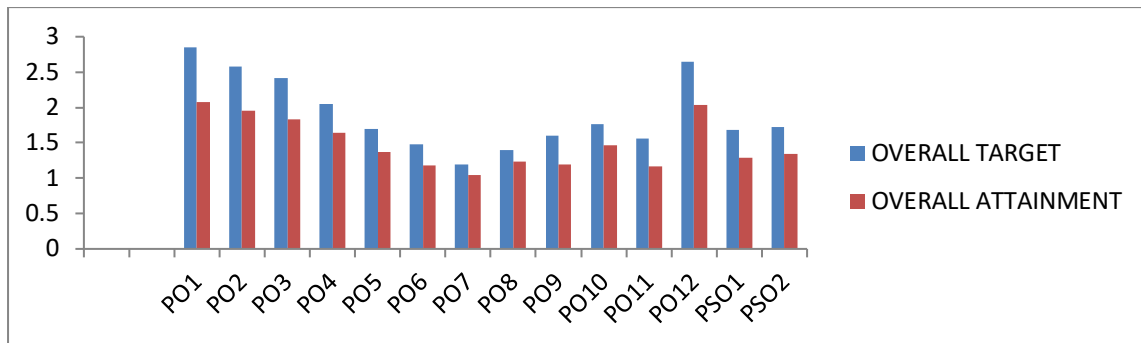


Figure B.3.3.2b: PO Attainment (2019-20)

Target of PO's and PSO's (2018-19)

POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
DIRECT (x)	2.8	2.2	2.02	1.47	1.17	0.74	0.47	0.49	1.16	1.26	1.06	1.59	1.14	1.22
INDIRECT(y)	2.6	2.6	2.4	2.2	2.4	2.2	2	3	3	2.8	2.4	2.8	2.2	2.4
OVERALL TARGET (0.8*x+0.2*y)	2.76	2.28	2.09	1.61	1.41	1.03	0.77	0.99	1.52	1.56	1.32	1.83	1.35	1.45

Table B.3.3.2s: Target values for attaining POs (2018-19)

Attainment of PO's and PSO's (2018-19)

POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
DIRECT (x)	1.69	1.34	1.23	0.88	0.73	0.48	0.32	0.34	0.72	0.8	0.69	1.01	0.72	0.77
INDIRECT(y)	2.6	2.6	2.4	2.2	2.4	2.2	2	3	3	2.8	2.4	2.8	2.2	2.4
OVERALL ATTAINMENT (0.8*x+0.2*y)	1.87	1.59	1.46	1.14	1.06	0.82	0.65	0.87	1.17	1.2	1.03	1.36	1.01	1.09

Table B.3.3.2t: PO Attainment (2018-19)

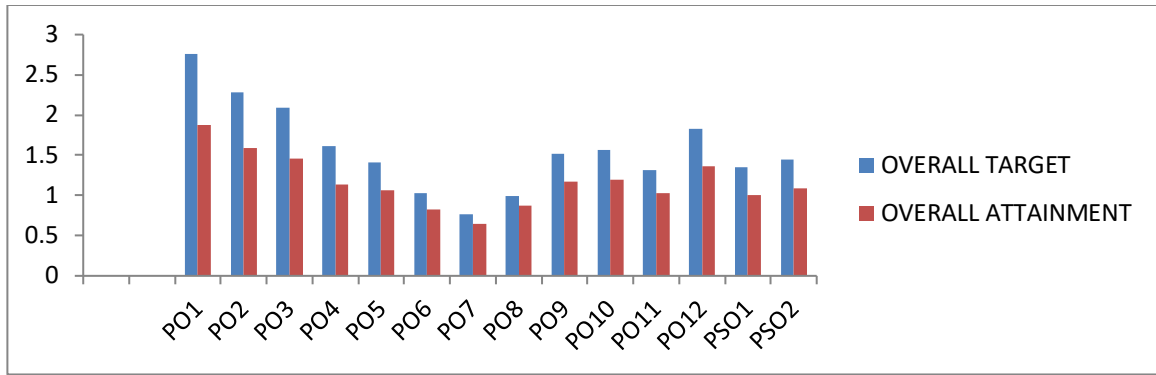


Figure B.3.3.2c: PO Attainment (2018-19)

CRITERION 4	Students' Performance	150
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Item (Information to be provided cumulatively for all the shifts with explicit headings, wherever applicable)	CAY 2021-22	CAYm1 2020-21	CAYm2 2019-20
Sanctioned intake of the program (N)	240	240	240
Total number of students admitted in first year <i>minus</i> number of students migrated to other programs/institutions plus no. of students migrated to this program (N1)	249	282	275
Number of students admitted in 2nd year in the same batch via lateral entry (N2)	NA	12	20
Separate division students, if applicable (N3)	NIL	NIL	NIL
Total number of students admitted in the Program(N1 + N2 + N3)	249	294	295

4. STUDENTS' PERFORMANCE (150)

Table B.4a

CAY – Current Academic Year

CAYm1- Current Academic Year minus1= Current Assessment Year

CAYm2 - Current Academic Year minus2=Current Assessment Year minus 1

LYG – Last Year Graduate

LYGm1 – Last Year Graduate minus 1

LYGm2 – Last Year Graduate minus 2

Year of entry	N1 + N2 + N3 (As defined above)	Number of students who have successfully graduated without backlogs in any semester/year of study (Without Backlog means no compartment or failures in any semester/year of study)			
		I Year	II Year	III Year	IV Year
CAY(2021-22)	249	196			
CAYm1(2020-21)	294(282+12)	276	273		
CAYm2(2019-20)	295(275+20)	198	222	189	
CAYm3(2018-19)	253(248+5)	141	122	122	121
CAYm4 (LYG)(2017-18)	251(241+10)	203	161	156	156
CAYm5 (LYGm1)(2016-17)	247(243+4)	188	129	129	128
CAYm6 (LYGm2)(2015-16)	269(257+12)	189	116	116	116

Table B.4b

Year of entry	N1 + N2 + N3 (As defined above)	Number of students who have successfully graduated (Students with backlog in stipulated period of study)			
		I Year	II Year	III Year	IV Year
CAY(2021-22)	249	53			
CAY _{m1} (2020-21)	294(282+12)	0	21		
CAY _{m2} (2019-20)	295(275+20)	73	73	106	
CAY _{m3} (2018-19)	253(248+5)	100	128	128	129
CAY _{m4} (LYG)(2017-18)	251(241+10)	31	90	95	95
CAY _{m5} (LYG _{m1})(2016-17)	247(243+4)	51	117	118	119
CAY _{m6} (LYG _{m2})(2015-16)	269(257+12)	64	153	153	153

Table B.4c

4.1. Enrolment Ratio (20) Enrolment Ratio= $N1/N = (1+0.96+0.93)/3=0.96$

Marks=20

Item	Marks
(Students enrolled at the First Year Level on average basis during the previous three academic years starting from current academic year)	
>=90% students enrolled	20
>=80% students enrolled	18

>=70% students enrolled	16
>=60% students enrolled	14
>=50% students enrolled	12
Otherwise	0

Table B.4.1

4.2. Success Rate in the stipulated period of the program (40)

4.2.1. Success rate without backlogs in any semester/year of study (25)

SI = (Number of students who have graduated from the program without backlog) / (Number of students admitted in the first year of that batch and actually admitted in 2nd year via lateral entry and separate division, if applicable)

Average SI = Mean of Success Index (SI) for past three batches

Success rate without backlogs in any year of study = 25 × Average SI

$$SI = 156/251 + 128/247 + 116/269 = 1.57$$

$$\text{Average SI} = 1.57/3 = 0.52$$

$$\text{Success rate without backlogs in any year of study} = 25 \times \text{Average SI} = 25 \times 0.52 = 13$$

Item	Last Year of Graduate, LYG (CAYm4) (2017-18)	Last Year of Graduate minus 1, LYGm1 (CAYm5) (2016-17)	Last Year of Graduate minus 2, LYGm2 (CAYm6)(2015-16)
Number of students admitted in the corresponding First Year + admitted in 2nd year via lateral entry and separate	251	247	269

division, if applicable			
Number of students who have graduated without backlogs in the stipulated period	156	128	116
Success Index (SI)	0.62	0.52	0.43
Average SI	0.52		

Table B.4.2.1

4.2.2. Success rate with backlog in stipulated period of study (15)

SI= (Number of students who graduated from the program in the stipulated period of course duration)/ (Number of students admitted in the first year of that batch and actual admitted in 2nd year via lateral entry and separate division, if applicable)

$$SI = 95/251 + 119/247 + 153/269$$

$$= 0.38 + 0.48 + 0.57$$

$$= 1.43$$

$$\text{Average SI} = \text{mean of Success Index (SI) for past three batches} = 1.43/3 = 0.48$$

$$\text{Success rate} = 15 \times \text{Average SI} = 15 * 0.48 = 7.2$$

Item	Last Year of Graduate, LYG (CAYm4) (2017-18)	Last Year of Graduate minus 1, LYGm1 (CAYm5) (2016-	Last Year of Graduate minus 2, LYGm2 (CAYm6)(2015-16)
------	--	---	---

		17)	
Number of students admitted in the corresponding First Year + admitted in 2nd year via lateral entry and separate division, if applicable	251	247	269
Number of students who have graduated with backlog in the stipulated period	95	119	153
Success Index (SI)	0.38	0.48	0.57
Average Success Index	0.48		

Table B.4.2.2

Note: If 100% students clear without any backlog then also total marks scored will be 40 as both 4.2.1 & 4.2.2 will be applicable simultaneously.

4.3. Academic Performance in Third Year (15)

*Academic Performance = 1.5 * Average API (Academic Performance Index)*

API = ((Mean of 3rd Year Grade Point Average of all successful Students on a 10 point scale) or (Mean of the percentage of marks of all successful students in Third Year/10)) x (number of successful students/number of students appeared in the examination)

Successful students are those who are permitted to proceed to the final year

Academic Performance	CAYm1(20 20-21)	CAYm2(201 9-20)	CAYm2(201 8-19)
Mean Percentage of all successful students(X)	-	-	100
Total number of successful students (Y)	-	-	253
Total number of students appeared in the examination	-	-	253

(Z)			
API = X* (Y/Z)	-	-	100
Average API = (API1+API2+API3)/3	33.33		
Academic Performance= 1.5*Average API	49.99		

Table B.4.3: Academic Performance in Third Year

4.4. Academic Performance in Second Year (15)

*Academic Performance Level = 1.5 * Average API (Academic Performance Index)*

API = ((Mean of 2nd Year Grade Point Average of all successful Students on a 10 point scale) or (Mean of the percentage of marks of all successful students in Second Year/10)) x (number of successful students/number of students appeared in the examination)

Successful students are those who are permitted to proceed to the Third year

Academic Performance	CAYm1(2020-21)	CAYm2(2019-20)	CAYm2(2018-19)
Mean Percentage of all successful	-	100	100
Total number of successful students (Y)	-	295	253
Total number of students appeared in the examination (Z)	-	295	253
API = X* (Y/Z)	-	100	100
Average API = (API1+API2+API3)/3	66.67		
Academic Performance= 1.5*Average API	100.005		

Table B.4.4: Academic Performance in Second Year

4.5 Placement, Higher Studies and Entrepreneurship (40)

Assessment Points = 40 × average placement

Item	CAYm1 (2020-21)	CAYm2 (2019-20)	CAYm3 (2018-19)
Total No.of Final Year Students (N)	293	295	252

No.of Students Placed in Companies or Government Sector (X)	195	231	210
No.of Students Admitted to higher Studies with Valid qualifying Scores (GATE or equivalent	18	21	20
No. of Students turned entrepreneur in Engineering/ Technology (Z)	15	10	12
X+Y+Z=	228	262	242
Placement Index: (X+Y+Z)/N	00.778	0.888	0.960
Average Placement= (P1+P2+P3)/3	0.875		

Table B.4.5: Placement, Higher Studies and Entrepreneurship

Assessment Points= $40 * 0.875 = 35$

4.6 Professional Activities (20)

4.6.1 Professional Societies/Chapters and Organizing Engineering Events (5)

(The Department Shall provide relevant information)

Table B.4.6.1a shows the Professional Societies of the Department of Computer Science & Engineering. Table B.4.6.1b, Table B.4.6.1c and Table B.4.6.1d shows the Engineering Events organised by the Department of Computer Science & Engineering along with the support of Professional Societies of the Department of Computer Science and Engineering.

The students & Faculty of the Computer Science & Engineering Department and other department are the active Participants.

Sr. No	Particulars	Outcome/Objective	Year of Commencement.
1	GeeksforGeeks Student Chapter JECRC (GFG)	Students can improve their knowledge in peer to peer learning environment and build effective and optimized solutions for local businesses and their community.	2020-21
2	Google Cloud Computing Foundation Program (GCCF)	This program will help to enhance the employability of the students as well as it will bridge the industry-institute gap.	2020-21
3	Robotic Process Automation (RPA)	This program is as per the industry demand and will help the students to enhance their employability.	2019-20

4	RPA Advanced Level Professional Certification	The advanced level certification course will help the students to enhance their knowledge gained during essential level training.	2019-20
5	Code Warriors	This provides a coding challenge for students and students get results with their ranks as per the coding platform.	2019-20
6	Computer Society of India (CSI)	This society helps the students to advance the knowledge of theory and practice of Computer Science & Engineering concepts.	2019-20

Sr. No	Name of the workshop/ seminar/Conferences	Session
1	Workshop On Web Chat Bot (Voice Control Personal Assistant)	2021-22
2	Workshop on Machine learning with Python	2021-22
3	Workshop on Web development using Python Django	2021-22
4	SDP Programming with C	2021-22
5	NCICT-22	2021-22
6	Workshop on Website Hacking & Bug Bounty	2020-21
7	Webinar on Cyber Security	2020-21
8	Adoption of IoT solutions to increase data collection for Data Analytics	2020-21
9	Webinar on Our Privacy and Priority	2020-21
10	Workshop on Essentials in Job Applications	2020-21
11	Workshop on Web development with “Angular” Phase-I	2020-21
12	Workshop on Cyber Security	2020-21
13	Workshop on Salesforce	2020-21
14	Workshop on Social Engineering	2020-21
15	Workshop on Automation Testing Phase-I	2020-21
16	Hands-on MongoDB Phase-I	2020-21
17	Workshop on Automation Testing Phase-II	2020-21
18	Workshop on Apache Spark & How to Overcome Hadoop limitations Phase-I	2020-21
19	Hands-on MongoDB Phase-II	2020-21
20	Workshop on Web development with “Angular” Phase-II	2020-21
21	Workshop on Apache Spark & How to Overcome Hadoop limitations Phase-II	2020-21
22	Workshop On Data Science	2019-20
23	Workshop on Ethical Hacking	2019-20
24	Workshop On Salesforce.Com	2019-20
25	Workshop On Machine Learning with Data Science	2019-20
26	Workshop On Digital Marketing	2019-20
27	Workshop on Cyber Security	2019-20
28	Workshop on Internet of Things	2019-20

4.6.2 Publication of Technical Magazines, newsletters, etc (5)

(The Department shall list the publications mentioned earlier along with the names of the editors, publishers, etc.)

Year /Month	Name of Editors	Advisors	Name of Technical Magazine /Newsletter	Name of Publisher
2021-22	Geerijalavania	Dr Sanjay Gaur	CSE SCOOP (Yearly Publication)	Department of Computer Science & Engineering
2018-19	Geerijalavania	Dr Sanjay Gaur	CSE SCOOP (Yearly Publication)	Department of Computer Science & Engineering
2019-20	Geerijalavania	Dr Sanjay gaur	CSE SCOOP (Yearly Publication)	Department of Computer Science & Engineering
2020-21	Geerijalavania	Dr Sanjay Gaur/ DrVijetaKumawat	CSE SCOOP (Yearly Publication)	Department of Computer Science & Engineering
JULY-SEPT 2020-21	Geerijalavania	Dr Sanjay gaur	CSE BYTE (quarterly)	Department of Computer Science & Engineering
OCT-DEC 2020-21	Geerijalavania	Dr Sanjay gaur	CSE BYTE (quarterly)	Department of Computer Science & Engineering
JAN-MARCH 2020-21	Geerijalavania	Dr Sanjay gaur	CSE BYTE (quarterly)	Department of Computer Science & Engineering
APRIL-JUNE 2020-21	Geerijalavania	Dr Sanjay gaur	CSE BYTE (quarterly)	Department of Computer Science & Engineering
JULY-AUG 2019-20	Geerijalavania	Dr Sanjay gaur	CSE BYTE (Two Month)	Department of Computer Science & Engineering
SEPT-OCT 2019-20	Geerijalavania	Dr Sanjay gaur	CSE BYTE (Two Month)	Department of Computer Science & Engineering
NOV-DEC 2019-20	Geerijalavania	Dr Sanjay gaur	CSE BYTE (Two Month)	Department of Computer Science & Engineering
JAN-FEB 2019-20	Geerijalavania	Dr Sanjay gaur	CSE BYTE (Two Month)	Department of Computer Science & Engineering
MARCH-JUNE 2019-20	Geerijalavania	Dr Sanjay gaur	CSE BYTE (Four Month)	Department of Computer Science & Engineering

JULY 2018	Priyanka Mitra	Bhavana Sharma	CSE BYTE (Monthly)	Department of Computer Science & Engineering
AUG 2018	Priyanka Mitra	Bhavana Sharma	CSE BYTE (Monthly)	Department of Computer Science & Engineering
SEPT 2018	Priyanka Mitra	Bhavana Sharma	CSE BYTE (Monthly)	Department of Computer Science & Engineering
OCT 2018	Priyanka Mitra	Bhavana Sharma	CSE BYTE (Monthly)	Department of Computer Science & Engineering
JAN 2019	Priyanka Mitra	Bhavana Sharma	CSE BYTE (Monthly)	Department of Computer Science & Engineering
MARCH 2019	Priyanka Mitra	Bhavana Sharma	CSE BYTE (Monthly)	Department of Computer Science & Engineering

4.6.3. Participation in inter-institute events by students of the program of study (10)

(The Department shall provide a table indicating those publications, which received awards in the events/conferences organized by other institutes.)

Description	No of Students		
	CAYm1(2020-21)	CAYm2(2019-20)	CAYm3(2018-19)
Prize/ Awards Received	8	7	3

NBA

Criteria - 5

Faculty Details Academic Session: 2021-2022

S. No.	Name	Gender	Designation	Department	Date of Joining	Highest Degree
1	Dr. Sanjay Gaur	Male	Professor	CSE	Tuesday, August 01, 2017	Ph.D.
2	Dr. Vijeta Kumawat	Female	Associate Professor	CSE	Monday, April 02, 2018	Ph.D.
3	Mr. Anshul Mittal	Male	Assistant Professor	CSE	Saturday, July 09, 2011	B.Tech
4	Ms. Chitra Khandelwal	Female	Assistant Professor	CSE	Monday, October 26, 2015	M.Sc.
5	Mr. Mukht Bihari	Male	Assistant Professor	CSE	Wednesday, December 20, 2006	M.Tech.
6	Mr. Mukesh Agarwal	Male	Assistant Professor	CSE	Monday, July 01, 2002	M.Tech.
7	Mr. Abhishek Dixit	Male	Assistant Professor	CSE	Saturday, August 02, 2014	M.Tech.
8	Mr. Gajendra Kumar Sharma	Male	Assistant Professor	CSE	Wednesday, October 04, 2006	M.Tech.
9	Mrs. Anima Sharma	Female	Assistant Professor	CSE	Thursday, February 19, 2009	M.Tech.
10	Mrs. Richa Sharma	Female	Assistant Professor	CSE	Wednesday, August 27, 2008	M.Tech.
11	Ms. Girja Lavania	Female	Assistant Professor	CSE	Thursday, August 13, 2015	M.Tech.
12	Mr. Ashish Ameria	Male	Assistant Professor	CSE	Tuesday, July 19, 2016	M.Tech.
13	Ms. Priyanka Mitra	Female	Assistant Professor	CSE	Saturday, July 02, 2016	M.Tech.
14	Ms. B. Umamaheshwari	Female	Assistant Professor	CSE	Tuesday, July 25, 2017	M.Tech.
15	Mr. Kanishk Jain	Male	Assistant Professor	CSE	Wednesday, August 30, 2017	M.Tech.
16	Ms. Manju Vyas	Female	Assistant Professor	CSE	Monday, August 29, 2011	M.Tech.
17	Ms. Yogita Punjabi	Female	Assistant Professor	CSE	Monday, August 01, 2011	M.Tech.
18	Ms. Tanya Shruti	Female	Assistant Professor	CSE	Thursday, August 08, 2019	M.Tech.
19	Mr. Abhishek Jain	Male	Assistant Professor	CSE	Monday, August 19, 2019	M.Tech.
20	Ms. Suniti Chauhan	Female	Assistant Professor	CSE	Wednesday, September 04, 2019	M.Tech.
21	Ms. Sweety Singhal	Female	Assistant Professor	CSE	Thursday, September 05, 2019	M.Tech.
22	Ms. Garima Garg	Female	Assistant Professor	CSE	Monday, September 16, 2019	M.Tech.
23	Mr. Pradeep Kumar Sharma	Male	Assistant Professor	CSE	Tuesday, October 01, 2019	M.Tech.
24	Ms. Neha Bharti	Female	Assistant Professor	CSE	Tuesday, January 17, 2012	M.Tech.
25	Ms. Neha Solanki	Female	Assistant Professor	CSE	Friday, January 03, 2020	M.Tech.
26	Mr. Sachin Gupta	Male	Assistant Professor	CSE	Saturday, February 01, 2020	M.Tech.
27	Mr. Rajan Kumar Jha	Male	Assistant Professor	CSE	Friday, February 07, 2020	M.Tech.
28	Mr. Amit Mithal	Male	Assistant Professor	CSE	Thursday, December 02, 2004	M.Tech.
29	Ms. Abhilasha	Female	Assistant Professor	CSE	Tuesday, November 19, 2013	M.Tech.
30	Mr. Mukesh Chandel	Male	Assistant Professor	CSE	Monday, November 02, 2020	MCA
31	Mr. Buddhi Prakash Sharma	Male	Assistant Professor	CSE	Monday, November 02, 2020	MCA

32	Ms. Sheetal VijayVargiya	Male	Assistant Professor	CSE	Saturday, March 27, 2021	M.Tech.
33	Ms. Punita Panwar	Female	Assistant Professor	CSE	Wednesday, December 09, 2020	M.Tech.
34	Ms. Pratibha Sharma	Female	Assistant Professor	CSE	Thursday, December 10, 2020	M.Tech.
35	Ms. Priya Jyotiyana	Female	Assistant Professor	CSE	Tuesday, December 15, 2020	M.Tech.
36	Mr. Abhay Bhatt	Male	Assistant Professor	CSE	Monday, May 01, 2017	MCA
37	Mr. Pankaj Kumar Sharma	Male	Assistant Professor	CSE	Wednesday, August 04, 2021	MCA
38	Mr. Sunil Knadpal	Male	Assistant Professor	CSE	Wednesday, August 04, 2021	MCA
39	Ms. Divya Jain	Female	Assistant Professor	CSE	Monday, September 20, 2021	M.Tech.
40	Ms. Somya Agrawal	Female	Assistant Professor	CSE	Thursday, November 11, 2021	M.Tech.

Faculty Details Academic Session: 2020-2021

S. No.	Name	Gender	Designation	Department	Date of Joining	Highest Degree
1	Dr. Sanjay Gaur	Male	Professor	CSE	Tuesday, August 01, 2017	Ph.D.
2	Dr. Nilam Choudhary	Female	Associate Professor	CSE	Tuesday, August 01, 2017	Ph.D.
3	Dr. Vijeta Kumawat	Female	Associate Professor	CSE	Monday, April 02, 2018	Ph.D.
4	Mr. Anshul Mittal	Male	Assistant Professor	CSE	Saturday, July 09, 2011	B.Tech
5	Ms. Chitra Khandelwal	Female	Assistant Professor	CSE	Monday, October 26, 2015	M.Sc.
6	Mr. Mukt Bihari	Male	Assistant Professor	CSE	Wednesday, December 20, 2006	M.Tech.
7	Mr. Mukesh Agarwal	Male	Assistant Professor	CSE	Monday, July 01, 2002	M.Tech.
8	Mr. Abhishek Dixit	Male	Assistant Professor	CSE	Saturday, August 02, 2014	M.Tech.
9	Mr. Gajendra Kumar Sharma	Male	Assistant Professor	CSE	Wednesday, October 04, 2006	M.Tech.
10	Mrs. Anima Sharma	Female	Assistant Professor	CSE	Thursday, February 19, 2009	M.Tech.
11	Mrs. Richa Sharma	Female	Assistant Professor	CSE	Wednesday, August 27, 2008	M.Tech.
12	Ms. Girja Lavania	Female	Assistant Professor	CSE	Thursday, August 13, 2015	M.Tech.
13	Mr. Ashish Ameria	Male	Assistant Professor	CSE	Tuesday, July 19, 2016	M.Tech.
14	Ms. Priyanka Mitra	Female	Assistant Professor	CSE	Saturday, July 02, 2016	M.Tech.
15	Ms. B. Umamaheshwari	Female	Assistant Professor	CSE	Tuesday, July 25, 2017	M.Tech.
16	Mr. Kanishk Jain	Male	Assistant Professor	CSE	Wednesday, August 30, 2017	M.Tech.
17	Mr. Jay Shankar Sharma	Male	Assistant Professor	CSE	Thursday, September 21, 2017	M.Tech.
18	Ms. Manju Vyas	Female	Assistant Professor	CSE	Monday, August 29, 2011	M.Tech.
19	Ms. Yogita Punjabi	Female	Assistant Professor	CSE	Monday, August 01, 2011	M.Tech.

20	Mr. Satyajeet Sharma	Male	Assistant Professor	CSE	Saturday, December 08, 2018	M.Tech.
21	Ms. Neha Mishra	Female	Assistant Professor	CSE	Saturday, December 08, 2018	M.Tech.
22	Ms. Nidhi Gour	Female	Assistant Professor	CSE	Saturday, December 08, 2018	M.Tech.
23	Ms. Priyanka Nair	Female	Assistant Professor	CSE	Thursday, January 03, 2019	M.Tech.
24	Ms. Nootan Verma	Female	Assistant Professor	CSE	Thursday, January 03, 2019	M.Tech.
25	Ms. Priyanka Jaroli	Female	Assistant Professor	CSE	Wednesday, April 10, 2019	M.Tech.
26	Mr. Peeyush Kulshrestha	Male	Assistant Professor	CSE	Saturday, April 27, 2019	M.Tech.
27	Ms. Tanya Shruti	Female	Assistant Professor	CSE	Thursday, August 08, 2019	M.Tech.
28	Mr. Abhishek Jain	Male	Assistant Professor	CSE	Monday, August 19, 2019	M.Tech.
29	Ms. Avani Sharma	Female	Assistant Professor	CSE	Tuesday, August 20, 2019	M.Tech.
30	Ms. Suniti Chauhan	Female	Assistant Professor	CSE	Wednesday, September 04, 2019	M.Tech.
31	Ms. Sweety Jain	Female	Assistant Professor	CSE	Thursday, September 05, 2019	M.Tech.
32	Ms. Garima Garg	Female	Assistant Professor	CSE	Monday, September 16, 2019	M.Tech.
33	Mr. Pradeep Kumar Sharma	Male	Assistant Professor	CSE	Tuesday, October 01, 2019	M.Tech.
34	Ms. Neha Solanki	Female	Assistant Professor	CSE	Friday, January 03, 2020	M.Tech.
35	Mr. Sachin Gupta	Male	Assistant Professor	CSE	Saturday, February 01, 2020	M.Tech.
36	Mr. Rajan Kumar Jha	Male	Assistant Professor	CSE	Friday, February 07, 2020	M.Tech.
37	Mr. Amit Mithal	Male	Assistant Professor	CSE	Thursday, December 02, 2004	M.Tech.
38	Ms. Abhilasha	Female	Assistant Professor	CSE	Tuesday, November 19, 2013	M.Tech.
39	Mr. Anoop Kumar Mehta	Male	Assistant Professor	CSE	Monday, August 01, 2016	M.Tech.
40	Ms. Garima Ojha	Female	Assistant Professor	CSE	Monday, July 19, 2010	M.Tech.
41	Mr. Mahesh Kumar Joshi	Male	Assistant Professor	CSE	Wednesday, August 19, 2020	M.Tech.
42	Mr. Vikas Verma	Male	Assistant Professor	CSE	Wednesday, August 19, 2020	M.Tech.
43	Mr. Saurabh Sharma	Male	Assistant Professor	CSE	Wednesday, August 19, 2020	M.Tech.
44	Ms. Punita Panwar	Female	Assistant Professor	CSE	Wednesday, December 09, 2020	M.Tech.
45	Ms. Pratibha Sharma	Female	Assistant Professor	CSE	Thursday, December 10, 2020	M.Tech.
46	Ms. Archana Gupta	Female	Assistant Professor	CSE	Monday, December 14, 2020	M.Tech.
47	Ms. Priya Jyotiyana	Female	Assistant Professor	CSE	Tuesday, December 15, 2020	M.Tech.
48	Ms. Priya Gupta	Female	Assistant Professor	CSE	Wednesday, August 05, 2015	M.Tech.
49	Mr. Dilip Kumar Sharma	Male	Assistant Professor	CSE	Tuesday, August 30, 2016	MCA
50	Mr. Abhay Bhatt	Male	Assistant Professor	CSE	Monday, May 01, 2017	MCA

Faculty Details Academic Session: 2019-2020

S. No.	Name	Gender	Designation	Department	Date of Joining	Highest Degree
1	Dr. Sanjay Gaur	Male	Professor	CSE	Tuesday, August 01, 2017	Ph.D.
2	Dr. Suman Bhatnagar	Female	Associate Professor (Visiting)	CSE	Thursday, January 03, 2019	Ph.D.
3	Dr. Manish Kumar Jain	Male	Associate Professor (Visiting)	CSE	Monday, February 25, 2019	Ph.D.
4	Dr. Nilam Choudhary	Female	Associate Professor	CSE	Tuesday, August 01, 2017	Ph.D.
5	Dr. Vijeta Kumawat	Female	Associate Professor	CSE	Monday, April 02, 2018	Ph.D.
6	Mr. Mukesh Agrawal	Male	Associate Professor	CSE	Monday, January 07, 2002	M.Tech.
7	Mr. Pankaj Jain	Male	Assistant Professor (Visiting)	CSE	Saturday, April 27, 2019	M.Tech.
8	Ms. Neha Solanki	Female	Assistant Professor	CSE	Friday, January 03, 2020	M.Tech.
9	Mr. Sachin Gupta	Male	Assistant Professor	CSE	Sunday, February 05, 2012	M.Tech.
10	Mr. Rajan Kumar Jha	Male	Assistant Professor	CSE	Thursday, December 17, 2009	M.Tech.
11	Mr. Peeyush Kulshreshta	Male	Assistant Professor (Visiting)	CSE	27-04-20019	M.Tech.
12	Mr. Geet Kalani	Male	Assistant Professor	CSE	Monday, January 02, 2017	M.Tech.
13	Ms. Priyanka Mitra	Female	Assistant Professor	CSE	Monday, January 02, 2017	M.Tech.
14	Mr. Satyajeet Sharma	Male	Assistant Professor (Visiting)	CSE	Monday, December 08, 2008	M.Tech.
15	Ms. Nidhi Gour	Female	Assistant Professor (Visiting)	CSE	Monday, December 08, 2008	M.Tech.
16	Ms. Garima Garg	Female	Assistant Professor	CSE	Monday, September 16, 2019	M.Tech.
17	Yogita Panjabi	Female	Assistant Professor	CSE	Monday, August 01, 2011	M.Tech.
18	Ms. Abhilasha	Female	Assistant Professor	CSE	Tuesday, November 19, 2013	M.Tech.
19	Mr. Abhishek Jain	Male	Assistant Professor	CSE	Saturday, August 10, 2019	M.Tech.
20	Mrs. Anima Sharma	Female	Assistant Professor	CSE	Thursday, February 19, 2009	M.Tech.
21	Mr. Gajendra Kumar Sharma	Male	Assistant Professor	CSE	Wednesday, October 01, 2003	M.Tech.
22	Ms. Richa Sharma	Female	Assistant Professor	CSE	Wednesday, August 27, 2008	M.Tech.
23	Ms. Manju Vyas	Female	Assistant Professor	CSE	Monday, August 29, 2011	M.Tech.
24	Mr. Kanishk Jain	Male	Assistant Professor	CSE	Friday, September 01, 2017	M.Tech.
25	Ms. Nootan Verma	Female	Assistant Professor (Visiting)	CSE	Thursday, January 03, 2019	M.Tech.
26	Mr. Anoop Kumar Mehta	Male	Assistant Professor	CSE	Monday, January 02, 2017	M.Tech.
27	Ms. Neha Mishra	Female	Assistant Professor (Visiting)	CSE	Saturday, December 08, 2018	M.Tech.

28	Mr. Pradeep Kumar Sharma	Male	Assistant Professor	CSE	Tuesday, October 01, 2019	M.Tech.
29	Mr. Ashok Kumar Saini	Male	Assistant Professor (Visiting)	CSE	Wednesday, March 13, 2019	M.Tech.
30	Mr. Abhishek Dixit	Male	Assistant Professor	CSE	Saturday, August 02, 2014	M.Tech.
31	Ms. Seema Yadav	Female	Assistant Professor	CSE	Tuesday, July 07, 2015	M.Tech.
32	Ms. Tanya Shruti	Female	Assistant Professor	CSE	Thursday, August 08, 2019	M.Tech.
33	Ms. Priyanka Jaroli	Female	Assistant Professor (Visiting)	CSE	Wednesday, April 10, 2019	M.Tech.
34	Ms. Priyanka Nair	Female	Assistant Professor (Visiting)	CSE	Thursday, January 03, 2019	M.Tech.
35	Mr. Amit Mithal	Male	Assistant Professor	CSE	Thursday, February 12, 2004	M.Tech.
36	Mr. Ashish Kumar	Male	Assistant Professor	CSE	Wednesday, December 18, 2019	M.Tech.
37	Ms. Avani Sharma	Female	Assistant Professor	CSE	Tuesday, August 20, 2019	M.Tech.
38	Mr. Sarwan Nath	Male	Assistant Professor (Visiting)	CSE	Wednesday, April 10, 2019	M.Tech.
39	Mr. Arihant Kumar Jain	Male	Assistant Professor	CSE	Thursday, January 30, 2014	M.Tech.
40	Ms. Girija Lavania	Female	Assistant Professor	CSE	Thursday, August 13, 2015	M.Tech.
41	Mr. Ashish America	Male	Assistant Professor	CSE	Tuesday, July 19, 2016	M.Tech.
42	Ms. Garima Ojha	Female	Assistant Professor	CSE	Saturday, April 01, 2017	M.Tech.
43	Ms. B. Umamaheshwari	Female	Assistant Professor	CSE	Tuesday, July 25, 2017	M.Tech.
44	Ms. Suniti Chouhan	Female	Assistant Professor	CSE	Wednesday, September 04, 2019	M.Tech.
45	Ms. Sweety Jain	Female	Assistant Professor	CSE	Friday, November 01, 2019	M.Tech.
46	Mr. Anshul Mittal	Male	Assistant Professor	CSE	Saturday, July 09, 2011	M.Tech.

Faculty Details Academic Session: 2018-2019

S. No.	Name	Gender	Designation	Department	Date of Joining	Highest Degree
1	Dr. Surendra Kumar Yadav	Male	Professor (Visiting)	CSE	Friday, August 11, 2017	Ph.D.
2	Dr. Vijay Singh Rathore	Male	Professor	CSE	Wednesday, August 17, 2016	Ph.D.
3	Dr. Bhawana Sharma	Female	Associate Professor	CSE	Monday, August 01, 2016	Ph.D.
4	Dr. Nilam Choudhary	Female	Associate Professor	CSE	Tuesday, August 01, 2017	Ph.D.
5	Dr. Sanjay Gaur	Male	Associate Professor	CSE	Tuesday, August 01, 2017	Ph.D.
6	Dr. Kusum Rajawat	Female	Associate Professor	CSE	Tuesday, August 21, 2018	Ph.D.
7	Dr. Vijeta Kumawat	Female	Associate Professor	CSE	Monday, April 02, 2018	Ph.D.
8	Dr. Neelam Chaplot	Female	Associate Professor	CSE	Thursday, July 12, 2007	Ph.D.
9	Ms. Richa Sharma	Female	Associate Professor	CSE	Wednesday, August 27, 2008	M.Tech.

10	Mr. Mukesh Agrawal	Male	Associate Professor	CSE	Monday, January 07, 2002	M.Tech.
11	Mr. Shashi Kant Singh	Male	Assistant Professor	CSE	Wednesday, July 01, 2015	M.Tech.
12	Mr. Vatan Mishra	Male	Assistant Professor	CSE	Monday, July 11, 2011	M.Tech.
13	Mrs. Anima Sharma	Female	Assistant Professor	CSE	Tuesday, February 19, 2019	M.Tech.
14	Ms.C.Jeba Nega Cheltha	Female	Assistant Professor	CSE	Friday, October 11, 2013	M.Tech.
15	Mr. Arihant Kumar Jain	Male	Assistant Professor	CSE	Thursday, January 30, 2014	M.Tech.
16	Mr. Abhishek Dixit	Male	Assistant Professor	CSE	Saturday, August 02, 2014	M.Tech.
17	Ms. Geetika Gautam	Female	Assistant Professor	CSE	Saturday, August 02, 2014	M.Tech.
18	Ms. Hemlata Soni	Female	Assistant Professor	CSE	Friday, January 02, 2015	M.Tech.
19	Ms. Seema Yadav	Female	Assistant Professor	CSE	Tuesday, July 07, 2015	M.Tech.
20	Ms. Ankita Agarwal	Female	Assistant Professor	CSE	Saturday, July 11, 2015	M.Tech.
21	Mr. Ankur Raj	Male	Assistant Professor	CSE	Tuesday, July 14, 2015	M.Tech.
22	Ms. Geerija Lavania	Female	Assistant Professor	CSE	Thursday, August 13, 2015	M.Tech.
23	Ms. Priyanka Mitra	Female	Assistant Professor	CSE	Monday, January 02, 2017	M.Tech.
24	Mrs. Saroj Agrawal	Female	Assistant Professor	CSE	Thursday, September 01, 2016	M.Tech.
25	Mr. Ashish Ameria	Male	Assistant Professor	CSE	Tuesday, July 19, 2016	M.Tech.
26	Ms. B. Umamaheshwari	Female	Assistant Professor	CSE	Tuesday, July 25, 2017	M.Tech.
27	Mr. Kanishk Jain	Male	Assistant Professor	CSE	Friday, September 01, 2017	M.Tech.
28	Ms. Ashima Tiwari	Female	Assistant Professor	CSE	Saturday, April 01, 2017	M.Tech.
29	Ms. Shivangi Khandelwal	Female	Assistant Professor	CSE	Thursday, August 16, 2018	M.Tech.
30	Ms. Tarunpreet Chawla	Female	Assistant Professor	CSE	Wednesday, September 19, 2018	M.Tech.
31	Mr. Rajan Kumar Jha	Male	Assistant Professor	CSE	Thursday, December 17, 2009	M.Tech.
32	Mr. Gajendra Kumar Sharma	Male	Assistant Professor	CSE	Wednesday, October 01, 2003	M.Tech.
33	Ms. Abhilasha Kumari	Female	Assistant Professor	CSE	Tuesday, November 19, 2013	M.Tech.
34	Mr. Anoop Kumar Mehta	Male	Assistant Professor	CSE	Monday, January 02, 2017	M.Tech.
35	Mr. Geet Kalani	Male	Assistant Professor	CSE	Monday, January 02, 2017	M.Tech.
36	Ms. Garima Ojha	Female	Assistant Professor	CSE	Saturday, April 01, 2017	M.Tech.
37	Mr. Amit Mithal	Male	Assistant Professor	CSE	Thursday, February 12, 2004	M.Tech.
38	Mr. Satyajeet Sharma	Male	Assistant Professor	CSE	Saturday, December 08, 2018	M.Tech.
39	Ms. Neha Mishra	Female	Assistant Professor	CSE	Saturday, December 08, 2018	M.Tech.
40	Ms. Nidhi Gour	Female	Assistant Professor	CSE	Saturday, December 08, 2018	M.Tech.
41	Ms. Shikha Maheshwari	Female	Assistant Professor	CSE	Saturday, January 02, 2010	M.Tech.

42	Ms. Manju Vyas	Female	Assistant Professor	CSE	Monday, August 29, 2011	M.Tech.
43	Mr. Shailesh Arawatia	Male	Assistant Professor	CSE	Wednesday, April 25, 2012	M.Tech.
44	Mr. Sachin Gupta	Male	Assistant Professor	CSE	Sunday, February 05, 2012	M.Tech.
45	Mr. Anshul Mittal	Male	Assistant Professor	CSE	Saturday, July 09, 2011	M.Tech.
46	Mr. Prahlad Kumar Sharma	Male	Assistant Professor	CSE	Tuesday, January 17, 2012	M.Tech.

5.1. Student-Faculty Ratio (SFR) (20)

(To be calculated at Department Level)

No. of UG Programs in the Department (n): 1

No. of PG Programs in the Department (m): NA

No. of Students in UG 2nd Year= **u1**

No. of Students in UG 3rd Year= **u2**

No. of Students in UG 4th Year= **u3**

No. of Students in PG 1st Year= **p1=NA**

No. of Students in PG 2nd Year= **p2=NA**

No. of Students = Sanctioned Intake + Actual admitted lateral entry students

(The above data to be provided considering all the UG and PG programs of the department)

S=Number of Students in the Department F = Total Number of Faculty Members in the Department (excluding first year faculty)

Student Faculty Ratio (SFR) = S/F

Year	CAY(2021-22)	CAYP1(2020-21)	CAY(2019-20)	CAYm1(2018-19)
U1.1	294	295	253	251
U1.2	295	253	251	247
U1.3	253	251	247	268
UG1	842	799	751	766
Total No. of Students in the Department (S)	842	799	751	766
No. of Faculty in the Department (F)	40	50	46	46

Student Faculty Ration (SFR)	SFR=21.05	SFR1=15.98	SFR2=16.32	SFR2=16.65
Average SFR	SFR=(15.98+16.32+16.65)/3=16.31			

5.1.1. Provide the information about the regular and contractual faculty as per the format mentioned below:

	Total number of regular faculty in the department	Total number of contractual faculty in the department
CAY (2021-22)	40	0
CAY P1(2020-21)	50	0
CAY(2019-20)	34	12
CAYm1(2018-19)	45	1

Table B.5.1.1: Regular and Contractual Faculty

5.2. Faculty Cadre Proportion (25)

The reference Faculty cadre proportion is 1(F1):2(F2):6(F3)

F1: Number of Professors required = $1/9 \times$ Number of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (N) as per 5.1

F2: Number of Associate Professors required = $2/9 \times$ Number of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (N) as per 5.1

F3: Number of Assistant Professors required = $6/9 \times$ Number of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (N) as per 5.1

Faculty Cadre Proportion

Year	Professors		Associate Professors		Assistant Professors	
	Required F1	Available	Required F2	Available	Required F3	Available
CAY(2021-22)	5	1	9	1	28	38
CAYP1(2020-21)	4	1	9	2	27	47
CAY(2019-20)	4	1	8	5	25	40
CAYm1(2018-19)	4	2	8	8	25	36
Average			RF2=8.3			
Numbers	RF1=4	AF1=1.33	3	AF2=5	RF3=25.66	AF3=41

Table B.5.2: Faculty Cadre Proportion

$$\text{Cadre Ratio Marks} = \left[\left(\frac{\text{AF1}}{\text{RF1}} \right) + \left(\frac{\text{AF2} \times 0.6}{\text{RF2}} \right) + \left(\frac{\text{AF3} \times 0.4}{\text{RF3}} \right) \right] \times 12.5$$

$$\text{Cadre Ratio Marks} = (0.33 + 0.36 + 0.63) \times 12.5 = 16.50$$

- If $AF1 = AF2 = 0$ then zero marks
- Maximum marks to be limited if it exceeds 25

Example: Intake = 60 (i.e. total no. of students = 180); Required number of Faculty: 9; RF1 = 1, RF2 = 2 and RF3 = 6

Case 1: $AF1/RF1 = 1$; $AF2/RF2 = 1$; $AF3/RF3 = 1$; Cadre proportion marks = $(1 + 0.6 + 0.4) \times 12.5 = 25$

Case 2: $AF1/RF1= 1$; $AF2/RF2 = 3/2$; $AF3/RF3 = 5/6$; Cadre proportion marks = $(1+0.9+0.3) \times 12.5 = \text{limited to } 25$

Case 3: $AF1/RF1=0$; $AF2/RF2=1/2$; $AF3/RF3=8/6$; Cadre proportion marks = $(0+0.3+0.53) \times 12.5 = 10.4$

5.3. Faculty Qualification (25)

$(FQ = 2.5 \times [(10X + 4Y)/F])$ where x is no. of regular faculty with Ph.D., Y is no. of regular faculty with M.Tech. F is no. of regular faculty required to comply 20:1 Faculty Student ratio (no. of faculty and no. of students required are to be calculated as per 5.1)

S.NO		X	Y	F	$FQ = 2.5 \times [(10X + 4Y)/F]$
1	CAY(2021-22)	02	38	42	10.23
2	CAY P1(2020-21)	03	47	40	13.25
3	CAY(2019-20)	03	31	38	10.13
4	CAYm1(2018-19)	07	38	38	14.60
Average Assessment					11.35

Table B.5.3: Faculty Qualification

5.4. Faculty Retention (25)

No. of regular faculty members in CAYm1= 46 CAY= 50

Item	Marks
(% of faculty retained during the period of assessment keeping CAYm2 as base year)	
$\geq 90\%$ of required Faculty members retained during the period of assessment keeping CAYm2 as base year)	25
$\geq 75\%$ of required Faculty members retained during the period of assessment keeping CAYm2 as base year)	20
$\geq 60\%$ of required Faculty members retained during the period of assessment keeping CAYm2 as base year)	15

>=50% of required Faculty members retained during the period of assessment keeping CAYm2 as base year)	10
<50% of required Faculty members retained during the period of assessment keeping CAYm2 as base year)	0

Table B.5.4: Faculty Retention

No of faculty in 2020-21=50

No of faculty retained since 2018-19 =24

Faculty Retention =24/50=48%

Total Marks for Faculty Retention =0

5.5. Innovations by the Faculty in Teaching and Learning (20)

(Innovations by the Faculty in teaching and learning shall be summarized as per the following description.

Contributions to teaching and learning are activities that contribute to the improvement of student learning. These activities may include innovations not limited to, use of ICT, instruction delivery, instructional methods, assessment, evaluation and inclusive class rooms that lead to effective, efficient and engaging instruction. Any contributions to teaching and learning should satisfy the following criteria:

- The work must be made available on Institute website*
- The work must be available for peer review and critique*
- The work must be reproducible and developed further by other scholars*

The department/institution may set up appropriate processes for making the contributions available to the public, getting them reviewed and for rewarding. These may typically include statement of clear goals, adequate preparation, use of appropriate methods, and significance of results, effective presentation and reflective critique)

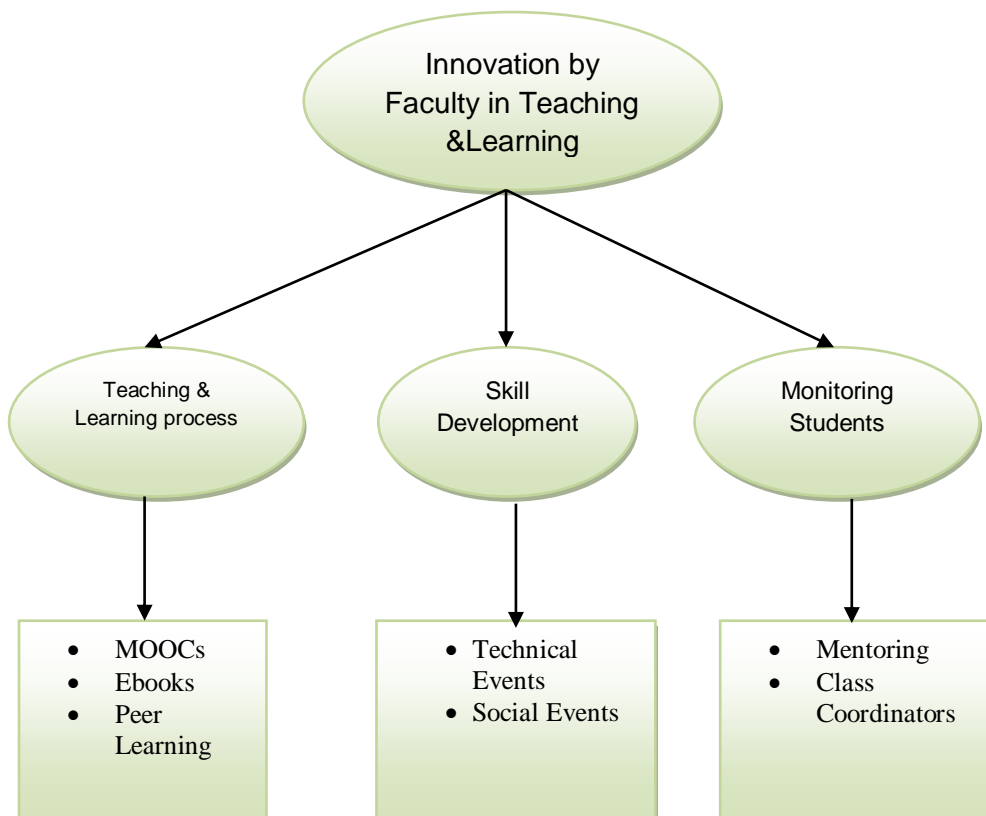


Figure 5.5a: Teaching Learning Process Diagram

Innovations are introduced to improve the effectiveness in teaching and learning process. Student , alumni, employer feedback and state of art technologies in the society are considered to introduce innovative teaching and learning methodologies. Department encourages faculty members to adapt innovative teaching.

Following are the three initiatives taken to improve the teaching learning process like

A. Innovations introduced in Teaching and Learning process –

Students are motivated to learn and prepare seminar presentation topic through research paper and e-books. They are also motivated for collaborative learning and peer learning methods. Students are prepared through multiple choice questions, roleplay, coding contest, webinar and video lecture following are the methods

- Provided MOOCs courses through IBM Skills Build platform
- Provided training program on Google cloud platform
- Training on Robotic Process Automation (RPA)
- Organizing various coding contest and training on competitive programming
- Providing Notes/PPTs/MCQs/ to students Before MTTs
- Role Play on different topics in classroom
- Participation of students in Codevita, NinjaEngineX, Testimony/Enquode for improving coding skills.
- Webinars, video lectures, MOOCs etc.
- Peer Learning / Collaborative Learning

B. Skill Development Initiatives –

Formation of Club: We believe in the holistic grooming of our students and hence we stress equal emphasis on round the year extracurricular activities which are facilitated through the various active student clubs at JECRC. For students inclined towards social services we have club i.e. Zarurat, SOCH, and Aashayein.

a) **Zarurat:** on a theme “The Help Beyond” an Initiative by JECRC students for social concern that is educating the underprivileged kids who can not avail the facility of schooling. **Limca Book of Records (National Record):** Students of Team Zarurat, JECRC, Jaipur assembled 24,626 tricolored handmade origami flowers in a flower basket - a record for the largest display of origami flowers - at the college premises. The target was accomplished over two phases; the first was the making of the origami flowers, which took place on 26th February 2017, over 11 hours, and the second was the assembly of the flower basket, symbolizing the national flag on 7th March 2017, over 10 hours. The certificate was issued in December 2017.

b) **SOCH (Sochkuchkardikhaneki):** Soch is a social initiative in JECRC started by the students to help needy persons of slum areas. Members of SOCH doing help such as providing food cloths, give education to poor of children's. Activities done by SOCH are orphanage children interactive program (ocip) 2018, vastra-samman, orphanage children interactive program, jecrc cleanliness drive, and no food wastage campaign.

c) **ASHAYEIN:** AashayeinEkAbhiyaan is club managed and run by JECRCians. The objective of Ashayein Club is Blood donation, Fest and Birthday Celebration in Old Age Homes, and Trees Plantation. The team aspires to inspire and motivate the youth of nation to be a part of this supreme deed. We aim to spread awareness among masses, so as to serve not only Rajasthan, but the entire nation.

d) **Code Warriors Coding Club**

e) Centre of Excellence by Coding Ninjas:

f) Centre of excellence by Automation Anywhere in Robotic Process Automation:

g) IBM Skills Build Platform:

h) Infosys Campus Connect Program: Infosys launched the Campus Connect (CC) program in 2004. It is a focused industry-academia program that aims to reduce the skill gap through grassroots academic interventions. This is a holistic program that covers the entire academic ecosystem – students, faculty, and curriculum development.

One of the employment opportunities being offered by Infosys to the students passing out in the year 2022 from any branch of engineering and MCA courses is InfyTQ Certification.

i) Training in Google Cloud: This course will provide individuals an introduction to cloud computing covering cloud basics, big data, and machine learning. The Google Cloud Computing Foundations course will provide individuals with little to no background or experience in cloud computing a detailed overview of concepts covering cloud basics, big data, and machine learning and where and how Google Cloud fits in.

j) Geeks for Geeks Student Chapter: The club established to fulfil and enhance the real time coding skill, competitive coding skill and advancements in the sector of information technology.

Collaborative Learning: Collaborative Learning is based on the model that knowledge can be created within a population where members actively interact by sharing experience and take on asymmetric role. We use Collaborative learning method among faculty and student. Six faculty members completed the AWS certification and are providing training to the students by lectures / video lectures.

Also two faculty members successfully completed training on Deep Learning and AI under Leading India initiative which is a project of Royal Academy of Engineering, UK under Newton Bhabha program. JECRC being the Zonal partner of this project has formed a research group comprising of faculty members of CSE and IT. The group will be conducting various trainings and will help the students to build projects to spread awareness about AI.

5.6. Faculty as participants in Faculty development/training activities/STTPs (15)

- A Faculty scores maximum five points for participation
- Participation in 2 to 5 days Faculty development program: 3 Points

Participation > 5 days Faculty development program: 5 points

S.NO	NAME OF FACULTY	Max 5 Per Faculty			
		2021-22	2020-21	2019-20	2018-19
1	Dr. Sanjay Gour	5	5	3	3
2	Dr. Vijeta Kumawat		5	5	-
3	Dr. Nilam Choudhary		5	5	3
4	Ms. Manju Vyas		3	5	-
5	Mr Amit Mithal		5	3	3
6	Mr Abhishek Dixit		3	5	3
7	Mr Kanishk Jain		3	-	3
8	Mr Ashish Ameria		3	-	3
9	Mr Rajan Kumar Jha	3	3	5	3
10	Mr Anoop Kumar Mehta		3	-	3
11	Mr Sachin Gupta		3	-	3
12	Ms Richa Sharma		3	5	3
13	Ms. Anima Sharma		3	5	3
14	Ms Priyanka Mitra	5	3	3	3
15	Ms Uma Maheswari	3	3	5	3
16	Ms Geerija Lavania		5	-	3
17	Ms. Abhilasha		5	-	3
18	Mr. Gajender Sharma		5	-	-
19	Ms. Yogita Punjabi		5	-	3
20	Mr Abhishek Jain		5	-	-
21	Mr. Pradeep Kr Sharma		3	3	-
22	Ms Tanya Shruti	3	3	3	-
23	Ms Suniti Chouhan	3	3	3	-
24	Ms Garima Garg		3	-	-
25	Ms Avani Sharma		3	-	-
26	Ms Sweety Singhal		3	-	5
27	Ms. Tripti Dua		3	-	NA
28	Ms. Anju Rajput		3	-	NA
29	Ms Neha Solanki		3	3	NA

30	Ms.Punita Panwar		-	NA	NA
31	Ms. Pratibha		5	NA	NA
32	Ms. Priya Jyotiyana	3	5	NA	NA
33	Ms. Somya Agarwal		-	NA	NA
34	Mr. Neeraj Prakash Shrivastava	3	5	NA	NA
35	Mr. Rahul Singh Panwar		-	NA	NA
36	Ms. Astha Joshi		NA	NA	NA
37	Ms. Sheetal Vijayvargiya	3	NA	NA	NA

TABLE 5.6 a: Faculty FDP Details

NUMBER OF FACULTY	CAY	CAYM1	CAYM2	CAYM3
SUM*	26	115	61	53
RF= NUMBER OF FACULTY REQUIRED TO COMPLY WITH 20:1 STUDENT-FACULTY RATIO AS PER 5.1	42	40	38	38
ASSESSMENT = 3 X (SUM/0.5RF)				
(MARKS LIMITED TO 15)	3.71	17.25	9.63	8.37
AVERAGE ASSESSMENT OVER THREE YEARS (MARKS LIMITED TO 15) =	10			

Table 5.6 b: Number of Faculty FDP Calculations

5.7. Research and Development (30)

5.7.1. Academic Research (10)

Academic research includes research paper publications, Ph.D. guidance, and faculty receiving Ph.D. during the assessment period.

- *Number of quality publications in refereed/SCI Journals, citations, Books/Book Chapters etc. (6)*
- *Ph.D. guided /Ph.D. awarded during the assessment period while working in the institute (4)*

All relevant details shall be mentioned.

Details of Ph.D.

A. Details of Faculty who got Ph.D. degree during the assessment years:

NIL

B. Details of Faculty who are pursuing Ph.D.:

S.No	Name of faculty	PHD pursuing University	Year of registration	Details of Guide	Area of Research Work	Status of work and No. of Publications
1	Dr. Sanjay Gour	Mohanlal Sukhadia University, Udaipur	September, 2008	Prof.(dr.) M. S. Dulawat	Statistical Inference and Data Mining	Ph.D. award, 100 publications
2	Dr. Vijeta Kumat	Jayoti Vidyapeeth Womens University	Aug 2013	Dr. Kavita Choudhary	Enhanced the Security for WSN Protocols from Attacks & Countermeasures	Awarded
3	Manju Vyas	JECRC University	Feb 2016	Dr. Naveen Hemrajani	Cost and Effort Estimation	Course Work Completed
4	Tanya Shruti	JECRC University	January,	Dr. Kamlesh	Sentiment	Course

			2021	Lakhwani	Analysis	Work Completed
5	Geerijalavani a	JECRC University	October 2020	Dr. Gajanand Sharma	Blockchain	Course Work Completed
6	PunitaPanwar	Manipal University Jaipur	July 2020	Dr. Sandeep Chaurasia	Earthquake prediction using machine learning approach (proposed)	Course Work Completed
7	Yogita Punjabi	Banasthali University	October 2020	Dr. MainazFaridi	Machine Learning	Course Work Completed
9	Richa Sharma	JECRC University	Jan 2020	Dr. ReemaAjmera	Blockchain	Course Work Completed
10	Ms. Pratibha Sharma	Manipal University Jaipur	July 2019	Dr Sunil Kumar Vashisth	Steganalysis using Transfer Learning approach	Course Work Completed
11	Anima Sharma	JECRC University	Jan 2020	Dr. Bhawna Sharma	Machine Learning	Course Work Completed
12	Amit Mithal	JECRC University	July 2020	Dr. ReemaAjmera	Blockchain	Course work completed
14	Neeraj Prakash Shrivastava	Mewar University	July 2017	Dr. R. K. Srivastava	Increase Fault Tolerance using Soft Computing Techniques.	Course Work Completed ,Research Paper Published
15	Abhishek Jain	JECRC University	Mar 2015	Dr. Surendra Kumar Yadav	Development of Intelligent E-Learning Framework Based on Cloud Computing	Course Work Completed
16	SunitiChouhan	JECRC University	October 2020	Dr. Gajanand Sharma	Blockchain	Course Work Complete

						d
17	Tripti Dua	Manipal University Jaipur	March 2021	Dr. RenuKumawat		Course Work Completed
18	Anju Rajput	Manipal University Jaipur	July 2019	Dr. RenuKumawat	Design of low power high performance XOR/ XNOR gate using CNTFET/ MOSFET	Course work completed
19	Abhishek Dixit	JECRC University	Jan 2020	Dr. Manish Jain	Machine Learning in autonomous vehicle	Course work completed
20	Pradeep Kumar Sharma	RTU Kota	Jan 2022	Dr. PankajDadhich	Machine Learning	Enrolled
21	GarimaGarg	J K laxmipath University	July 2021	Dr. Amit Sinhal	Internet of Vehicles	Course work Running

Table B.5.7.1a: Details of Faculty pursuing Ph.D.

C. Details of Successfully guided PhDs from the faculty of Department:

Following are the details of PhD thesis submitted under the guidance of

Sr. No.	Faculty Name	Name of Scholar	Year Regd.	Date of Submission	Title of the PhD Thesis
1	Dr. Sanjay Gour	Ms. Muktaagarwal	2013	08/10/2016	Missing values Inferece in Data Mining
2	Dr. Sanjay Gour	Mr. Yogesh Patel	2014	10/07/2017	Ubiquitous Instututional learning services using Hybrid Clouds-A case study of e-learning cloud
3	Dr. Sanjay Gour	Mr. SeshangDegadwala	2015	2018	Privecy preserving system using Pseudo Zernike Moment with SURF & Affine Transformation on Dual RST Attacks
4	Dr. Sanjay Gour	Ms. Darshnaben Pandya	2016	2019	An Analytical Research for anomalous values in Data Mining
5	Dr. Sanjay Gour	Ms. KanchanParihar	2014	08/04/2019	Analytics of online education through Data Mining
6	Dr. Sanjay Gour	Ms. DeepikaSoni	2018	05/08/2021	An analytical study of numerical methods in Data Mining

Table B.5.7.1b: Details of Successfully guided PhDs from the faculty of Department

D. Current PhD Scholars under joint Supervision (PhD) of Dr. Sanjay Gaur

Sr. No	Name of PhD Scholar	Research Area	Year of Admission	University
1	Ms. Mukta Agarwal	Data Mining	2013	Pacific University
2	Mr. Yogesh Patel	Cloud Computing	2014	Pacific University
3	Mr. Seshang Degadwala	Image processing	2015	Madhav University
4	Ms. Darshnaben Pandya	Data Mining	2016	Madhav University
5	Ms. Kanchan Parihar	Data Mining	2014	Rajasthan Vidyapeeth
6	Ms. Deepika Soni	Data Mining	2018	University of Technology

Table B.5.7.1c: Current PhD Scholars under joint Supervision

Research Publications

2020-21

JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE, JAIPUR

Publication session 2020-21

Sr. No.	Faculty	Year of Publication	Paper Title	International Conference	International Journal	ISSN/ISBN	E-ISSN
1	Dr. Vijeta Kumawat	2020	Coronavirus (COVID-19) in India- Statistics & Facts	IEEE Explore, Fourth World Conference on Smart Trends in Systems, Security and Sustainability (WorldS4)		978-1-7281-6823-4	
2	Dr. Nilam Choudhary	2021	Salesforce IOT Cloud Platform	1 st International Conference on Intelligence Enable Networks & Computing (IIENC-2020)		978-981-33-6307-6	
3	Dr. Nilam Choudhary	2021	High Speed SET D Flip-Flop Design for Portable Applications	1 st International Conference on Intelligence Enable		978-981-33-6307-6	

				Networks & Computing (IIENC-2020)			
4	Dr. NilamChoudhary	2021	Past to Future of Network Security with AI	Rising threats in experts Application and Solution			978-981-15-6014-9
5	Manju Vyas	2021	Effect of Dimensionality Reduction on Prediction Accuracy of Effort of Agile Projects Using Principal Component Analysis		IOP Conference Series: Materials Science & Engineering(Scopus Indexed)		10.1088/1757-899X/1099/1/012008
6	Mr. Amit Mithal	2021	A Novel Approach to Optimize SLAM Using GP-GPU	Proceedings of International Conference on Data Science			978-981-15-7561-7
7	Mr Amit Mithal	2020	A Novel Approach to Localized a Robot in a Given Map with Optimization Using GP-GPU	International Conference on Advent Trends in Computer Technologies”			978-981-15-0426-6
8	Dr. VijetaKumawat	2020	Internet of Things (IoT) based Smart Environment Integrating various Business Applications And Recent Research Directions	International Conference on Advent Trends in Computer Technologies”			2456-6470
9	Uma Maheshwari	2020	Internet of Things (IoT) based Smart Environment Integrating various Business Applications	International Conference on Advent Trends in Computer Technologies”	IJTSRD		2456-6470

			And Recent Research Directions				
10	Tanya Shruti	2020	A Peer Review of Different Techniques of Sentiment Analysis and Methodology	International Conference on Advent Trends in Computer Technologies”	International Journal of Computer Science & Programming languages		
11	Dr. Sanjay Gour	2020	Algorithmic Approaches for Data Mining and Machine Learning	International Conference on Advent Trends in Computer Technologies”	International Journal of Distributed Computing and Technology		
12	PriyankaMitra	2020	A Comprehensive Study on Cloud Mining of Crypto currencies	International Conference on Advent Trends in Computer Technologies”	International Journal of Distributed Computing and Technology		
13	SunitiChouhan	2020	Cyborgs: A Gateway to Enhanced Abilities	International Conference on Advent Trends in Computer Technologies”	International Journal of Computer Science & Programming languages		
14	Tripti Dua	2020	2:1 Multiplexer Using Different Design Styles: Comparative Analysis	International Conference on Advent Trends in Computer Technologies”	STM Journals 2020	2455-1872	
15	Anju Rajput	2020	2:1 Multiplexer Using Different Design Styles: Comparative Analysis	International Conference on Advent Trends in Computer Technologies”	STM Journals 2020	2455-1872	
16	Tripti Dua	2020	Half Adder Using Different Design Styles: A Review on Comparative Study	International Conference on Advent Trends in Computer Technologies”	STM Journals 2020	2455-1872	
17	Anju Rajput	2020	Half Adder Using Different Design Styles:	International Conference on Advent Trends in	STM Journals 2020	2455-1872	

			A Review on Comparative Study	Computer Technologies”			
18	Rahul Singh Pawnar	2021	Natural Ventilation Improvement of Building Using Solar Chimney Made of Honey Comb Structure: A CFD Based Study	IEEE Sponsored International Conference on Emerging Trends in Industry 4.0 (ETI 4.0)		978-1-6654-4663-1	
19	Dr. NilamChoudhary	2021	RGB Image Watermarking using DCT	1 st International Conference on Intelligence Enable Networks & Computing (IINENC-2020)		978-981-33-6307-6	

Table B.5.7.1d: Publication session 2020-21

2019-20

Sr. No.	Faculty	Year of Publication	Paper Title	International Conference	International Journal	ISSN/ISBN	E-ISSN	Volume/Issue	So
1	Avani Sharma	June 2020	Towards Trustworthy Internet of Things: A Survey		Computer Communication	0140-3664		Volume-160	
2	Dr Sanjay Gour	December, 1, 2019	Closest fit approach through linear interpolation to recover missing values in data mining		Advances in Intelligent Systems and Computing,	978-981-15-0637-6		volume 1041	
3	Dr Sanjay Gour	January, 03, 2020	ICT enable business promotion approach through search		Fourth International Congress on Information and Communication	978-981-329-342-7			

			engine optimization		Technology				
4	Dr Sanjay Gour	January, 03, 2020	Applied NF Interpolation methods for recover randomly missing values in data mining		Advances in Intelligent Systems and Computing,	978-981-32-9343-4			vol 1027
5	Dr Sanjay Gour	February 04, 2020	ICT and sustainability development in India		ICT and Sustainability Development in India	978-981-15-0629-1			
6	Dr. VijetaKumawat	6 July 2020	The Rising of Block Chain Technology and Its Adoption in India		Rising Threats in Expert Applications and Solutions	2194-5357			volume 1187
7	Ms. B.Umamaheswari	6 July 2020	The Rising of Block Chain Technology and Its Adoption in India		Rising Threats in Expert Applications and Solutions	2194-5358			volume 1187

Table B.5.7.1e: Publication session 2019-20

2018-19

Sr . No.	Faculty	Year of Publication	Paper Title	International Conference	International Journal	ISSN	E-ISSN	Volume/Issue	Source/Indexing
1	Dr. NilamChoudhary	October 2018	An ICT insight of Digitisation of banking in India	International Conference	Springer, Computing and Network Sustainability	2367-3370	2367-3389	LNNS, volume 75	Indexed by Scopus, Thomson Reuters, Web of Science, Google

									scholar
2	Dr. NilamChoudhary	October 2018	A Comparative Study of various CPU Scheduling Algorithms using MOOS Simulator		Journal of Advances in Shell Programming	239 5- 669 0,		Volume 5, Issue-3	Indexed by Web of Science, Google scholar
3	Dr. NilamChoudhary	October 2018	Implementation Model of Cloud Computing for Education Intuitions with Respect to Core Issues		Journal of Advances in Shell Programming	239 5- 669 0,		Volume 5, Issue-3	Indexed by Google scholar
4	Dr. NilamChoudhary	May 2019	Smart Voting System Through Facial Recognition		International Journal of Scientific Research in Computer Science & Engineering	232 0- 763 9	232 0- 76	Vol.7 , Issue.2	Indexed by Web of Science, Google scholar
5	Dr. VijetaKumawat	June 2019	A Data Mining Approach of Detection of Fake News on Social Media		IJSRED	258 1- 717 5		Volume 2, Issue 3	Indexed by Web of Science, Google scholar
6	Dr. VijetaKumawat	May 2019	Internet of Things (IoT) Based Smart Environment Integrating		IJTSRD-2019	245 6- 647 0		Volume 3, Issue 4	Indexed by Google scholar

			Various Business Applications and Recent Research Directions						
7	Geerijalavania	May 2019	Smart Voting System Through Facial Recognition		International Journal of Scientific Research in Computer Science & Engineering	2320-7639	2320-76	Vol.7 , Issue.2	Indexed by Web of Science, Google scholar
8	Geerijalavania	May 2019	Balanced Load in Distributed System with NoSQL Middleware		Journal of Emerging Technologies and Innovative Research	2349-5162		Volume-6, Issue 5	UGC
9	B.Umamahe swari	May-June 2019	IOT Based Smart Environment Integrating various Business Applications and Recent Research Directions		IJTSRD-2019	2581-7175		Volume 2, Issue 3	Indexed by Web of Science, Google scholar
10	B.Umamahe swari	1, June 2019	A Data Mining Approach of Detection of Fake News on Social Media		IJSRED	2581-7175		Volume 2, Issue 3	Thomsom Reuters
11	Dr Sanjay Gour	5 May 2019	A Deviation Revealing Approach		International Journal for	2321-9653		Volume 7, Issue 5	Copernicus

			for Data Cleaning		Research in Applied Science & Engineering Technology				
12	Dr Sanjay Gour	10 April 2018	An Efficient ROI Image Watermarking on Geometric Attacks		IJSRSET	239 5- 199 0	239 4- 409 9		UGC
13	Dr Sanjay Gour	July - September 2018	Advance Approach Towards Key Feature Extraction Using Designed Filters On Different Image Format For Providing Security		International Journal of Research in Electronics and Computer Engineering,	239 3- 902 8	234 8- 228 1	Volume-6 issue 3	Scopus
14	Dr Sanjay Gour	2018	Closest Fit Approach for Pattern Designing to Recovered Anomalous values in Data Mining	2018 Second World Conference on Smart Trends in Systems, Security and Sustainability (WorldS4)	IEEE Explore	978 -1- 538 6- 728 1-5	978 -1- 538 6- 728 0-8		IEEE

Table B.5.7.1f: Publication session 2018-19

E. Course Development

Introduction to R programming with data analytics.

Certificate program in Google Cloud.

5.7.2. Sponsored Research (5)

- *Funded research:*

(Provide a list with Project Title, Funding Agency, Amount and Duration)

Funding amount (Cumulative during CAYm1, CAYm2 and CAYm3):

Amount >20 Lakh – 5 Marks

Amount >= 16 Lakh and <= 20 Lakh – 4 Marks

Amount >= 12 Lakh and < 16 Lakh – 3 Marks

Amount >= 8 Lakh and < 12 Lakh – 2 Marks

Amount >= 4 Lakh and < 8 Lakh – 1 Mark

Amount <4 Lakh – 0 Mark

2021-2022: NIL

2020-2021: NIL

2019-20: NIL

2018-19: NIL

5.7.3. Development activities (10)

Provide details:

- *Product Development*
- *Research laboratories*
- *Instructional materials*
- *Working models/charts/monograms etc.*

Product Development

Product Name: JECRC Student attendance system.

Platform: Google Play Store.

Product Mentor: Ms. Girija Lavania & Dr. Sanjay Gour.

Research laboratories

Instructional materials

- **Course file:**

Each & every faculty prepare course wise lecture schedules, resource material and other related instruction material before commencement of semester and is added to moodle. The students can login and access the content through internet.

- **PowerPoint Presentation:**

Content wise instruction material is developed including PPT presentations, for all the courses prior to the commencement of each semester which is monitored by course coordinators.

- **Hand Outs:**

Where ever necessary, additional material and hand outs are prepared and the same is made available to students through Moodle.

- **Laboratory manuals:**

Laboratory manuals: are prepared and Laboratory instruction is given through Lab manuals at the beginning of each semester and demonstration classes are delivered for better understanding of concepts behind laboratory experiment.

Working models/charts/monograms etc.

- Relevant Charts are displayed in all Laboratories so that realization becomes easy for the students
- A project model competition titled “J-TechTrix” held every year for students to enhance their interpersonal and intra personal skills.
- The department has many models created by students and are been displayed in Laboratories. This prototype models helps the students to understand the working of basics and recent technologies in a better manner.
- **Project exhibition, Botathon, RPA, SIH & Startups, App/Web development**

5.7.4. Consultancy (from Industry) (5)

(Provide a list with Project Title, Funding Agency, Amount and Duration)

Funding amount (Cumulative during CAYm1, CAYm2 and CAYm3):

Amount >10 Lakh – 5 Marks

Amount >= 8 Lakh and <= 10 Lakh – 4 Marks

Amount >= 6 Lakh and <8 Lakh – 3 Marks

Amount >= 4 Lakh and <6 Lakh – 2 Marks

Amount >= 2 Lakh and <4 Lakh – 1 Mark

Amount <2 Lakh – 0 Mark

S. No.	Faculty Name	Project Title	Company	Consultancy Amount	Year	Remarks
1.	Dr. Sanjay Gour	Data Analytics Modeling & Engineering	Elixation Informatics Pvt. Ltd.	300000/-	2021	Running

Marks = 01

5.8. Faculty Performance Appraisal and Development System (FPADS) (30)

Faculty members of Higher Educational Institutions today have to perform a variety of tasks pertaining to diverse roles. In addition to instruction, Faculty members need to innovate and conduct research for their self-renewal, keep abreast with changes in technology, and develop expertise for effective implementation of curricula. They are also expected to provide services to the industry and community for understanding and contributing to the solution of real life problems in industry. Another role relates to the shouldering of administrative responsibilities and co-operation with other Faculty, Heads-of-Departments and the Head of Institute. An effective performance appraisal system for Faculty is vital for optimizing the contribution of individual Faculty to institutional performance. The assessment is based on:

- A well-defined system for faculty appraisal for all the assessment years (10)*
- Its implementation and effectiveness (20)*

Jaipur Engineering College and Research Centre, Jaipur

FACULTY APPRAISAL FORM (Session 2021-22)

For best faculty award

Total 200 points

Name of Faculty Member:

Department:

Designation:

S. No.	Item Name	Maximum Points	Points obtained	Annexure attached with page No.
1	Total theory subjects taught during the session..... (a) 60% students having B grade in..... subject Yes/No (b) 60% students having B grade in..... subject Yes/No (c) 60% students having B grade in..... subject Yes/No OR Internal Marks based on OBE for the year 2020-22 (10) Course file as per OBE (10) Student feedback (10)	30		
2	Research Publication: SCI / Scopus / Web of science indexed publication: 15 points, publication having ISSN / UGC approved: 10 points, National level publication: 5 points	30		
3	Faculty development programme 10 point average (one faculty development programme minimum 5 days attended 5 points, 2 points for attending 2 days workshop, subject to maximum of 10)	10		
4	Research grant average 15 points for having grant of more than 5 lakh, For applying 5 points / project	15		
5	Patent 10 points / Product development (5) / UHV(5)	20		
6	Certification course (5)	5		
7	Innovation in teaching learning (5), , online prepared <u>MOOCs</u> (5),	10		
8	National conference (5), international conference (10), Co-curricular activity (5), FDP (UGC, AICTE, TEQIP, NITTTR) 5, Cultural activity (5), class coordinator (5), Expert Talk (5) organized OR Placement mentor / TPO (20) and other 20 from the list of this section for organizing events.	40		
9	Final year project guided based on the idea of SIH / previous research publication (SCI / Scopus) / Skill based training to first year students	10		
10	Institute level activity organized / participated (1 point / activity)	5		
11	Any award received(1), session chair in conference (1), guest lecture (1), invited talk (1), etc. other than JECRC	5		

12	HOD recommendation maximum 20 points	20		
Total		200		

Note: HOD will verify the documentary proof.

Signature of Faculty

Signature of HODRegistrar (Reviewing Officer)

Signature of Principal

Note: Faculty member getting ZERO in criteria-1 or criteria-2 for the consecutive three years (CAY, CAY-1, CAY-2) appropriate action will be taken.



Jaipur Engineering College and Research Centre

Checklist for MTT analysis for the year 2020–21 (Odd)

Department:

Semester and Section:

Name of Faculty:

Subject:

No. of Students:

S. No	Details	MTT-1		MTT-2	
		Yes	No	Yes	No
1	Selection of paper as per rule				
2	MTT paper as per RTU Guidelines				
3	Solution submitted				
4	Copies shown to students				
5	Notice for Grievance				
6	Analysis based on CO submitted				
7	Target achieved or not (No. of students having > 60% marks)				
	If not action taken				
9	Assignment based on IES, GATE, reference book etc (minimum 50 questions in each assignment)				
10	Evaluation and discussion of assignment				

MTT-1: Signature of HOD

Signature of faculty

MTT-2: Signature of HOD

Signature of faculty

Submitted to IQAC for verification

Based on the Above API report faculty members are given appreciation/advisory

Format for same is mentioned below

Advisory note/Appreciation letter

Jaipur Engineering College & Research Centre

From : OS Office	To : Dr. Vijeta Kumarwat, CSE
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05.09.2020

APPRECIATION LETTER


Dr. Vijeta Kumawat
Associate Professor

Through Program Coordinator/HOD

As per the faculty appraisal form submitted by you for the session 2019-20 has been found satisfactory. You have scored total 126 points out of 200. College appreciates your effort and hope that you will continue to improve.

API scores of previous year:

2018-19
88/200


PRINCIPAL

Copy to –

1. Vice Chairman
2. Director
3. Concerned Program coordinator/HOD
4. Concerned faculty member
5. Personal file

5.9. Visiting/Adjunct/Emeritus Faculty etc. (10)

Adjunct faculty also includes Industry experts. Provide details of participation and contributions in teaching and learning and /or research by visiting/adjunct/Emeritus faculty etc. for all the assessment years:

- Provision of inviting/having visiting/adjunct/emergitus faculty (1)
- Minimum 50 hours per year interaction with adjunct faculty from industry/retired professors etc. (Minimum 50 hours interaction in a year will result in 3 marks for that year; 3 marks x 3 years = 9 marks)

Jaipur Engineering College and Research Centre					
Department of Computer Science and Engineering					
Details of Adjunct Faculty, Workshop 20201 – 2022					
<u>S.No</u>	Name of Faculty	Involvement in Conference/Seminar/Workshop	Duration	Total Teaching hours	Whether the subject covers the RTU Syllabus or additional to Syllabus
1	Mr. Peeyush Sanam, Chief Training Officer, UpFlairs Pvt Ltd, Jaipur	A Workshop On Web Chat Bot	12-08-2021	3 Hrs	VI(ISS) & VII(Cyber Security Lab)
2	Mr. Peeyush Sanam, Chief Training Officer, UpFlairs Pvt Ltd, Jaipur	A Workshop on Web Development with Django	16-11-2021	3 Hrs	VI (DBMS)(DBMS Lab), VI(DIP & MADL Lab)
3	Mr. Peeyush Sanam, Chief Training Officer, UpFlairs Pvt Ltd, Jaipur	A Workshop on Machine Learning with Python	16-11-2021	3 Hrs	VI(ML & ML Lab), VI (Python Lab)

Jaipur Engineering College and Research Centre					
Department of Computer Science and Engineering					
Details of Adjunct Faculty, Workshop 2020-21					
S.No	Name of Faculty	Involvement in Conference/Seminar/Workshop	Duration	Total Teaching hours	Whether the subject covers the RTU Syllabus or additional to Syllabus

1	Mr. Anshul Patidar, Business Development Executive, Cyberops InfoSec LLP, Jaipur Mr. Shovik Dutta, Information Security Analyst Cyberops InfoSec LLP, Jaipur	Workshop on Website Hacking & Bug Bounty	21st July 2020	5.30 Hrs	VI(ISS) & VII(Cyber Security Lab) Semesters
2	Dr. Varun Kapoor, ADG, Indore Zone	Webinar on Cyber Security	2nd Sep 2020	2.30 Hrs	IV(DCN), VI(ISS) & VII(Cyber Security Lab) Semesters
3	Mr. Saurabh Bhardwaj, Co-Founder and CTO, Techinest Pvt. Ltd., Jaipur	Adoption of IoT solutions to increase data collection for Data Analytics	23rd Dec 2020	3 Hrs	VII(IOT & IOT Lab), VIII (Big Data) Semester
4	Dr. Abhilasha Vyas, Senior Manager, Cyber Peace Foundation	Webinar on Our Privacy and Priority	19th May 2021	1 Hr	Beyond Syllabus
5	Mr. Manoviraj Singh, Manager – CSR and Social Impact	Workshop on Essentials in Job Applications	20th May 2021	1.30 Hrs	Beyond Syllabus
6	Mr. Lal Babu Purbey, Software Developer SYNORIQ Pvt. Ltd. Jaipur	Workshop on Web development with “Angular” Phase-I	22th May 2021	2 Hrs	VIII(Project Lab) Semesters
7	Mr. Shovik Dutta, Cyberops InfosecLLP	Workshop on Cyber Security	26th May 2021	2.30 Hrs	IV(DCN), VI(ISS) & VII(Cyber Security Lab) Semesters
8	Mr. Hitesh Maharwal, Senior Salesforce Consultant, Wipro Ltd. Jaipur	Workshop on Salesforce	29th May 2021	1 Hr	Beyond Syllabus
9	Mr. Shubham Gautam, Cyber Security Professional	Workshop on Social Engineering	2nd June 2021	1 Hr	Beyond Syllabus
10	Mr. Murli K, Freelance Testing Trainer & Senior Consultant, United	Workshop on Automation Testing Phase-I	3rd June 2021	2.30 Hrs	III(SE),VIII (STV Lab) Semesters

	Global Soft, Mr. Abhilash M, Testing Trainer and Consultant				
11	Mr. Sai Kiran Challa, Computer Scientist (Software Development Engineer), Adobe	Hands-on MongoDB Phase-I	4th June 2021	2 Hrs	IV (DBMS & DBMS Lab) Semester
12	Mr. Murli K, Freelance Testing Trainer & Senior Consultant, United Global Soft, Mr. Abhilash M, Testing Trainer and Consultant	Workshop on Automation Testing Phase-II	5th June 2021	3.30 Hrs	III(SE),VIII (STV Lab) Semesters
13	Ms. Leena Sajnani, Senior System Analyst, Saama Tech. Pvt. Ltd.	Workshop on Apache Spark & How to Overcome Hadoop limitations Phase-I	5th June 2021	1 Hrs	VIII Sem. (Big Data)
14	Mr. Sai Kiran Challa, Computer Scientist (Software Development Engineer), Adobe	Hands-on MongoDB Phase-II	15th June 2021	2.30 Hrs	IV (DBMS & DBMS Lab) Semester
15	Mr. Lal Babu Purbey, Software Developer SYNORIQ Pvt. Ltd. Jaipur	Workshop on Web development with “Angular” Phase-II	18th June 2021	3 Hrs	VIII(Project Lab) Semesters
16	Ms. Leena Sajnani, Senior System Analyst, Saama Tech. Pvt. Ltd.	Workshop on Apache Spark & How to Overcome Hadoop limitations Phase-II	21st June 2021	2 Hrs	VIII Sem. (Big Data)

Table 5.9a: Details of Adjunct/Visiting Faculty 2020-21

Jaipur Engineering College and Research Centre					
Department of Computer Science and Engineering					
Details of Adjunct Faculty, Workshop 2019-20					
S.No	Name of Faculty	Involvement in Conference/Seminar/W orkshop	Duration	Total Teaching hours	Whether the subject covers the RTU Syllabus or additional to

					Syllabus
1	Mr. Sourabh Taneja , Senior Software Devekoper & Trainer, Kvch-Oracle, WDP, Noida	Workshop On Data Science	4/3/2020	6 hr	VIII Sem. (Big Data)
2	Mr. Abhishek Bharti, Network Analyst, Cybercure Technologies Pvt. Ltd., Jaipur	Workshop on Ethical Hacking	2/3/2020	5 hr	IV(DCN), VI(ISS) & VII(Cyber Security Lab) Semesters
3	Mr. Athar Ahmad, Technical Head & Trainer, Technoglobe Pvt. Ltd., Jaipur	Workshop On Salesforce.Com	2/3/2020	6 hr	Beyond Syllabus
4	Dr. Cherry Jain, Business head & Artificial Intelligence Trainer, Technoglobe Pvt. Ltd., Jaipur	Workshop On Machine Learning with Data Science	23/01/2020	6 hr	VI (AI, ML & ML Lab), VIII Sem. (Big Data) Semesters
5	Mr. Abhay Ranjan, Digital Marketing Expert & Consultant, Grras Solutions Pvt. Ltd., Jaipur	Workshop On Digital Marketing	4/10/2019- 5/10/2019	12 hr	Beyond Syllabus
6	Mr. Palash Verma, Information Security Analyst, CYBEROPS Infosec LLP, Jaipur	Workshop on Cyber Security	6/9/2019	5 hr	IV(DCN), VI(ISS) & VII(Cyber Security Lab) Semesters
7	Mr. Furkhan Ali, IOT Expert, Ducat Education Pvt. Ltd., Noida	Workshop on Internet of Things	23/8/2019	6 hr	VII(IOT & IOT Lab) Semester
8	Mr. Siddharth Singh, Business Head and Trainer, Technest Pvt. Ltd., Jaipur	Workshop On Python with Machine Learning	22/8/2019	6 hr	V(Python Lab), VI (AI, ML & ML Lab), Semesters

Table 5.9b: Details of Adjunct/Visiting Faculty 2019-20

Jaipur Engineering College and Research Centre					
Department of Computer Science and Engineering					
Details of Adjunct Faculty, Workshop 2018-19					
S.No	Name of Faculty	Involvement in Conference/Seminar/Workshop	Duration	Total Teaching hours	Whether the subject covers the RTU Syllabus or additional to Syllabus
1	Mr. Athar Ahmad, Technical Head & Trainer, Technoglobe Pvt. Ltd., Jaipur	Workshop On Salesforce Technology	26/07/2018	5 Hrs.	Beyond Syllabus
2	Mr. Sourabh Taneja , Senior Software Developer & Trainer, Kvch-Oracle, WDP, Noida	Workshop on Data Analytics	3/8/2018	6 Hrs.	VIII Sem. (Big Data)
3	Mr. Mithun Verma, Trainer & Cyber Security Expert, CAD DESK Jaipur	Workshop On Ethical Hacking	17/08/2018	5 Hrs.	IV(DCN), VI(ISS) & VII(Cyber Security Lab) Semesters
4	Mr.Chandra Pal Singh, Code Planet Technologies Pvt. Ltd. Software Developer & Trainer Jaipur	Workshop On Python	20-01-19 to 21-01-2019	12 Hrs.	V(Python Lab), VI (AI, ML & ML Lab), Semesters
5	Mr. Siddharth Singh, Business Head and Trainer, Technest Pvt. Ltd., Jaipur	Workshop on Web Development	30/01/2019	6 Hrs.	VIII(Project Lab) Semesters
6	Mr. Abhay Ranjan, Digital Marketing Expert & Consultant,	Workshop On Digital Marketing	18/02/2019 to 19/02/2019	12 Hrs.	Beyond Syllabus

	GIPL Ltd., Jaipur				
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Table 5.9c: Details of Adjunct/Visiting Faculty 2018-19

Criteria 6

FACILITIES AND TECHNICAL SUPPORT

(80)

CRITERION 6	Facilities and Technical Support	80
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6. FACILITIES AND TECHNICAL SUPPORT (80)

Adequate and well equipped laboratories, and technical manpower (30)

EVEN SEMESTER-2021-22

Sr. No	Lab No.	Name of the Laboratory	No. of students per setup(Batch size)	Name of the Important equipment	Weekly utilization status (all the courses for which the lab is utilized)	Name of the Technical Staff	Designation	Qualification
1	CP LAB 1	Google Cloud Computing Foundation Lab	24 (Available 32 PC)	Intel H61 Chipset, Intel Corei-3, 2100, 3.1Ghz, 3M Cache, 2x2 GB DDR3 Ram, 1333 Mhz, 320 GB SATA 3.0 Gbps, 7200, DVD RW, HCL USB Heavy duty Keyboard, HCL USB 2 button Optical Mouse, HCL Digital Colour TFT-LED Monitor 18.5", uATX (Dasher) Software -Ubuntu, Window 7, , Acrobat reader, Java, Turbo C++,7zip, Chrome, Firefox, Seqrite Endpoint	24 Hrs	Kaushalendra Nagoria	Sr. Lab Instructor	MCA
2	CP LAB 2	6 th Sem - Mobile Android Development Lab	24 (Available 28 PC)	Intel H61 Chipset, Intel Corei-3, 2100, 3.1Ghz, 3M Cache, 2x2 GB DDR3 Ram, 1333 Mhz, 320 GB SATA 3.0 Gbps, 7200, DVD RW, HCL USB Heavy duty Keyboard, HCL USB 2 button Optical Mouse, HCL Digital Colour TFT-LED Monitor	36 Hrs	Tovindra Sahu	Sr. Lab Instructor	MCA

				18.5", uATX (Dasher) Software -Ubuntu, Window 7, , Acrobat reader, Java, Turbo C++,7 zip, Chrome, Firefox, Seqrite Endpoint Acrobat reader,7 zip, Chrome, Firefox, Seqrite Endpoint				
3	CP LAB 3	6 th Sem- Python Lab	24 (Available 28 PC)	HCL 18.5" LED,Intel Core i3-3220 3.30 Ghz, Intel H61 Chipset,320 GB SATA, 2X2 DDR3 RAM, 10/100/1000 Lan, DVD RW Software -Ubuntu, Window 7, , Acrobat reader, Java, Turbo C++,7 zip, Chrome, Firefox, Seqrite Endpoint	36 Hrs	Atul Sharma	Lab Tech.	MCA
4	CP LAB 4	4 th Sem- Data Base Manage ment System Lab	24 (Available 28 PC)	HCL 18.5" LED,Intel Core i3-3220 3.30 Ghz, Intel H61 Chipset,320 GB SATA, 2X2 DDR3 RAM, 10/100/1000 Lan, DVD RW Software - Windows 10, Oracle 10G, My Sql , Acrobat reader, 7 zip, Chrome, Firefox, Seqrite Endpoint	36 Hrs	Bhupendra Singh	Lab Tech.	B.Sc. , PGD CA
5	CP LAB 6	4 th Sem- Java Lab	24 (Available 28 PC)	HCL PIV 3.0 HT, 512 DDRII, HDD80, 17" TFT, HCL USB Keyboard, HCL USB Mouse, Asus 865/915 MB Software -Ubuntu, Windows XP, Java, Turbo C++, , Acrobat reader, 7 zip, Chrome, Firefox, Seqrite Endpoint	24 Hrs	Mukesh Chandel	Lab Tech..	MCA

6	CP LAB 7	4 th Sem Network Program ming Lab	24 (Available 28 PC)	HCL PIV 3.0 HT, 512 DDRII, HDD80, 17" TFT, HCL USB Keyboard, HCL USB Mouse, Asus 865/915 MB Software -Ubuntu, Windows XP, Java, GCC, Model Sim, Xiline, , Acrobat reader, 7 zip, Chrome, Firefox, Seqrite Endpoint	36 Hrs	Shyam Sundar Sharma	Lab Tech.	MCA
7	CP LAB 8	6 th Sem- Machine Learning Lab	24 (Available 28 PC)	Intel H61 Chipset, Intel Corei-3, 2100, 3.1Ghz, 3M Cache, 2x2 GB DDR3 Ram, 1333 Mhz, 320 GB SATA 3.0 Gbps, 7200, DVD RW, HCL USB Heavy duty Keyboard, HCL USB 2 button Optical Mouse, HCL Digital Colour TFT-LED Monitor 18.5", uATX (Dasher) Software - Windows 7, Oracle 10g, My Sql , Acrobat reader, 7 zip, Chrome, Firefox, Seqrite Endpoint	36 Hrs	Narendra Uchanniya	Lab Tech.	DCA
8	IBM LAB (AF- 02)	8 th Sem- Big Data Analytic s Lab/ 8 th Sem- Project	64	HCL Dual-core E- 5500@2.80Ghz, G-41 Intel Chipset MB, 2GB DDR3 RAM, SATA 160 GB HDD, DVD RW, HCL MM PS 2 KB, HCL USB OPTICAL Mouse, HCL 18.5" wide LCD with speaker Software - Windows 7, Java Acrobat reader, 7 zip, Chrome, Firefox, Seqrite Endpoint	8 Hrs	Mukesh Chandel	Lab Tech.	MCA

9	CP LAB (DF-05)	4 th Sem- Linux Shell Programming Lab	24 (Available 30 PC)	HCL Dual-core E-5500@2.80Ghz, G-41 Intel Chipset MB, 2GB DDR3 RAM, SATA 160 GB HDD, DVD RW, HCL MM PS 2 KB, HCL USB OPTICAL Mouse, HCL 18.5" wide LCD with speaker Software- Windows 7, Java, GCC, Acrobat reader, 7 zip, Chrome, Firefox, Seqrite Endpoint, Xiling	36 Hrs	Abhay Bhatt	Lab Tech.	MCA
10	CAD LAB (DS-11)	6 th Sem- Digital Image Processing Lab/ 8 th Sem- Software Testing and Validation Lab	24 (Available 32 PC)	Cornpaq Dual- Core F5200@2.50CH2, Intel@ Chipset G31 MB, 2 GB DDR2RAM, 320 GB SATAN HDD. COMPAQ USB KB, COMPAQ USB Optical Mouse, LIGHTSCRIBEDVDRW, BENQ TFT-LCD 17" Software- Windows 7, Java, GCC, Acrobat reader, 7 zip, Chrome, Firefox, Seqrite Endpoint, Xiling	36 Hrs	Abhay Bhatt	Lab Tech.	MCA

Table 6.1a: Even Semester 2021-22

ODD Semester (2021-22)

Sr. No	Lab No.	Name of the Laboratory	No. of students per setup(Batch size)	Name of the Important equipment	Weekly utilization status (all the courses for which the lab is utilized)	Name of the technical staff	Designation	Qualification
1	CP LAB 1	5 th Sem-Computer Graphics and Multimedia Lab/ 7th Sem-Cyber Security Lab	24 (Available 32 PC)	Intel H61 Chipset, Intel Corei-3, 2100, 3.1Ghz, 3M Cache, 2x2 GB DDR3 Ram, 1333 Mhz, 320 GB SATA 3.0 Gbps, 7200, DVD RW, HCL USB Heavy duty Keyboard, HCL USB 2 button Optical Mouse, HCL Digital Colour TFT-LED Monitor 18.5", uATX (Dasher) Software -Ubuntu, Window 7, , Acrobat reader, Java, Turbo C++,7zip, Chrome, Firefox, Seqrite Endpoint	33 Hrs	Kaushalendra Nagoria	Sr. Lab Instructor	MCA
2	CP LAB 2	5th Sem-Compiler Design Lab/ 7th Sem-Internet of Things Lab	24 (Available 28 PC)	Intel H61 Chipset, Intel Corei-3, 2100, 3.1Ghz, 3M Cache, 2x2 GB DDR3 Ram, 1333 Mhz, 320 GB SATA 3.0 Gbps, 7200, DVD RW, HCL USB Heavy duty Keyboard, HCL USB 2 button Optical Mouse, HCL Digital Colour TFT-LED Monitor 18.5", uATX (Dasher) Software -Ubuntu, Window 7, , Acrobat reader, Java, Turbo C++,7 zip, Chrome, Firefox, Seqrite Endpoint Acrobat reader,7 zip, Chrome,	30 Hrs	Tovindra Sahu	Sr. Lab Instructor	MCA

				Firefox, Seqrite Endpoint				
3	CP LAB 3	5th Sem- Advance Java Lab	24 (Available 28 PC)	HCL 18.5" LED, Intel Core i3-3220 3.30 Ghz, Intel H61 Chipset, 320 GB SATA, 2X2 DDR3 RAM, 10/100/1000 Lan, DVD RW Software -Ubuntu, Window 7, , Acrobat reader, Java, Turbo C++, 7 zip, Chrome, Firefox, Seqrite Endpoint	36 Hrs	Atul Sharma	Lab Tech.	MCA
4	CP LAB 4	3rd Sem- Data Structure and Algorith m Lab	24 (Available 28 PC)	HCL 18.5" LED, Intel Core i3-3220 3.30 Ghz, Intel H61 Chipset, 320 GB SATA, 2X2 DDR3 RAM, 10/100/1000 Lan, DVD RW Software - Windows 10, Oracle 10G, My Sql , Acrobat reader, 7 zip, Chrome, Firefox, Seqrite Endpoint	36 Hrs	Bhupendra Singh	Lab Tech.	B.Sc. ,PGD CA
5	CP LAB 6	3 rd , 5 th , 7 th Sem- Industria l Training	24 (Available 28 PC)	HCL PIV 3.0 HT, 512 DDRII, HDD80, 17" TFT, HCL USB Keyboard, HCL USB Mouse, Asus 865/915 MB Software -Ubuntu, Windows XP, Java, Turbo C++, , Acrobat reader, 7 zip, Chrome, Firefox, Seqrite Endpoint	33 Hrs	Mukesh Chandel	Lab Tech..	MCA

6	CP LAB 7	3 rd Sem- Object Oriented Program ming Lab	24 (Available 28 PC)	HCL PIV 3.0 HT, 512 DDRII, HDD80, 17" TFT, HCL USB Keyboard, HCL USB Mouse, Asus 865/915 MB Software -Ubuntu, Windows XP, Java, GCC, Model Sim, Xiline, , Acrobat reader, 7 zip, Chrome, Firefox, Seqrite Endpoint	36 Hrs	Shyam Sundar Sharma	Lab Tech.	MCA
7	CP LAB 8	3 rd Sem- Software Engineer ing Lab	24 (Available 28 PC)	Intel H61 Chipset, Intel Corei-3, 2100, 3.1Ghz, 3M Cache, 2x2 GB DDR3 Ram, 1333 Mhz, 320 GB SATA 3.0 Gbps, 7200, DVD RW, HCL USB Heavy duty Keyboard, HCL USB 2 button Optical Mouse, HCL Digital Colour TFT-LED Monitor 18.5", uATX (Dasher) Software - Windows 7, Oracle 10g, My Sql , Acrobat reader, 7 zip, Chrome, Firefox, Seqrite Endpoint	36 Hrs	Narendra Uchanniya	Lab Tech.	DCA
8	IBM LAB (AF- 02)	5 th Sem- Analysis of Algorith m Lab	64	HCL Dual-core E- 5500@2.80Ghz, G-41 Intel Chipset MB, 2GB DDR3 RAM, SATA 160 GB HDD, DVD RW, HCL MM PS 2 KB, HCL USB OPTICAL Mouse, HCL 18.5" wide LCD with speaker Software - Windows 7, Java Acrobat reader, 7 zip, Chrome, Firefox, Seqrite Endpoint	27 Hrs	Mukesh Chandel	Lab Tech.	M.Sc. (CS)

9	CP LAB (DF-05)	7 th Sem- Internet of Things Lab	24 (Available 30 PC)	HCL Dual-core E-5500@2.80Ghz, G-41 Intel Chipset MB, 2GB DDR3 RAM, SATA 160 GB HDD, DVD RW, HCL MM PS 2 KB, HCL USB OPTICAL Mouse, HCL 18.5" wide LCD with speaker Software- Windows 7, Java, GCC, Acrobat reader, 7 zip, Chrome, Firefox, Seqrite Endpoint, Xiling	28 Hrs	Abhay Bhatt	Lab Tech.	
10	CAD LAB (DS-11)	7 th Sem- Cyber Security Lab	24 (Available 32 PC)	Cornpaq Dual- Core F5200@2.50CH2, Intel@ Chipset G31 MB, 2 GB DDR2RAM, 320 GB SATAN HDD. COMPAQ USB KB, COMPAQ USB Optical Mouse, LIGHTSCRIBEDVDRW, BENQ TFT-LCD 17" Software- Windows 7, Java, GCC, Acrobat reader, 7 zip, Chrome, Firefox, Seqrite Endpoint, Xiling	30 Hrs	Abhay Bhatt	Lab Tech.	

Table 6.1b: Odd Semester 2021-22

Jaipur Engineering College Research Centre, Jaipur

COMPUTER SCIENCE AND ENGINEERING DEPARTMENT

AREA of LAB

S.No	Name	Name of Course	Name of the Laboratories	Total area of Lab
1	Computer Lab-1	B.Tech. Computer Science and Engineering	B.Tech. Computer Lab-1 GROUND FLOOR (Main Building)	25.3*25.9=655.27sq ft (60.96 sq. m.)
2	Computer Lab-2	B.Tech. Computer Science and Engineering	B.Tech. Computer Lab-1 GROUND FLOOR (Main Building)	19.3*25.3=488.29sq ft (45.42 sq. m)
3	Computer Lab-3	B.Tech. Computer Science and Engineering	B.Tech. Computer Lab-1 FIRST FLOOR (Main Building)	25.3*25.9=655.27sq ft (60.96 sq. m.)
4	Computer Lab-4	B.Tech. Computer Science and Engineering	B.Tech. Computer Lab-1 FIRST FLOOR (Main Building)	25.3*25.3=640.09sq ft. (59.54 sq. m.)
5	Computer Lab-6	B.Tech. Computer Science and Engineering	B.Tech. Computer Lab-1 FIRST FLOOR (Main Building)	25*25.6=640 sq ft (59.53 sq. m.)
6	Computer Lab-7	B.Tech. Computer Science and Engineering	B.Tech. Computer Lab-1 SECOND FLOOR (Main Building)	20*38=760 sq ft (70.70 sq. m.)
7	Computer Lab-8	B.Tech. Computer Science and Engineering	B.Tech. Computer Lab-1 SECOND FLOOR (Main Building)	25*25.6=640 sq ft (59.53 sq. m.)
8	IBM	B.Tech. Computer Science and Engineering	B.Tech. Computer Lab-1 FIRST FLOOR (Main Building)	26*38=988 sq ft (91.91 sq. m.)
9	IBM-II	B.Tech. Computer Science and Engineering	B.Tech. Computer Lab-1 FIRST FLOOR (Main Building)	8*20=160 sq ft (14.88 sq. m.)
10	CAD Lab (DS-11)	B.Tech. Computer Science and Engineering	B.Tech. CAD Lab SECOND FLOOR (D-Block)	25*29.6=740 sq. ft (68.84 sq. m.)
11	Computer Lab (DF-5)	B.Tech. Computer Science and Engineering	B.Tech. Computer Lab FIRST FLOOR (D-Block)	37.8*19.9=69.97 sq. ft (69.97 sq. m)

Table 6.1c: Area of lab

List of Equipment's and its Configuration

S.No.	Equipment Name	Brand	Model No.	Specification	Vendor	Invoice No.	Date	Qty	Rate	Amount	Location
1	Computer System	HCL	Infiniti L A 380 TRU	i3 System	HCL Infosystems Ltd.	3239505512	11-02-2013	4	23520	94080	CP1
2	Computer System	HCL	Infiniti L A 380 PRO	i3 System	HCL Infosystems Ltd.	6000058524	28-06-2011	28	20550	575400	CP1
3	Network Switch	Cisco	Cisco SF-300	48 Port	Alliance Technologies	297/2011-12	01-10-2011	1	20400	20400	CP1
4	Network Switch	Linksys	SLM-224 G2	24 Port	Alliance Technologies	297/2011-12	01-10-2011	1	9800	9800	CP1
5	Patch Panel	Dlink		24 Port	Alliance Technologies	297/2011-12	01-10-2011	3	4350	13050	CP1
6	Network Rack	COMRack		9U Rack	Alliance Technologies	298/2011-12	01-10-2011	1	4800	4800	CP1
7	OnLine UPS	DB	HN	15 KVA	Computer Media	CM/08-09/253	25-03-2009	1	187200	187200	CP1-2
8	Computer System	HCL	Infiniti L A 380 TRU	i3 System	HCL Infosystems Ltd.	3239505513	11-02-2013	28	23520	658560	CP19
9	Computer System	HCL	Infiniti L A 380 TRU	i3 System	HCL Infosystems Ltd.	3239505512	11-02-2013	28	23520	658560	CP2
10	Computer System	HCL	Infiniti L A 380 PRO	i3 System	HCL Infosystems Ltd.	6000058524	26-06-2011	3	20550	61650	CP20
11	Computer System	HCL	Infiniti L A 380 TRU	i3 System	HCL Infosystems Ltd.	3239505512	11-02-2013	7	23520	164640	CP20
12	Computer System	HP	HP 202	i3 System	Surbhi Electronet Pvt Ltd	224	13-01-2015	14	33285	465990	CP20
13	Computer System	Compaq	E5200	Dual Core	Cyber Space	481	21-09-2009	4	20748	82992	CP20
14	Computer System	HCL	Infiniti L A 380 TRU	i3 System	HCL Infosystems Ltd.	3239505513	11-02-2013	28	23520	658560	CP21
15	Computer System	HCL	Infiniti L A 380 TRU	i3 System	HCL Infosystems Ltd.	3239505512	11-02-2013	28	23520	658560	CP3
16	Projector	Sanyo	PCL XD 2600	LCD Projector	Hindustan Communication	91	15-07-2011	1	32000	32000	CP3
17	OnLine UPS	DB	HN	10 KVA	Computer Media	CM/08-09/253	25-03-2009	1	140400	140400	CP-3-4

18	Projector	Sanyo	PCL XD 2600	LCD Projector	Hindustan Communication	91	15-07-2011	1	32000	32000	CP4
19	Computer System	HCL	Infiniti L A 380 TRU	i3 System	HCL Infosystems Ltd.	3239505512	11-02-2013	28	23520	658560	CP4
20	Projector	Sanyo	PCL XD 2600	LCD Projector	Hindustan Communication	91	15-07-2011	1	32000	32000	CP5
21	Motorize Screen			Screen	Hindustan Communication	91	15-07-2011	1	7500	7500	CP5
22	Computer System	Assembled	i5 System	i5 System	Surbhi Electron Pvt Ltd	501	23-02-2012	10	35200	352000	CP5
23	Computer System	HCL		P4 System	HCL Infosystems Ltd.	6090000279	28-06-2006	28	26989	755699	CP6
24	OnLine UPS	DB	HN	10 KVA	Computer Media	CM/08-09/253	25-03-2009	1	140400	140400	CP6
25	Computer System	HCL		P4 System	HCL Infosystems Ltd.	6090000279	28-06-2006	28	26989	755699	CP7
26	Computer System	HCL	Infiniti L A 380 PRO	i3 System	HCL Infosystems Ltd.	6000058524	26-06-2011	23	20550	472650	CP8
27	Computer System	HCL	Infiniti L A 380 TRU	i3 System	HCL Infosystems Ltd.	3239505513	11-02-2013	5	23520	117600	CP8
28	Online UPS	Numeric	15 KVA	15 KVA	Micro Power Solutions	25	06-11-2012	1	166000	166000	IBM & CP7
29	Computer System	HCL	Infiniti L A 330 Pro	i3 System	HCL Infosystems Ltd.	6000001646	03-08-2010	50	17940	897000	IBM Lab
30	Computer System	HCL	Infiniti L A 330 Pro	i3 System	HCL Infosystems Ltd.	6000003475	14-08-2010	14	18787	263012	IBM Lab
31	Server	IBM	IBM P Series server P505	AIX Server	Invention Digital System	IDS/2006-2007/1082	05-03-2007	1	227000	227000	Server Room
32	Server	IBM	IBM X 226 Server 8648 IZS	Server	Invention Digital System	IDS/2006-2007/0492	27-09-2006	4	65000	260000	Server Room
33	Firewall	Cyberoam	CR-1500 NGXP-FB	H/W Firewall	Rajasthan Network Solutions	RNS/2015-16/128	19-10-2015	1	395220	395220	Server Room
34	Mouse Dell	Dell	MS116	Mouse	Computer World	CW/21-22/05341	5-10-2021	100	225.42	26,600	
35	UPS	Microtek	Microtek 625 V/A	625V/A	Computer World	CW/21-22/04576	11-9-2021	1	2375	2375	
Grand Total=10047958											

Table 6.1d: List of Equipments

List of Softwares in Lab

S.No.	Description	Type	Qty	Vendor	Bill Date	Valid Till	Bill No.	Total Amount
1	MSDN Academic Alliance 7.0 AE	S/W	1	Kamtron Systems Pvt. Ltd.	11-07-2007	31-05-2013	134	36400.00
2	Tally ERP 9.0	S/W	1	Arihant Computers	21-09-2010	Lifetime	SEP/296	30000.00
3	E-Scan Internet Security for SMB	S/W	700	MicroWorld Software Service Pvt. Ltd.	03-05-2011	03-05-2014	NTL/0159	227498.00
4	MS Win Starter 7 SNGL OLP Acdmc	S/W	50	Surbhi Electronet Pvt Ltd	17-02-2012	31-01-2014	485	124850.25
5	Digital Language Lab Software	S/W	2	Biyani Technologies	05-05-2013	Lifetime	10512	131250.00
6	Autodesk Autocad 2014 Academic SLM	S/W	30	Allianz CAD Solutions	08-08-2013	Lifetime	ACS/RI/13-14/00102	226800.00
7	Quick Heal Endpoint Security Business With Antispam	S/W	400	RNS Infotech	27-09-2014	26-09-2017	RNS/2014-15/111	159999.00
8	Matlab	S/W	30	Designtech System Ltd.	20-03-2015	Lifetime	PNQ/1415/12061	425768.70
9	Simulink	S/W	30	Designtech System Ltd.	20-03-2015	Lifetime	PNQ/1415/12061	212865.45
10	Signal Processing Toolbox	S/W	30	Designtech System Ltd.	20-03-2015	Lifetime	PNQ/1415/12061	170284.80
11	DSP System Toolbox	S/W	30	Designtech System Ltd.	20-03-2015	Lifetime	PNQ/1415/12061	170284.80
12	Control System Toolbox	S/W	30	Designtech System Ltd.	20-03-2015	Lifetime	PNQ/1415/12061	170284.80
13	Neural Network Toolbox	S/W	30	Designtech System Ltd.	20-03-2015	Lifetime	PNQ/1415/12061	170284.80
14	Communication System Toolbox	S/W	30	Designtech System Ltd.	20-03-2015	Lifetime	PNQ/1415/12061	170284.80
15	Cyberoam CR-1500 NGXP-FB	S/W	1	Rajasthan Network Solutions	19-10-2015	Lifetime	RNS/2015-16/128	351750.00
16	Fiber Module MWX-01G-08F	S/W	1	Rajasthan Network Solutions	19-10-2015	Lifetime	RNS/2015-16/128	43470.00
17	Cyberoam NGXP-F36 (3 Yr Subscription)	S/W	1	Rajasthan Network Solutions	19-10-2015	19-10-2018	RNS/2015-16/129	513850.00
18	WINEDU ALNG Upgrad SAPk OLVE 1 Y Acdmc Ent KW5-00359	S/W	200	Surbhi Electronet Pvt Ltd	06-04-2016	28-02-2017	2	450448.00
19	Office 365 Plus Open Faculty ShrdSvr ANG SOLVE S3Y-00001	S/W	200	Surbhi Electronet Pvt Ltd	06-04-2016	28-02-2017	2	323510.40

20	WIN IntuneOpnhrdSvrANGSubs VLOVL ELIC - 3LN-00001	S/W	200	Surbhi Electronet Pvt Ltd	06-04-2016	28-02- 2017	2	88740.70
21	WINHOME10SNGOL{ NLAE Legal GGS ELIC-KW9-0031	S/W	215	Surbhi Electronet Pvt Ltd	06-04-2016	28-02- 2017	2	1725102.00
22	WinsvrStd ALNG Lic SAPK OLV 1 Y Acdmc AP-P73-05566	S/W	1	Surbhi Electronet Pvt Ltd	06-04-2016	28-02- 2017	2	3349.59
23	Win SrCLANGcSAPKOLVE1-R18- 03500	S/W	50	Surbhi Electronet Pvt Ltd	06-04-2016	28-02- 2017	2	8930.24
24	SLSrSdALGLicSAPK-228-09539	S/W	1	Surbhi Electronet Pvt Ltd	06-04-2016	28-02- 2017	2	5694.01
25	SLCLANGL SAPkOLVE1Admc - 359-05410	S/W	50	Surbhi Electronet Pvt Ltd	06-04-2016	28-02- 2017	2	65881.55
26	EPS Business with Additional Packs 400 User	S/W	400	Rajasthan Network Solutions	26-09-2017	26-09- 2020	RNS/201 7-18/168	179360.00
27	Digital Language Lab Software AMC Charges	S/W	40	Biyani Technologies	12-02-2018	07-02- 2019	1577	23600.00

Table 6.1e1: List of Softwares

SN	Lab Name	Software
1.	Python Lab	Pycharm, Spyder, Jupiter Notebook, Python 3.3, Anaconda
2.	Machine Learning Lab	Pycharm, Spyder, Jupiter Notebook, Anaconda
3.	Digital Image Processing Lab	SCILab
4.	Data Base Management System Lab	MySql,
5.	Linux Shell Programming Lab	Linux Terminal & Vi Editor
6.	Data Structure Algorithm Lab	Turbo C, C++
7.	Java Lab	Notepad, JDK, Eclipse
8.	Software Engineering Lab	Umple, Diagramo, Umbrello-The UML Modeller, ProjectLibre
9.	Software Testing Validation Lab	Jabuti, Jmeter, Selenium
10.	Cyber Security lab	Turbo C, C++, Java, Snort
11.	Computer Graphics Lab	Turbo C, C++
12.	Compiler Design Lab	Turbo C, C++
13.	Network Programming Lab	NS2 / NS3, Linux Terminal
14.	Mobile Application Development Lab	Android Studio
15.	Object Oriented Programming Lab	Turbo C, C++
16.	Advance Algorithm Lab	Turbo C, C++
17.	Advance Java Lab	Notepad, JDK, Eclipse
18.	Internet of Things Lab	Arduino(Hardware), Arduino IDE
19.	Big Data Analytics Lab	Apache Hadoop, Eclipse
20.	Computer Programming Lab	Turbo C, / C++

Table 6.1e2: List of Open Software's

Expenditure on Internet Usage

S.No.	Vendor	Speed	Bill No.	Duration	Date	Amount
1	Vodafone	105	EIRJ081800067693	1-10-18 to 31-12-18	01-09-2018	242967
2	Vodafone	155	EIRJ021900081442	01-04-19 to 30-06-19	01-03-2019	242967
3	Vodafone	155	EIRJ051900088880	01-07-19 to 30-09-19	01-06-2019	242967
4	Vodafone	155	EIRJ081900096336	1-10-19 to 31-12-19	01-09-2019	242967
5	Vodafone	155	EIRJ111900105436	01-01-20 to 31-03-20	01-12-2019	242967
6	Vodafone	250	EIRJ022000113425	01-04-20 to 30-06-20	01-03-2020	242967
7	Vodafone	250	EIRJ052000121344	01-07-20 to 03-07-20	01-06-2020	242967
8	Vodafone	250	EIRJ082000128477	01-10-20 to 31-12-20	01-09-2020	242967
9	Vodafone	250	EIRJ112000134707	01-01-21 to 31-03-21	01-12-2020	242967
10	Vodafone	250	EIRJ022100142211	01-04-21 to 30-06-21	01-03-2021	242967
11	Vodafone	250	EIRJ052100148619	01-07-21 to 30-09-21	01-06-2021	153399.99
12	Vodafone	250	EIRJ042100147781	16-04-21 to 30-06-21	01-05-2021	127833.33
13	BlazeNet	750	BLJP/2122/09/001	01-09-21 to 31-08-22	01-09-2021	177000
14	Vodafone	250	EIRJ112100161929	01-01-22 to 31-03-22	01-12-2021	153399.99
15	Vodafone	250	EIRJ022200168120	01-04-22 to 30-06-22	01-03-2022	153399.99
16	Vodafone	250	EIRJ052200175458	01-07-22 to 30-09-22	01-06-2022	153399.99

Table 6.1f Internet Expenditure

Sample Lab Manual:

JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTER

Department of Computer Science & Engineering

Branch: Computer Science & Engineering

Semester: 3rd

Course Name: Object Oriented Programming Lab

Code: 3CS4-22

External Marks: 40

Practical hrs: 3hrs/week

Internal Marks: 60

Total Marks: 100

1. VISION & MISSION

Computer Science and Engineering

VISION: To become renowned Centre of excellence in computer science and engineering and make competent engineers & professionals with high ethical values prepared for lifelong learning.

MISSION:

- To impart outcome based education for emerging technologies in the field of computer science and engineering.
- To provide opportunities for interaction between academia and industry.
- To provide platform for lifelong learning by accepting the change in technologies.
- To develop aptitude of fulfilling social responsibilities.

Course outcome and CO-PO Mapping

CO-PO Mapping												
OOP LAB 3CS4-22												
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1: Understand and articulate the object-oriented approach for developing software programs using C++	3	3	2	2	3	-	-	1	1	-	1	2
CO2: Analyze and develop programs for reuse and maintainability to solve real time problems using C++	3	2	2	3	2	1	1	3	1	1	3	1

SYLLABUS

Class: B.Tech. III Sem.	Evaluation
Branch: Computer Science & Engineering	Examination Time =Three (3) Hours
Schedule per Week	Maximum Marks = 100
Practical Hrs.: 3	[Sessional/Mid-term (60) & Endterm (40)]



RAJASTHAN TECHNICAL UNIVERSITY, KOTA

Syllabus

II Year-III Semester: B.Tech. Computer Science and Engineering

3CS4-22 : Object Oriented Programming Lab

Credit-1.5
0L+0T+3P

Max. Marks : 100 (IA:60, ETE:40)

SN	CONTENTS
1	Understand the basics of C++ library, variables, data input-output.
2	C++ program using with the concept of structures.
3	Implement class and object concepts and function overloading.
4	Write programs to understand dynamic memory allocation and array of objects.
5	Program to understand different types of constructors and destructor.
6	Implement friend function to access private data of a class and usage of this pointer.
7	Write programs to understand the usage of constant data member and member function, static data member and member function in a class.
8	Implement different types of inheritance, function overriding and virtual function
9	Implement Operator overloading concepts.
10	Write programs to understand function template and class template.
11	Write programs to understand exception handling techniques.
12	Write programs to understand file handling techniques.

Figure 6.1a: Syllabus

Outcomes:

At the end of the semester, the students should have clearly understood and implemented the following:

- Perform the programming by writing programs in C++.
- Perform and understand the concepts of OOP.

BOOKS

Text and Reference books

1. How to Program C++, Dietel, Pearson
2. Mastering C++ By K.R.Venugopal, TMH

INSTRUCTIONAL METHODS:-

Direct Instructions:

- I. White board presentation

Interactive Instruction:

Algorithms

Indirect Instructions:

Problem solving

LEARNING MATERIALS:-

1. Text/Lab Manual
2. <https://www.jecrcfoundation.com/student-corner/lab-videos>

ASSESSMENT OF OUTCOMES:-

1. End term Practical exam (Conducted by RTU, KOTA)
2. Daily Lab interaction.

OUTCOMES WILL BE ACHIEVED THROUGH FOLLOWING:-

1. Lab Teaching (through marker and white board).
2. Discussion on Algorithms.
3. Lab Experiment Execution.

INSTRUCTIONS FOR STUDENT

BEFORE ENTERING IN THE LAB

- All the students are supposed to prepare the theory regarding the next program.
- Students are supposed to bring the practical file and the lab copy.
- Previous programs should be written in the practical file.
- Any student not following these instructions will be denied entry in the lab.

WHILE WORKING IN THE LAB

- Adhere to experimental schedule as instructed by the lab incharge.
- Get the previously executed program signed by the instructor.
- Get the output of the current program checked by the instructor in the lab copy.
- Each student should work on his/her assigned computer at each turn of the lab.
- Take responsibility of valuable accessories.
- Concentrate on the assigned practical and do not play games.
- If anyone caught red handed carrying any equipment of the lab, then he will have to face serious consequences.

INSTRUCTIONS of LAB

DO's

1. Please switch off the Mobile/Cell phone before entering Lab.
2. Enter the Lab with complete source code and data.
3. Check whether all peripheral are available at your desktop before proceeding for program.
4. Intimate the lab In charge whenever you are incompatible in using the system or in case software get corrupted/ infected by virus.
5. Arrange all the peripheral and seats before leaving the lab.
6. Properly shutdown the system before leaving the lab.
7. Keep the bag outside in the racks.
8. Enter the lab on time and leave at proper time.
9. Maintain the decorum of the lab.
10. Utilize lab hours in the corresponding experiment.
11. Get your external storage device checked by lab in-charge before using it in the lab.

DON'TS

1. No one is allowed to bring storage devices like Pan Drive /Floppy etc. in the lab.
2. Don't mishandle the system.
3. Don't leave the system on standing for long
4. Don't bring any external material in the lab.
5. Don't make noise in the lab.
6. Don't bring the mobile in the lab. If extremely necessary then keep ringers off.
7. Don't enter in the lab without permission of lab In charge.
8. Don't litter in the lab.
9. Don't delete or make any modification in system files.
10. Don't carry any lab equipments outside the lab.
11. Don't eat and drink inside the lab.
12. Avoid stepping on electric wires or any other computer cables.

Sample Evaluation Criteria of Lab

Batch	A1	Experiment Performed											Continuous Evaluation [30]	Viva[10]	Record and Attendance [20]	Internal Marks [60]
		(CO-1)					Target	(CO-2)								
S. N.	Name	Roll No.	1	2	3	4	5	Y/N	6	7	8	9	10	Y/N		

Table 6.1g: Evaluation of lab

Jaipur Engineering College & Research Centre, Jaipur Department of Computer Science & Engineering B.Tech Second Year Sem-III (2021-22) CONTINUOUS EVALUATION SHEET Sub: OOP lab 3CS4-22																								
S. N.	RTU Roll No.	Name	3B2		(CO-1)					Total (CO1)	Target	(CO-2)					Total (CO2)	Target	Total (CO1+CO2 =110)	Continous Evaluation(30)	Viva (10)	Attendance (10)	Lab Record (10)	Internal Marks (60)
			10	10	10	10	10	10	10	60	Y/N	10	10	10	10	10	50	Y/N						
1	20EJCCS025	AMAN DHAKAD	8	8	9	9	9	9	52	Y	9	9	8	9	8	43	Y	95	26	7	8	8	49	
2	20EJCCS026	ANAND SINGH GAHLOUT	9	9	8	9	8	9	52	Y	9	8	9	8	8	42	Y	94	26	9	9	10	54	
3	20EJCCS027	ANANT GAUTAM	7	8	8	8	8	8	47	Y	8	9	7	7	7	38	Y	85	24	8	8	10	50	
4	20EJCCS028	ANIMESH JAIN	9	9	9	9	9	9	54	Y	9	9	9	9	9	45	Y	99	27	9	9	10	55	
5	20EJCCS029	ANJALI AGARWAL	8	8	8	8	9	9	50	Y	8	8	8	8	8	40	Y	90	25	9	9	10	53	
6	20EJCCS030	ANJULI AGGARWAL	8	8	9	9	9	9	52	Y	9	9	8	9	9	44	Y	96	27	9	9	9	54	
7	20EJCCS031	ANKIT KHANDELWAL	8	9	8	9	8	8	50	Y	8	8	9	8	8	41	Y	91	25	9	8	10	52	
8	20EJCCS032	ANKUR KUMAR SINGH	9	9	9	9	9	9	54	Y	9	9	10	9	9	46	Y	100	28	9	9	9	55	
9	20EJCCS033	ANKUR SHUKLA	7	6	7	6	8	7	41	Y	7	7	6	7	7	34	Y	75	21	7	8	7	43	
10	20EJCCS034	ANSH KHANDELWAL	9	9	9	9	9	8	53	Y	8	9	9	9	9	44	Y	97	27	9	9	9	54	
11	20EJCCS035	ANSHIKA SINGHAL	8	8	9	8	9	9	51	Y	9	8	8	9	8	42	Y	93	26	9	9	9	53	
12	20EJCCS036	ANSHUL SEPAT	8	9	8	9	8	8	50	Y	8	9	8	9	8	42	Y	92	26	8	9	8	51	
13	20EJCCS037	ANUBHAV SONI	9	9	9	9	9	9	54	Y	9	9	9	9	9	45	Y	99	27	9	9	10	55	
14	20EJCCS038	ANUJ BHALOTHIA	8	9	9	9	8	9	52	Y	7	9	9	7	9	41	Y	93	26	8	9	9	52	
15	20EJCCS039	ANURAG DADHICH	7	8	8	8	8	8	47	Y	8	9	7	7	7	38	Y	85	24	6	8	8	46	
16	20EJCCS040	ANURAG RATHORE	8	8	8	8	9	9	50	Y	8	8	8	8	8	40	Y	90	25	9	7	9	50	
17	20EJCCS041	ANUSHKA SHARMA	9	9	9	9	9	9	54	Y	9	9	8	9	8	43	Y	97	27	7	9	9	52	
18	20EJCCS042	APOORV SHARMA	9	8	9	8	9	9	52	Y	9	9	8	9	8	43	Y	95	26	9	9	10	54	
19	20EJCCS043	APOORVA JAIN	8	8	9	9	9	8	51	Y	8	9	9	7	9	42	Y	93	26	9	9	10	54	
20	20EJCCS044	APURVA RATHORE	9	9	9	9	9	9	54	Y	8	9	9	8	9	43	Y	97	27	9	9	9	54	
21	20EJCCS045	APURVA SINGHAL	8	8	8	8	9	9	50	Y	8	8	8	8	8	40	Y	90	25	9	9	9	52	
22	20EJCCS046	ARCHIT SHARMA	9	9	9	9	9	9	54	Y	9	9	8	9	8	43	Y	97	27	9	9	9	54	
23	20EJCCS047	ARIN GOYAL	9	9	9	9	9	9	54	Y	9	9	8	9	8	43	Y	97	27	8	8	9	52	

Figure 6.1h: Continuous Lab Evaluation

1.2. Additional facilities created for improving the quality of learning experience in laboratories (25)

Sr. No.	Facility Name	Details	Reason(s) for creating facility	Utilization	Areas in which students' are expected to have enhanced learning	Relevance to POs/PSOs
1	Class Room with projector	Fully equipped Class room with LCD projector with the seating capacity of 70. Comfortable desks, chairs and teaching aids , Fans	Faculties use all interactive modules like videos/ presentations and visually attractive methods of teaching.	20 Hrs. Per Week	Subjects (Principles of Programming Language, Real time application oriented subjects, Software Engineering, Mobile Computing, Data Mining & Warehousing ect.	PO1, PO5
2	E-journal	JGate	For research and project activities. To know about recent trends in science and technology	Throughout the academic session.	Research activity, paper writing. Recent trends in engineering and software industry Project activity	PO1,PO2, PO12
3	Internet Facility	Ethernet/WiFi	Facility to staff and students for enhancing Teaching Learning	Throughout the academic session.	More knowledge apart from curriculum, 24x7 access to learning resources	PO1,PO2, PO5
4	Video's From NPTEL, SWAYAM	NPTEL (National Program on Technology Enhanced Learning) is a joint initiative of the IITs and IISc. Through this initiative, Students get certified on various latest courses through online learning and evaluation	Understanding the Video oriented Teaching and learning.	Throughout the semester	Building deep understanding with expert lectures from subject experts In depth knowledge beyond Lab.	PO1,PO5,PO11

5	Seminar Hall	Fully equipped shared seminar hall with Computer, Projector, 70 Student Desk, White Board, Air conditioner, Cushion chair, Microphone, Speaker, LED lights, Podium, Well Equipped Audio System.	To present technical talk/ project seminars/ research papers/ workshops/ industry interaction presentation and Guest Lectures and Expert Talk.	Throughout the semester	To bridge the band gap between academic and industry curriculum. To upgrade students to industry standard. Gaming Contest, Quizzes	PO1,PO8, PO9,PO12
6	Computer Hardware Lab	Using Scrap /Unused computers	To provide complete picture of hardware devices for better understanding of the subjects	5 hours per week	Real time experience of dissembling, locating the devices, assembling the system	PO1,PO12
7	MOU with Coding Ninjas	Coding Ninjas was founded in 2016 to bridge the knowledge gap between colleges and industry. Founded by Ankush Singla, Kannu Mittal and Dhawal Parate, Coding Ninjas boasts of world-class teaching faculty and a state-of-art learning platform for Coding education with faculty alumni of IIT, Stanford, IIIT and Facebook.	The objective of this MoU is to bring industry approach of solution development and product engineering to engineering candidates through project based learning and training.	3 Months	Coding Ninjas will teach Programming courses in Foundation , Advanced, Data & Development courses such as Machine Learning, Data Science, Web Development, Android and more	PO1,PO4,PO5, PO9,PO11, PO12
8	MOU with Upflairs Pvt. Ltd.	UpFlairs is an ed-tech startup proudly on a mission to up-skill students	The objective of this MoU is to bring industry approach of	3 Months	After completion of training students will get prepared for developing projects that can solve the real life problems by the use of Artificial	PO1,PO4,PO5, PO9,PO11, PO12

		<p>across India.</p> <p>We aim to nurture quality tech talent by imparting skills based on emerging technologies — IoT, AI, ML, Robotics — hence, making students employable for the 21st century tech jobs. To begin with, we are offering courses on AI, Data Science, Embedded Systems & IoT, and Machine Learning.</p>	<p>solution development and product engineering to engineering candidates through project based learning by data and technology.</p>		<p>Intelligence, Machine Learning, Internet of Things etc.</p>	
9	<p>MOU with CSRBOX (Renalysiss consultancy pvt.ltd)</p>	<p>CSRBOX is India's leading CSR knowledge and impact intelligence driven media platform for the development community. It serves as an enabler, encouraging collaboration and partnerships between CSR and stakeholders.</p>	<p>To train the students and make them industry ready.</p>	<p>1 Months</p>	<p>Project, Industrial Training</p>	<p>PO1,PO2,,PO4, PO5, PO9,PO11, PO12</p>
10	<p>MOU with MYTAT (RVR Innovations LLP)</p>	<p>Company is engaged in the business of providing technology-based learning & recruitment solutions in various forms through the portals -</p>	<p>It provides a common platform for Internship opportunities, Job Opportunities, Placement and Curriculum Assessment etc</p>	<p>Throughout the Year</p>	<p>Trainings, Internships, Placements</p>	<p>PO1,PO2,PO4, PO5,PO9,PO11 ,PO12</p>

		www.tvlYTAT.co, www.IVYTATclasses.com www.Irnable.com				
11	MoU with Department of information technology & Communication, Government of Rajasthan	The Department of Computers was established in 1987. In its nascent stage, it was functioning under the State's Planning Department, to provide state government a strong technical foundation to better serve its citizens and to create more accountability and efficiency through computerization	It provides the Internships and Entrepreneurship ecosystem provided by Govt. of Rajasthan.	Throughout the year	Internships, Incubation, Entrepreneurship	PO1, PO2, PO3, PO4, PO5 PO9, PO11, PO12
12	Spiritual Research Cell	Sponsored by DST CSRI & JECRC	1. For operating DST CSRI sponsored Research Project 2. For imparting the wealth of Indian Yoga & Meditation among Engineering Students	Available Throughout the semester	1. In the field of Yoga & Meditation 2. In developing moral values & ethics 3. In the area of Spiritual Research Opportunities	PO6,PO8

Table 6.2: Additional facilities

Laboratories Maintenance and overall ambience (10)

Laboratories Maintenance

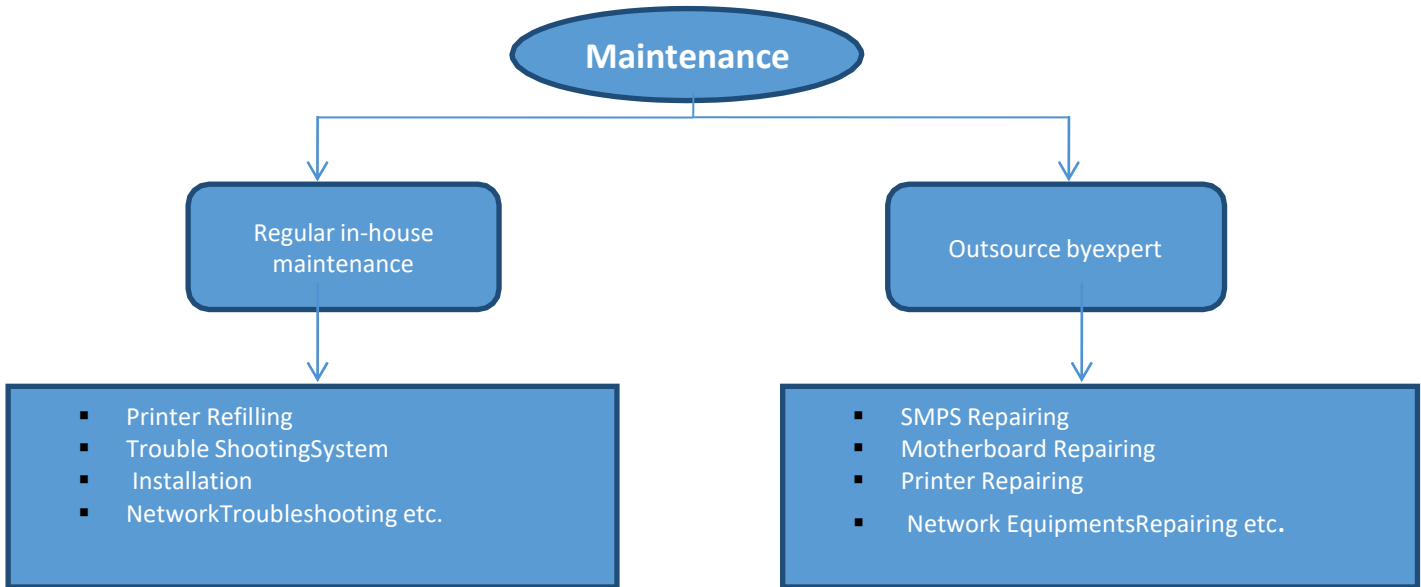


Figure6.3.1: Lab maintenance

Overall Ambience:-

- Department has enough labs which are used for all the years to meet the curriculum requirements. Conditions of chairs/benches are good. Chairs are provided for individual students in Labs.
- Each Lab is equipped with white board, computer setup, and high speed Internet facility.
- Each Lab is air-cooled & with proper lighting
- Wi-Fi facility available 24X7 for all faculties and students to carry lab work.
 - Well-furnished AF-02 computer lab used for project work.
 - Technical support for the students is available throughout the day.
 - AF-02 lab is open for the students to carry out research regarding their projects, throughout the day.

Project laboratory:

The projects are mandatory for VIII semester students. Students are directed to start their Project work from VII semester and continue till final semester under the supervision of their respective Project Guide.

The chosen project can be based on area of interest of the students. The project of VIII semester carries 350 marks in the RTU curriculum. To ensure the quality of projects, Department has formed a committee, named as Project Assessment Committee. For the quality of project Program Specific Outcomes (PSO) is considered and also the problems is considered through various websites for run time cutting edge issues and through Smart India Hackathon (SIH).

S. No.	Faculty Name	Qualification	Designation	Role
1	Dr. Sanjay Gour	Ph.D.	Professor	Chair
2	Dr. Vijeta Kumawat	Ph.D.	Associate Professor	Project Coordinator
3	Mr. Pradeep Sharma	M. Tech.	Assistant Professor	Project Coordinator
4	Mr. Abhishek Dixit	Ph.D.	Associate Professor	Member

Table 6.4a: Details of Members Involved in Project Evaluation (2021-2022)

Course Outcomes

On completion of the Project:	
CO1	Gather, organize, summarize and interpret technical literature with the purpose of formulating a project proposal
CO2	Design/Develop the solution using latest technologies and communicate via modern tools.
CO3	Understand and develop the professional, social ethics, and team management principles.

Table 6.4b: Project Course Outcomes

Program Specific Outcomes (PSO):

PSO1	Ability to interpret and analyze network specific and cyber security issues, automation in real word environment.
PSO2	Ability to Design and Develop Mobile and Web-based applications under realistic constraints.

Table 6.4c: Program Specific Outcomes

Subject	Code	L / T / P	CO	P O 1	P O 2	P O 3	P O 4	P O 5	P O 6	P O 7	P O 8	P O 9	P O 10	P O 11	P O 12	P O 13	P O 14	P O 15	
Project	8CS7-0	P	Gather, organize, summarize and interpret technical literature with the purpose of formulating a project proposal.	3	3	3	2	2	2	1	2	1	2	2	3	3	3		
		P	Design/Develop the solution using latest technologies and communicate via modern tools.	3	3	3	2	2	2	1	2	2	2	2	2	3	3	3	
		P	Understand and develop the professional, social ethics, and team management principles.	3	3	3	2	2	2	1	2	2	2	2	2	3	3	3	

Table 6.4d: Mapping b/w Course Outcomes & Project Course Outcomes

Project Group Formation

- Students of IV Year are sorted in chronological order on the basis of their academic performance.
- The students are divided into four groups namely Topper Student List (Group 1), Average Student List (Group 2), Below Average Student List (Group 3) and Bottom Student List (Group 4). Each group contains 25% of total final year students.
- Display the list of faculty members according to their area of interest.
- Select one student from each group and make a team.
- Each team selects one guide according to their area of interest and asks the guide for their project approval after showing the abstract of the project.

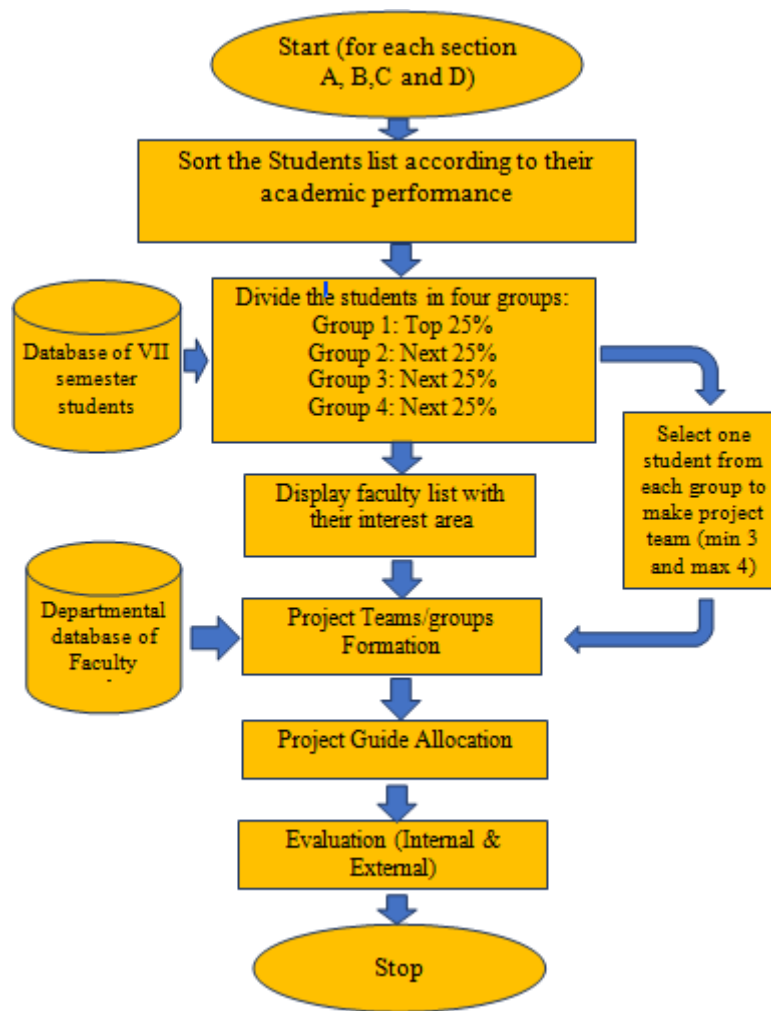


Figure 6.4 a: Flow Chart of Project Group Formation

Sample of Class Groups (2021-22):

JAIPUR ENGINEERING COLLEGE & RESEARCH CENTRE, JAIPUR				
Department of Computer Science & Engineering				
B.Tech VII Semester (Section A)				
Roll.No	University Roll No.	Name of Students	Percentage: B.Tech Agg.	Group
1	18EJCCS023	ARYA KHANDELWAL	93.48	A
2	18EJCCS028	ASHISH MAHESHWARI	92.82	A
3	18EJCCS035	BHAVIKA JAIN	92.56	A
4	18EJCCS018	ANURAG SHARMA	91.38	A
5	18EJCCS072	ISHA SHARMA	91.16	A
6	18EJCCS067	HIMANSHI KABRA	90.24	A
7	18EJCCS036	BHAVIKA MITTAL	90.12	A
8	18EJCCS033	AYUSHI SINGHAL	89.76	A
9	18EJCCS037	BHUMIKA JAIN	89.7	A
10	18EJCCS064	HARSHITA AGARWAL	89.54	A
11	18EJCCS041	DANNY GUPTA	88.62	A
12	18EJCCS030	ATUL SISODIYA	88.62	A
13	18EJCCS022	ARPITA AGARWAL	88.4	A
14	18EJCCS002	AAYUSHI BAHUKHANDI	88.36	A
15	18EJCCS043	DEEPANKAR RAJ	88.36	A
16	18EJCCS047	DEV KUMAR SHARMA	87.84	A
17	18EJCCS031	AVINASH SONI	87.24	B
18	18EJCCS010	AMAN CHAURASIA	87.1	B
19	18EJCCS060	HARASIS SINGH	86.5	B
20	18EJCCS020	ARIN MANGAL	83.84	B
21	18EJCCS032	AYUSH JAIN	83.04	B
22	18EJCCS001	AASTHA AGARWAL	83.04	B
23	18EJCCS007	ADITYA SHARMA	83.02	B
24	18EJCCS049	DHARMVATSAL SINGH CHOUHAN	82.14	B
25	18EJCCS004	ADITI BIRLA	81.6	B
26	18EJCCS015	ANUJ JAIN	81.4	B
27	18EJCCS054	GARVIT KHANDELWAL	80.74	B
28	18EJCCS029	ASIF KHAN	80.5	B
29	18EJCCS024	ARYAN KHANDELWAL	80.44	B
30	18EJCCS013	AMIT AGARWAL	79.68	B
31	18EJCCS059	HAPPY KHANDELWAL	79.62	B
32	18EJCCS039	CHIRAG ASAWA	79.54	B
33	18EJCCS068	HIMANSHU GUPTA	79.42	C
34	18EJCCS045	DEEPESH KUMAR DHAKER	79.04	C
35	18EJCCS056	GAURAV SAHU	78.94	C
36	18EJCCS061	HARSH VARDHAN	78.62	C
37	18EJCCS005	ADITYA BIRLA	78.4	C
38	18EJCCS071	INDRAJEET SINGH SHEKHAWAT	78.18	C

39	18EJCCS058	GIRISH YADAV	77.54	C
40	18EJCCS052	DIVYANSH KUMAR JANGIR	76.9	C
41	18EJCCS062	HARSH VERMA	75.52	C
42	18EJCCS011	AMAN JAIN	74.78	C
43	18EJCCS070	HITEN SAMBHWANI	74.78	C
44	18EJCCS051	DISHA JAIN	74.74	C
45	18EJCCS042	DEEPAK ARORA	74.54	C
46	18EJCCS055	GARVIT MALPANI	74.04	C
47	18EJCCS021	ARPIT JAIN	73.9	C
48	18EJCCS050	DHURV LADDHA	73.86	C
49	18EJCCS034	BHANESH KUMAR PALLIWAL	73.02	D
50	18EJCCS017	ANUJ MISHRA	72.8	D
51	18EJCCS009	AKSHITA JAIN	72.4	D
52	18EJCCS026	ARYAN SHARMA	72.24	D
53	18EJCCS003	ABHISHEK RATHORE	72.06	D
54	18EJCCS008	ADITYA SONI	71.38	D
55	18EJCCS044	DEEPANSH GUPTA	71.28	D
56	18EJCCS027	ASHISH KOCHAR	70.52	D
57	18EJCCS066	HERIT SHAH	70.14	D
58	18EJCCS057	GAURAV SINGH SHEKHAWAT	70.1	D
59	18EJCCS053	FARHAN ALI	70.08	D
60	18EJCCS014	ANKIT KUMAR	66.38	D
61	18EJCCS016	ANUJ KUMAR SINGHAL	62.68	D
62	18EJCCS063	HARSHIT SHARMA	62.42	D
63	18EJCCS012	AMAN SAXENA	62.2	D
64	18EJCCS006	ADITYA SHARMA	54.78	D
65	18EJCCS069	HIMANSHU KUMAR SINGH	31.4	D

JAIPUR ENGINEERING COLLEGE & RESEARCH CENTRE, JAIPUR				
Department of Computer Science & Engineering				
B.Tech VII Semester (Section B)				
Roll.No	University Roll No.	Name of Students	Percentage: B.Tech Agg.	Group
1	18EJCCS113	NISHTHA GARG	95.32	A
2	18EJCCS086	KRATI MITRA	94.68	A
3	18EJCCS096	MEERA AGRAWAL	94.06	A
4	18EJCCS080	KANCHAN JESWANI	92.46	A
5	18EJCCS077	JAYANA SOLANKI	92.28	A
6	18EJCCS107	NANDINI SINGH	91.44	A
7	18EJCCS095	MEENAL AGARWAL	91.18	A
8	18EJCCS117	NUPUR SOGANI	91.04	A
9	18EJCCS111	NIKHIL GUPTA	89.88	A
10	18EJCCS132	RAHUL SOLANKI	89.6	A
11	18EJCCS109	NEHA PRAJAPATI	89.16	A
12	18EJCCS102	MUSKAN BHALAWAT	88.54	A
13	18EJCCS065	HARSHITA CHAUDHARY	87.182	A

14	18EJCCS082	KAPIL GARG	86.7	A
15	18EJCCS074	ISHITA JAIN	86.68	A
16	18EJCCS085	KHUSHI SINGHAL	85.32	A
17	18EJCCS097	MEHUL JAIN	85.26	B
18	18EJCCS119	PAWAN KR BALDEWA	85.2	B
19	18EJCCS079	JYOTI SINGHAL	85	B
20	18EJCCS123	PRASHANT MALAV	85	B
21	18EJCCS075	ISHITA TIWARI	84.74	B
22	18EJCCS120	POORVI AGARWAL	84.58	B
23	18EJCCS122	PRACHI MUTHA	84.24	B
24	18EJCCS100	MUDIT AGRAWAL	83.6	B
25	18EJCCS104	NALIN GOYAL	83.44	B
26	18EJCCS103	MUSKAN MAHESHWARI	83.32	B
27	18EJCCS088	KRISH MANTRI	83.32	B
28	18EJCCS112	NISHKARSH SHARMA	82.94	B
29	18EJCCS134	RAJAT PANDEY	82.14	B
30	18EJCCS093	MANAN SHARMA	81.8	B
31	18EJCCS089	KUNIKA MATOLIYA	81.48	B
32	18EJCCS108	NAVEEN SINGHAL	80.96	B
33	18EJCCS116	NITIN MATHUR	80.4	B
34	18EJCCS127	PUNISH AGARWAL	79.66	C
35	18EJCCS128	PUSHPENDRA SINGH GURJAR	79.52	C
36	18EJCCS083	KARTIK JOSHI	79.3	C
37	18EJCCS094	MANIK GUPTA	79.2	C
38	18EJCCS114	NITIN KHANDELWAL	79.16	C
39	18EJCCS121	PRACHEER KHANDELWAL	79.06	C
40	18EJCCS118	PANKAJ SAINI	79.04	C
41	18EJCCS078	JYOTI AGARWAL	79.02	C
42	18EJCCS131	RAHUL MUNDRA	78.56	C
43	18EJCCS099	MOHIT SHARMA	78.26	C
44	18EJCCS101	MUKUND MALOO	78.22	C
45	18EJCCS129	RADHIKA KANSAL	77.94	C
46	18EJCCS105	NAMAN JAIN	77.28	C
47	18EJCCS115	NITIN KUMAR SAHU	77.16	C
48	18EJCCS076	JALESH KHATRI	76.84	C
49	18EJCCS138	RISHABH AGRAWAL	76.76	D
50	18EJCCS087	KRATIK KHANDELWAL	76.5	D
51	18EJCCS126	PUNEET BHARGAVA	76.44	D
52	18EJCCS098	MOHAMMAD AASIF MALIK	75.024	D
53	18EJCCS110	NIKHIL GARG	74.72	D
54	18EJCCS125	PULKIT AGARWAL	74.68	D
55	18EJCCS091	LOKESH MUNDRA	74.488	D
56	18EJCCS130	RAHUL JAIN	74.02	D
57	18EJCCS092	MAITRI BANSAL	73.38	D
58	18EJCCS136	RAUNAK KUMAR	73.24	D
59	18EJCCS073	ISHAN KAPOOR	72.76	D
60	18EJCCS090	LAKSHYA SHARMA	72.14	D
61	18EJCCS124	PRIYANSHU KUMAR	68.6	D
62	18EJCCS133	RAJAT BANSAL	64.14	D

63	18EJCCS106	NAMAN JOSHI	60.08	D
64	18EJCCS081	KANISHK PARTH YADAV	58.04	D
65	18EJCCS135	RAJAT PATHAK	53.92	D

JAIPUR ENGINEERING COLLEGE & RESEARCH CENTRE, JAIPUR				
Department of Computer Science & Engineering				
B.Tech VII Semester (Section C)				
Roll.No	University Roll No.	Name of Students	Percentage: B.Tech Agg.	Group
1	18EJCCS148	SAMRIDHI JAIN	94.12	A
2	18EJCCS137	RIDDHI JAIN	93.26	A
3	18EJCCS141	RIYA DHAKED	92.78	A
4	18EJCCS305	PAVINI GARG	91.68	A
5	18EJCCS172	TANISHA AGRAWAL	90.06	A
6	18EJCCS140	RITIKA AGARWAL	89.94	A
7	18EJCCS142	RIYA KHANDELWAL	88.84	A
8	18EJCCS301	MANISH KUMAR	88.28	A
9	18EJCCS160	SHRUTI AGARWAL	87.88	A
10	18EJCCS302	AANCHAL BANSAL	87.8	A
11	18EJCCS184	VARSHA KESNANI	87.6	A
12	18EJCCS155	SHASHWAT JAIN	87.12	A
13	19EJCCS203	LAKSHITA SHARMA	86.06	A
14	18EJCCS161	SHRUTI JAIN	85.72	A
15	18EJCCS154	SHALU JANGID	85.3	A
16	18EJCCS162	SHUBH GUPTA	85.24	A
17	18EJCCS304	MRIDUL MITTAL	84.98	B
18	18EJCCS189	VIPUL GOYAL	83.7	B
19	18EJCCS158	SHOAIB KHAN	82.88	B
20	18EJCCS175	TILAK VIJAYVARGIYA	82.72	B
21	18EJCCS181	VAIBHAV SHARMA	82.62	B
22	18EJCCS303	VINIT JAIN	82.44	B
23	18EJCCS190	VISHAL KUMAR	82.38	B
24	18EJCCS153	SARTHAK JAIN	82.02	B
25	18EJCCS166	SHUBHAM GUPTA	81.34	B
26	18EJCCS178	VAIBHAV AGARWAL	81.2	B
27	18EJCCS177	TUSHAR SHARMA	81.18	B
28	18EJCCS194	YASHIKA KHANDELWAL	81.06	B
29	18EJCCS185	VARTIKA AGRAWAL	80.94	B
30	18EJCCS167	SHUBHAM JAIN	80.68	B
31	18EJCCS173	TANISHQ GUPTA	78.98	B
32	18EJCCS147	SAKSHYA GARG	78.9	B
33	18EJCCS186	VILSI JAIN	78.66	C
34	18EJCCS145	RONAK JAIN	78.5	C
35	18EJCCS159	SHREYA JAIN	78.04	C
36	19EJCCS200	ADITYA BHARDWAJ	77	C
37	18EJCCS176	TUSHAR JAIN	76.96	C
38	18EJCCS151	SANYAM JAIN	76.48	C

39	18EJCCS187	VINAY SARAF	76.16	C
40	19EJCCS202	DAKSH JANGID	76.1	C
41	18EJCCS144	ROHIT JOSEPH	75.64	C
42	18EJCCS192	YASH SHARMA	75.52	C
43	18EJCCS139	RISHABH JAIN	75.4	C
44	18EJCCS143	ROHAN DHAR	75.1	C
45	18EJCCS163	SHUBHAM AGARWAL	74.98	C
46	18EJCCS152	SARTHAK BAGHERWAL	73.94	C
47	18EJCCS149	SAMYAK JAIN	73.08	C
48	18EJCCS174	TANMAY SHARMA	72.6	C
49	18EJCCS171	SURAJ BANSAL	72.32	C
50	18EJCCS182	VANSH KALRA	72.02	D
51	18EJCCS188	VINAY SHARMA	71.84	D
52	18EJCCS180	VAIBHAV MATHUR	71	D
53	18EJCCS300	ISHIKA NAGAR	70.1	D
54	18EJCCS179	VAIBHAV JAIN	69.68	D
55	18EJCCS164	SHUBHAM BHARGAVA	69.5	D
56	18EJCCS169	SONU KUMAR JHA	69.44	D
57	19EJCCS201	ASHUTOSH BHATNAGAR	69.2	D
58	18EJCCS150	SANDEEP SHARMA	66.68	D
59	19EJCCS204	NISCHAY KUMAR JAIN	62.1	D
60	18EJCCS157	SHOAIB KHAN	59.42	D
61	18EJCCS168	SIDDHARTH LODHA	59.32	D
62	18EJCCS146	SAHIL KHAN	54.8	D
63	18EJCCS156	SHEEZAN AHMAD WANI		D
64	18EJCCS170	SUMIT NITHARWAL		D
65	18EJCCS191	YASH PAREEK		D
66	18EJCCS193	YASH TANDON		D

JAIPUR ENGINEERING COLLEGE & RESEARCH CENTRE, JAIPUR				
Department of Computer Science & Engineering				
B.Tech VII Semester (Section D)				
Roll.No	University Roll No.	Name of Students	Percentage: B.Tech Agg.	Group
1	18EJCCS705	AGAM JAIN	90.18	A
2	18EJCCS708	AMIT AGARWAL	89.82	A
3	18EJCCS734	NISHTHA MAHESHWARI	89.7	A
4	18EJCCS755	TAMANNA MAHNOT	89.14	A
5	18EJCCS733	MEHUL KULSHRESTHA	87.9	A
6	18EJCCS752	SIDDHARTH KAVADIA	87.88	A
7	18EJCCS743	RAVI JANGID	85.32	A
8	18EJCCS742	PUNEET GOYAL	85.16	A
9	18EJCCS735	NITISH SONI	85.14	A
10	18EJCCS715	ARNAV NAGAYECH	84.68	A
11	18EJCCS726	KANIKA KUMAWAT	83.96	A
12	18EJCCS722	DEVENDRA SHARMA	83.4	A
13	18EJCCS750	SHUBHAM BHARDWAJ	83.12	A

14	18EJCCS704	ABHISHEK SAHU	82.34	A
15	18EJCCS707	AKSHAT KHANDELWAL	82.26	B
16	18EJCCS728	KARTIK BHATIA	82.08	B
17	18EJCCS706	AKASH SINGH	82.06	B
18	18EJCCS740	PRATHAM PAREEK	81.92	B
19	18EJCCS731	MANTHAN GOUR	81.66	B
20	18EJCCS721	CHIRAG NAGAR	81.48	B
21	18EJCCS732	MAYANK SHARMA	81.12	B
22	18EJCCS702	AAYUSH TIWARI	81.08	B
23	18EJCCS753	SIDDHARTH SINGHVI	80.52	B
24	18EJCCS711	ANKIT SINGHAL	80.48	B
25	18EJCCS736	PARAG DUTT SHARMA	80.46	B
26	18EJCCS710	ANANY GARG	80.38	B
27	18EJCCS714	ANUJ KHANDELWAL	79.8	B
28	18EJCCS730	MANAN GUPTA	79.66	B
29	18EJCCS703	ABHISHEK DUDHANI	79.26	C
30	18EJCCS718	AVINASH SHRANGEE	79	C
31	18EJCCS727	KARAN KHANDELWAL	78.78	C
32	18EJCCS738	PRABHDEEP SINGH	77.82	C
33	18EJCCS725	JAYDEEP PAREEK	77.46	C
34	18EJCCS748	SARANSH PAREEK	77.02	C
35	18EJCCS746	ROUNAK GARG	76.78	C
36	18EJCCS744	RITIK CHOPRA	76.62	C
37	18EJCCS758	YASH SHARMA	75.54	C
38	18EJCCS709	AMIT GUPTA	74.56	C
39	18EJCCS739	PRAGYA VITTHAL	74.46	C
40	18EJCCS754	SPARSH KHANDELWAL	73.68	C
41	18EJCCS717	ATUL SINGH YADAV	73.6	C
42	18EJCCS724	ISHWAR SINGH SHEKHAWAT	73	C
43	18EJCCS741	PRYAS JAIN	71.84	D
44	18EJCCS757	YASH LATH	71.76	D
45	18EJCCS747	SANCHIT GUPTA	71.18	D
46	18EJCCS719	CHARCHIT NIRAYANWAL	69.7	D
47	18EJCCS729	KRITIK YADAV	67.88	D
48	18EJCCS701	AARZOO SALUJA	67.16	D
49	18EJCCS720	CHARIL AMBEY SAINI	67.06	D
50	18EJCCS737	PARTH SHARMA	61.98	D
51	18EJCCS745	RITIK SALUJA	60	D
52	18EJCCS716	ASHUTOSH VYAS	59.64	D
53	18EJCCS712	ANMOL RANJAN	57.6	D
54	18EJCCS749	SHIVANSH DEEDWANIYA	54.6	D
55	18EJCCS713	ANSHUL SINGH SISODIA	49.5	D
56	18EJCCS756	VEDANSH MATOLIYA	45.14	D
57	18EJCCS751	SHYAM SUNDER GARG		D

Table 6.4e: Group Categorization

Sample of Faculty Specialization/Interest Areas (2021-22):

JAIPUR ENGINEERING COLLEGE & RESEARCH CENTRE					
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING					
FACULY SPECIALIZATION AREAS, SESSION 2021-22					
S. No	Name	Area 1	Area 2	Area 3	Area 4
S. No	Name	Area 1	Area 2	Area 3	Area 4
1	Dr Sanjay Gour	Data Mining	Data Science and Analytics	Machine Learning	Digital Marketing
2	Dr Vijeta Kumawat	Cloud Computing	Machine Learning	Artificial Intelligence	Internet of Things
3	Mr Amit Mithal	Data mining	RPA	Blockchain	Machine learning
4	Mr Abhishek Dixit	Machine learning	RPA		
5	Mr Kanishk Jain	Software Project Management	Web Development	Data Science	Cloud Computing
6	Mr Ashish Ameria	Image Processing	Security	Data Science	Cloud Computing
7	Mr Rajan Jha	Image Processing	Cyber Security	web development	Machine Learning and Data Analytics
8	Mr Sachin Gupta	Image Processing	Web Development	Data Science	Cloud Computing
9	Ms Anima Sharma	Machine Learning and Data Analytics	Data Science	Web Development	
10	Ms Richa Sharma	Machine Learning and Data Analytics	Data Science	Web Development	
11	Ms Priyanka Mitra	Machine Learning	Data Science or Analytics	Image Processing	Network on chip
12	Ms Uma Maheswari	machine learning	data science or Analytics	web development	block chain
13	Ms Geerija Lavania	machine learning	cloud computing	networking	web development
14	Mr Abhishek Jain	Cloud computing	knowledge Engineering		
15	Mr Pradeep Kr Sharma	Cloud computing	Cyber Security	operating system/Embedded	Internet of Things
16	Ms Tanya Shruti	NLP	Cloud computing	Machine Learning and Data Analytics	Cyber Security
17	Ms Suniti Chouhan	Machine Learning and Data Analytics	Blockchain	Cloud computing	Security and Privacy
18	Ms Garima Garg	cyber security	internet of things	machine learning	blockchain
19	Ms Sweety Singhal	Machine Learning and data analytics	Cyber Security	Data Science	Blockchain
20	Ms Neha Solanki	Cloud computing	Cyber Security	Machine Learning and Data Analytics	Image Processing

21	Ms.Punita Panwar	Web development	machine learning	software project management	Artificial intelligence
22	Ms. Priya Jyotiya	Image processing	web development	software project management	
23	Mr Neeraj Prakash	Soft Computing	SPM	Cloud Technology	Fault Tolerance
24	Ms. Sheetal Vijyavargiya	Data Mining	Cyber Security	web development	Blockchain
25	Ms. Aastha Joshi	Machine Learning	Cloud Technology	web development	Optimisation
26	Mr. Rahul Panwar	SPM	Cloud Technology	Cloud computing	Cyber Security
27	Ms. Saumya Agarwal	Machine Learning Data Analytics	web development	Cyber Security	Cryptography
20	Ms Avani Sharma	Internet of Things	Security and Privacy	Blockchain	Machine Learning and Data Analytics
21	Ms Garima Garg	cyber security	internet of things	machine learning	blockchain
22	Ms Sweety Singhal	Machine Learning and data analytics	Cyber Security	Data Science	Blockchain
23	Ms Neha Solanki	Cloud computing	Cyber Security	Machine Learning and Data Analytics	Image Processing
24	Ms.Punita Panwar	Web development	machine learning	software project management	Artificial intelligence
25	Ms. Priya Jyotiya	Image processing	web development	software project management	
26	Ms. Archana Gupta	Big Data	Artificial Intelligence	cyber security	Image Processing
27	Mr Neeraj Prakash	Soft Computing	SPM	Cloud Technology	Fault Tolerance
28	Mr. Anoop Kr Mehta	Social Network Analysis	Machine Learning	Image Processing	Data Science
29	Ms. Pratibha Sharma	Machine Learning	Deep Learning	Image Processing	Data Science or Analytics

Table 6.4f: Faculty Specialization/Interest Areas

Department of Computer Science & Engineering					
Session/Semester: 2021-22/VII					
Project Topic Selection					
Team ID	University Roll No	Name of First Member of Team	Guide Name	Topic Name	PSO Mapped

A-1	18EJCCS023	ARYA KHANDELWAL	Ms. Richa Sharma	Desktop App for online OPD appointment & Hospital Information System	PSO2
A-2	18EJCCS028	ASHISH MAHESHWARI		Interview Analyser using ML	PSO2
A-3	18EJCCS035	BHAVIKA JAIN		Developing a Content Management System (CMS) based website for Andaman College ANCOL	PSO2
A-4	18EJCCS018	ANURAG SHARMA	Mr. Amit Mithal	Sentiment Analysis from Text Feedback	PSO2
A-5	18EJCCS072	ISHA SHARMA		Virtual Vision	PSO1, PSO2
A-6	18EJCCS067	HIMANSHI KABRA		Platform Independent Diabetes Prediction Model	PSO2
A-7	18EJCCS036	BHAVIKA MITTAL	Mr Rajan Jha	Automated Pipeline to build and deploy any Web App over AWS Cloud	PSO2
A-8	18EJCCS033	AYUSHI SINGHAL		Titanic Survival Prediction Using Machine Learning	PSO1,PSO2
A-9	18EJCCS037	BHUMIKA JAIN		Website for online OPD appointment & Hospital Information System	PSO1,PSO2
A-10	18EJCCS064	HARSHITA AGARWAL	Ms Uma Maheswari	Sentiment Analysis using ML	PSO1,PSO2
A-11	18EJCCS041	DANNY GUPTA		Jobify	PSO1
A-12	18EJCCS030	ATUL SISODIYA		Emotify-Emotional Intelligence based Music Player	PSO1
A-13	18EJCCS022	ARPITA AGARWAL	Ms Suniti Chouhan	Health Consulting Platform	PSO2
A-14	18EJCCS002	AAYUSHI BAHUKHANDI		Pin on- A social media platform for news seekers (Mobile App)	PSO2
A-15	18EJCCS043	DEEPANKAR RAJ		Meetup Platform	PSO1,PSO2
A-16	18EJCCS047	DEV KUMAR SHARMA	Mr Abhishek Dixit	Machine bearing based sport and education sponsorship portal	PSO1
A-17	18EJCCS029	ASIF KHAN		Car number plate detection model using Python	PSO2
B-1	18EJCCS113	NISHTHA GARG	Mr Abhishek Dixit	Image segmentation using Machine Learning	PSO1
B-2	18EJCCS086	KRATI MITRA	Ms Somya Agrawal	Automatic License plate detection (ML&DL)	PSO1,PSO2
B-3	18EJCCS096	MEERA AGRAWAL		Sentiment Analysis (ML)	PSO1,PSO2
B-4	18EJCCS096	KANCHAN JESWANI		College management web application (Web Development)	PSO2
B-5	18EJCCS080	JAYANA SOLANKI	Mr Ashish Ameria	Emotion detection using face recognition	PSO1
B-6	18EJCCS077	NANDINI SINGH		Data analysis and visualization of Cabs(ML)	PSO1
B-7	18EJCCS107	MEENAL AGARWAL		Payroll Management System	PSO2

B-8	18EJCCS095	NUPUR SOGANI		Careerify: Career Option Guide Website	PSO2
B-9	18EJCCS117	NIKHIL GUPTA		Automatic License Number Plate Recognition using Deep Learning	PSO1
B-10	18EJCCS111	RAHUL SOLANKI	Ms Priyanka Mitra	Dog and Cat classification using Deep Learning	PSO1
B-11	18EJCCS132	MUSKAN BHALAWAT		Services at your doorstep website	PSO2
B-12	18EJCCS102	NEHA PRAJAPATI		Face recognition using Python	PSO1
B-13	18EJCCS109	HARSHITA CHAUDHARY	Mr Kanishk Jain	code compiler chat draw	PSO2
B-14	18EJCCS065	KAPIL GARG		Covid-19 Fund Raising Website	PSO-2
B-15	18EJCCS082	ISHITA JAIN		Coongle App	PSO-2
B-16	18EJCCS074	KHUSHI SINGHAL	Ms Tanya Shruti	Ecommerce website using php and mysql	PSO-2
B-17	18EJCCS088	KRISH MANTRI	Ms Sweety Singhal	web development	PSO-2
C-1	18EJCCS148	SAMRIDHI JAIN	Ms Sweety Singhal	Attendance Automator	PSO-2
C-2	18EJCCS137	RIDDHI JAIN		Agro Med	PSO-2
C-3	18EJCCS141	RIYA DHAKED		Rest Countries API with Color theme Switcher	PSO2
C-4	18EJCCS305	PAVINI GARG		Handwritten Digit Recognition	PSO2
C-5	18EJCCS172	TANISHA AGRAWAL	Mr Sachin Gupta	Music app using flutter	PSO2
C-6	18EJCCS140	RITIKA AGARWAL		Blood requirement datastore	PSO-2
C-7	18EJCCS142	RIYA KHANDELWAL		Blogging Website Using Django	PSO-2
C-8	18EJCCS301	MANISH KUMAR	Ms Geerija Lavania	Face Recognition attendance system	PSO-2
C-9	18EJCCS160	SHRUTI AGARWAL		Crypto currency and Analysis	PSO1
C-10	18EJCCS302	AANCHAL BANSAL		fire detection using yolo	PSO1
C-11	18EJCCS184	VARSHA KESNANI	Ms. Sheetal Vijyavargiya	sentimental analysis using NLP	PSO-2
C-12	19EJCCS203	LAKSHITA SHARMA		Image Forgery Detection using XAI	PSO-2
C-13	18EJCCS161	SHRUTI JAIN	Mr Neeraj Prakash	E-Commerce Webapp using MERN Stack	PSO2
C-14	18EJCCS154	SHALU JANGID		Building A Chat App using AWS	PSO2
C-15	18EJCCS162	SHUBH GUPTA		sentimental analysis using NLP	PSO1
C-16	18EJCCS171	SURAJ BANSAL			PSO1
C-17	18EJCCS166	SHUBHAM GUPTA	Ms.Punita Panwar	Criminal Detection System using Machine Learning and cloud	PSO1
C-18	18EJCCS178	VAIBHAV AGARWAL	Ms. Priya Jyotiya	Social Distancing Detection using Deep Learning	PSO 1
C-19	18EJCCS163	SHUBHAM		Face Mask Detection using	PSO 1

		AGARWAL		Machine learning and deep learning	
C-20	18EJCCS189	Vipul Goyal	Ms Neha Solanki	online pet store	PSO2
D-1	18EJCCS705	AGAM JAIN	Ms Neha Solanki	PDF Tools	PSO2
D-2	18EJCCS708	AAYUSH TIWARI		News Application	PSO2
D-3	18EJCCS734	NISHTHA MAHESHWARI	Mr Pradeep Kr Sharma	Suggestion management app using Salesforce	PSO2
D-4	18EJCCS755	TAMANNA MAHNOT		AI Solutions and Image Analysis	PSO1
D-5	18EJCCS733	MEHUL KULSHRESTHA		Real time Face recognition using Deep Learning	PSO1
D-6	18EJCCS752	SIDDHARTH KAVADIA	Mr Abhishek Jain	Web-based Farm Products Cost Prediction	PSO2
D-7	18EJCCS743	RAVI JANGID		Credit card fraud detection	PSO2
D-8	18EJCCS742	PUNEET GOYAL		CO2 Emissions	PSO 1, PSO2
D-9	18EJCCS735	NITISH SONI	Ms Garima Garg	virtual police station to receive fir and victim verification through aadhar card	PSO 1, PSO2
D-10	18EJCCS715	ARNAV NAGAYECH		Automate MLops Workflow	PSO2
D-11	18EJCCS726	KANIKA KUMAWAT	Dr Sanjay Gour	Advance E-Business Portal : A Clone of Amazon using react	PSO2
D-12	18EJCCS722	DEVENDRA SHARMA		Customer Relationship Management Portal using Salesforce	PSO2
D-13	18EJCCS750	SHUBHAM BHARDWAJ	Dr Vijeta Kumawat	Big Data MultiNode Cluster Configuration using Ansible Automation	PSO1
D-14	18EJCCS704	ABHISHEK SAHU		Alumnus Management System	PSO2
D-15	18EJCCS754	SPARSH KHANDELWAL		Women Safety App	PSO2

Table 6.4g: Project Allotment

Project Evaluation Process:

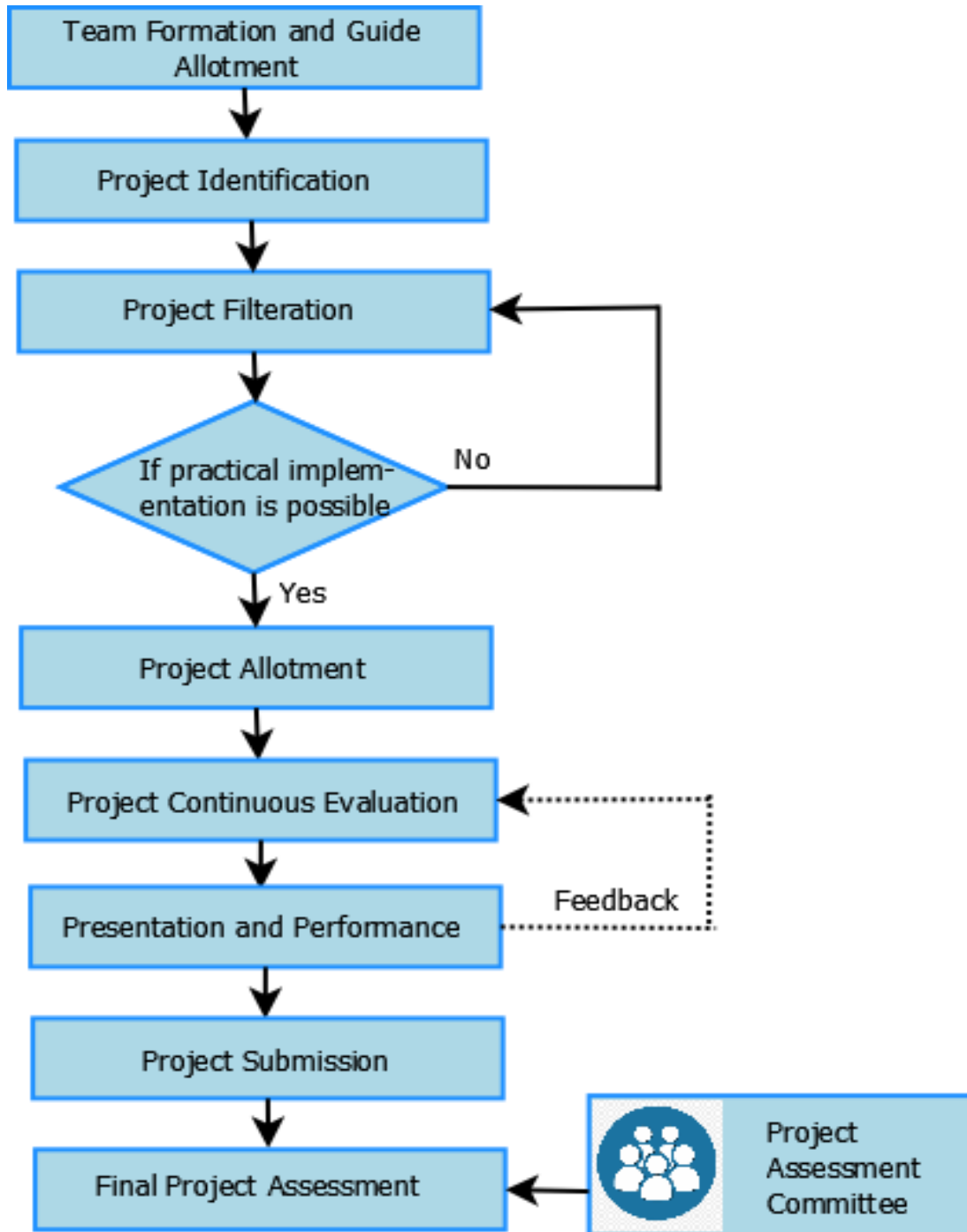


Figure 6.4b: Project Evaluation Process

1. Project Identification

- Project coordinator issues a circular at the end of 6th semester to all faculty members to provide their area of interest and the list of five projects to be given to the students.
- Students are also encouraged to submit the idea by brainstorming their interest area with corresponding faculty's Specialization/Interest area for doing the project.
- Each group of students decides the project guide according to their area of interest.
- Students are encouraged for the project mapped with CO's specified for the project and based on departmental PSO's.
- Students are encouraged for the project to solve the problems available on various government websites.
- Students are encouraged for the project to solve the problems available through SIH.
- Students are also encouraged to submit the idea based on contemporary and cutting-edge issues.
- Students are also encouraged to submit the idea based on gap identified.
- Final list of projects has been made and display on notice board.

2. Project Filtration & Allotment

- Each team or group of students discusses their own project idea with their guide.
- If the project idea submitted by the student/ group of students fulfills the basic requirements, then it will be allotted to that student/ group of students.
- If it does not fulfill the basic requirements, then a new project idea is allotted to that student/group of students.
- Project Assessment Committee finalizes the allotted project to student/ group of students.

3. Project Continuous Evaluation

- After completion of the project allotment process projects are assessed as per continuous evaluation.
- Project coordinator displays the deadline on notice board for the progress report presentations and final submission of the project report.
- Each group has to submit weekly progress report to the respective guide.
- Each team show their project demonstration followed by viva-voice in front of guide, then guide review the progress and gives suggestions.
- Each student/group of students (maximum 2) have to submit research paper on their project domain and also presented in the National/International conferences.
- A separate evaluation of presentation in conference is assessed by 50 marks.

4. Procedure of Project Evaluation

- A presentation followed by viva voce is also carried out at the end of semester in front of the external examiner and other students.
- Each group of students has to submit a report of their work along with the role of each team member.
- The project exhibition is carried out at the end of semester. Student/group of students demonstrated the project in front of external examiner and other students.
- Final Assessment of the project and marks finalization is done by the project assessment team along with external examiner and respective guide
- The procedure of project work is given in Table B 2.2.3h. The project marks bifurcation and distribution is presented in Table B.2.2.3i and TableB.2.2.3j respectively.

Subject Code	Semester	Nature of Work	Assessment
Project 8CS7-0	VIII	New Project idea or extension of Minor Project	Problem Definition
		Project Implementation	Progress Presentation
		Project Competition, Testing	Project Demonstration
		Teamwork Assessment	Project Report & Demonstration
		University Viva	Project Report

Table 6.4h: Project Evaluation Process

Scheme for the Project Evaluation

The project assessment committee has decided the project marks bifurcation as the following format:

Internal		External (140)	Total (350)
Continuous Evaluation (160)	Conference Paper (50)		

Table 6.4i: Project Marks Bifurcation

1. Project Coordinator finalizes the evaluation criteria in a meeting with other members of project committee and send following formats to all the Project Guides through the CC:
 - a. Guide’s Continuous Evaluation sheet (Internal Assessment)
 - b. Final Evaluation Sheet (External Assessment)

2. Marks Distribution:

A.

Weekly Progress	Continuous Evaluation (160)	Evaluated by: Project Guide
Week 1	Brainstorming and Project Proposal	5 Marks
	Progress Presentation & Viva	15 Marks
Week 2	Synopsis Submission	20 Marks
Week 3, 4, 5, 6, 7	Progress Presentation and Execution	100 Marks
Week 8	Project Report	20 Marks

B.

External Evaluation (140)	Evaluated by: External Examiner
Presentation	50 Marks
External Viva	50 Marks
Report	40 Marks

C.

Conference Paper (50)	Evaluated by: Conference Technical Committee
Presentation	15 Marks
Objectives/Finding and Results	10 Marks
Innovative/Existing	15 Marks
Q&A	10 Marks

Table 6.4j: Project Marks Distribution

3. All Project Guides submit the signed list of marks (of their project team) to the respective CC.
4. All CCs will send the final data to the Project Coordinator. Project Coordinator will prepare the consolidated list of marks and get it signed by all the CCs.

Sample of continuous Evaluation:

JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE, TONK ROAD JAIPUR														
Department of Computer Science & Engineering														
Major Project: Final Year-8CSC														
S. No.	Name of Student	Project Guide	Week 1			Week 2		Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Total Marks
			Brainstroming & Title Finalization	Presenta tion	Viva	Synopsis Submission	Viva	Progress Presentation 1	Progress Presentation 2	Execusion Status	Progress Presentation 3	Progress Presentation 4	Report/ Demonstration	
			5	10	5	15	5	20	20	20	20	20	20	160
1	Rajeev Parui	Uma Maheshwari	5	10	4	15	4	18	18	18	19	19	19	149
2	Raunak Sarada		5	10	4	15	4	18	18	18	19	18	19	148
3	Sahil Subhnani		5	10	4	15	4	18	18	18	18	18	18	146
4	Sourabh Kumar Rai		5	10	4	15	4	18	18	18	19	18	18	147
5	Chinmay Jain		5	10	4	15	4	17	17	18	17	17	18	142
6	Rupesh Kumar Singh		5	10	4	15	4	17	17	18	17	17	18	142
7	Shivam Agarwal		5	10	4	15	4	17	17	17	17	17	17	140
8	Vaibhav jain		5	10	4	15	4	17	17	18	17	17	18	142
9	Tushar Hada	Abhishek Dixit	4	7	4	12	4	15	14	16	15	16	17	124
10	Ujjwal Goyal		4	8	4	12	4	16	15	15	16	15	17	126
11	SHUBHAM AGARWAL		1	4	1	8	2	12	11	13	12	13	0	77
12	Sumit Gupta		4	7	3	11	3	14	15	14	15	16	16	118
13	Tanishk Bagra		3	7	4	12	4	15	13	15	16	15	14	118
14	Yash Yadav		4	8	4	12	4	15	14	16	15	16	17	125
15	National Menaria		4	8	3	11	4	13	14	15	16	14	12	114
16	SPARSH JAIN	Rajan Jha	4	8	4	13	4	14	17	16	16	14	15	125
17	RIYA GOYAL		3.5	7.5	3	12	3	12	15	14	15	13	14	112
18	TANU PRIYA		4	7	3	11	3	13	14	14	14	13	14	110
19	RISHABH AGRAWAL		3	6	2	11	3	12	14	13	14	13	13	104
20	PRIYANSHI RAJORIYA		4	8	4	13	4	17	16	15	16	15	16	128
21	VINAY GUPTA		3	6	3	13	3	16	16	14	15	14	15	118
22	SATYAM SAHAY		3.5	7.5	3	12	3	16	16	15	14	14	14	118
23	RAJANI SHARMA		4	8	4	13	4	17	16	15	15	14	15	125
24	JAHANVI SINGH		3	6	3	13	3	16	15	13	14	13	13	112
25	SARTHAK KAHALIYA		3.5	7.5	3	13	4	17	15	14	15	14	14	120
26	MOHANI BHARADWAJ		3	7	2	13	3	16	14	14	13	13	13	111

Table 6.4k: Project Continuous Evaluation

Department of Computer Science & Engineering									
Session/Semester: 2021-22/VII									
FINAL PROJECT GROUP ALLOTMENT									
Team Id	University Roll No	Full Name	University Roll No	Full Name	University Roll No	Full Name	University Roll No	Full Name	Guide Name
A-1	18EJCCS023	Arya Khandelwal	18EJCCS013	Amit Agarwal	18EJCCS045	Deepesh Kumar Dhaker	18EJCCS009	Akshita Jain	Ms. Richa Sharma
A-2	18EJCCS028	Ashish Maheshwari	18EJCCS032	Ayush Jain	18EJCCS051	Disha Jain	18EJCCS027	Ashish Kochar	
A-3	18EJCCS035	Bhavika Jain	18EJCCS020	Arin Mangal	18EJCCS042	Deepak Arora	18EJCCS036	Bhavika Mittal	
A-4	18EJCCS018	Anurag Sharma	18EJCCS010	Aman Chaurasia	18EJCCS056	Gaurav Sahu	18EJCCS008	Aditya Soni	Mr. Amit Mithal
A-5	18EJCCS072	Isha Sharma	18EJCCS024	Aryan Khandelwal	18EJCCS068	Himanshu Gupta	18EJCCS003	Abhishek Rathore	
A-6	18EJCCS067	Himanshi Kabra	18EJCCS060	Harasis Singh	18EJCCS060	Harsh Vardhan	18EJCCS006	Aditya Sharma	
A-7	18EJCCS036	Bhavika Mittal	-	-	18EJCCS021	Arpit Jain	18EJCCS016	Anuj Kumar	Mr

								Singhal	Rajan Jha
A-8	18EJCCS033	Ayushi Singhal	18EJCCS004	Aditi Birla	18EJCCS005	Aditya Birla	18EJCCS017	Anuj Mishra	
A-9	18EJCCS037	Bhumika Jain	18EJCCS062	Aastha Agarwal	18EJCCS055	Garvit Malpani	18EJCCS044	Deepansh Gupta	
A-10	18EJCCS064	Harshita Agarwal	18EJCCS059	Happy Khandelwal	18EJCCS062	Harsh Verma	18EJCCS063	Harshit Sharma	
A-11	18EJCCS041	Danny Gupta	18EJCCS031	Avinash Soni	18EJCCS039	Chirag Asawa	18EJCCS004	Bhanesh Kumar Palliwal	Ms Uma Maheswari
A-12	18EJCCS030	Atul Sisodiya	18EJCCS007	Aditya Sharma	18EJCCS071	Indrajeet Singh Shekhawat	18EJCCS026	Aryan Sharma	
A-13	18EJCCS022	Arpita Agarwal	18EJCCS054	Garvit Khandelwal	18EJCCS050	Dhruv Laddha	18EJCCS012	Aman Saxena	
A-14	18EJCCS002	Aayushi bahukhandi	18EJCCS015	Anuj jain	18EJCCS052	Divyansh kumar jangir	18EJCCS066	Herit shah	Ms Suniti Chouhan
A-15	18EJCCS043	Deepankar raj	18EJCCS069	Himanshu kumar singh	18EJCCS011	Aman jain	18EJCCS014	Ankit kumar	
A-16	18EJCCS047	Dev kumar sharma	18EJCCS049	Dharamvatsal singh chouhan	18EJCCS070	Hiten sambhwani	18EJCCS053	Farhan ali	
A-17	-	-	18EJCCS029	Asif khan	18EJCCS058	Girish yadav	18EJCCS057	Gaurav singh shekhawat	Mr Abhishek Dixit
B-1	18EJCCS113	Nishtha garg	18EJCCS101	Mukund maloo	18EJCCS123	Prashant malav	18EJCCS087	Kratik khandelwal	Mr Abhishek Dixit
B-2	18EJCCS086	Krati mitra	18EJCCS119	Pawan kr baldewa	18EJCCS083	Kartik joshi			
B-3	18EJCCS096	Meera agrawal	18EJCCS108	Naveen singhal	18EJCCS114	Nitin khandelwal	18EJCCS130	Rahul jain	Ms Anima Sharma
B-4	18EJCCS096	Kanchan jeswani	18EJCCS104	Nalin goyal	18EJCCS128	Pushpendra singh gurjar	18EJCCS126	Puneet bhargava	
B-5	18EJCCS080	Jayana solanki	18EJCCS116	Mohit sharma	18EJCCS138	Rishbah agrawal	18EJCCS089	Kunika matoliya	
B-6	18EJCCS077	Nandini singh	18EJCCS100	Mudit agrawal	18EJCCS131	Rahul mundra	18EJCCS110	Nikhil garg	Mr Ashish Ameria
B-7	18EJCCS107	Meenal agarwal	18EJCCS103	Muskan maheshwari	18EJCCS127	Punish agarwal	18EJCCS090	Lakshya sharma	
B-8	18EJCCS095	Nupur sogani	18EJCCS097	Mehul jain	18EJCCS105	Naman jain	18EJCCS073	Ishan Kapoor	
B-9	18EJCCS117	Nikhil gupta	18EJCCS112	Nishkarsh sharma	18EJCCS078	Jyoti agarwal	18EJCCS136	Raunak kumar	Ms Priyanka Mitra
B-10	18EJCCS111	Rahul solanki	18EJCCS134	Rajat pandey	18EJCCS133	Rajat bansal	18EJCCS135	Rajat pathak	
B-11	18EJCCS132	Muskan bhalawat	18EJCCS079	Jyoti singhal	18EJCCS076	Jalesh khatri	18EJCCS106	Naman joshi	
B-12	18EJCCS102	Neha prajapati	18EJCCS120	Poorvi agarwal	18EJCCS115	Nitin kumar sahu	18EJCCS098	Mohammad aasif malik	Mr Kanishk Jain
B-13	18EJCCS109	Harshita chaudhary			18EJCCS121	Pracheer khandelwal	18EJCCS125	Pulkit agarwal	
B-14	18EJCCS	Kapil garg	18EJCCS0	Manan	18EJCCS1	Nitin mathur	18EJCCS0	Lokesh	Ms

	065		93	sharma	16		91	mundra	Tanya Shruti
B-15	18EJCCS082	Ishita jain	18EJCCS122	Prachi mutha	18EJCCS118	Pankaj saini	18EJCCS124	Priyanshu kumar	
B-16	18EJCCS074	Khushi singhal	18EJCCS075	Ishita tiwari	18EJCCS094	Manik gupta	18EJCCS092	Maitri bansal	
B-17			18EJCCS088	Krish mantri	18EJCCS129	Radhika kansal	18EJCCS081	Kanishk parth yadav	
C-1	18EJCCS148	Samridhi jain	18EJCCS155	Shashwat jain	18EJCCS149	Samyak jain	18EJCCS150	Sandeep sharma	Ms
C-2	18EJCCS137	Riddhi jain	18EJCCS153	Sarthak jain	18EJCCS186	Vilsj jain	18EJCCS188	Vinay sharma	Sweetly Singhal
C-3	18EJCCS141	Riya dhaked	18EJCCS173	Tanishq gupta	18EJCCS149	Sanyam jain	18EJCCS300	Ishika nagar	
C-4	18EJCCS305	Pavini garg	18EJCCS304	Mridul mittal	18EJCCS192	Yash sharma	18EJCCS159	Shreya jain	Mr
C-5	18EJCCS172	Tanisha agrawal			18EJCCS145	Ronak jain	18EJCCS180	Vaibhav mathur	Sachin Gupta
C-6	18EJCCS140	Ritika agarwal	18EJCCS158	Shoaib khan	18EJCCS139	Rishabh jain	18EJCCS182	Vansh kalra	
C-7	18EJCCS142	Riya khandelwal	18EJCCS147	Sakshya garg	18EJCCS169	Sonu kumar jha	19EJCCS204	Nischay kumar jain	Ms
C-8	18EJCCS301	Manish kumar	18EJCCS303	Vinit jain	18EJCCS171	Suraj bansal	18EJCCS157	Shoaib khan	Geerija Lavania
C-9	18EJCCS160	Shruti agarwal	18EJCCS190	Vishal kumar	19EJCCS200	Aditya bhardwaj			
C-10	18EJCCS302	Aanchal bansal	18EJCCS185	Vartika agrawal	18EJCCS177	Tushar sharma	18EJCCS146	Sahil khan	Ms. Sheetal
C-11	18EJCCS184	Varsha kesnani	18EJCCS175	Tilak vijayvargiya	18EJCCS191	Yash pareek	18EJCCS156	Sheezan ahmad wani	Vijyavargiya
C-12	19EJCCS203	Lakshita sharma			18EJCCS176	Tushar jain	18EJCCS170	Sumit nitharwal	
C-13	18EJCCS161	Shruti jain	18EJCCS167	Shubham jain	18EJCCS174	Tanmay sharma			Mr
C-14	18EJCCS154	Shalu jangid	18EJCCS194	Yashika khandelwal	19EJCCS202	Daksh jangid	18EJCCS179	Vaibhav jain	Neeraj Prakash
C-15	18EJCCS162	Shubh gupta	18EJCCS193	Yash tandon	18EJCCS144	Rohit joseph			Ms.Punita Panwar
C-17			18EJCCS166	Shubham gupta	18EJCCS168	Siddharth lodha	18EJCCS190	Vishal kumar	
C-18	18EJCCS178	Vaibhav agarwal			18EJCCS143	Rohan dhar	19EJCCS201	Ashutosh bhatnagar	Ms. Priya
C-19	18EJCCS163	Shubham agarwal	18EJCCS181	Vaibhav sharma	18EJCCS152	Sarthak bagherwal			Jyotiyan a
C-20			18EJCCS189	Vipul Goyal	18EJCCS187	Vinay Saraf	18EJCCS164	Shubham Bhargava	Ms Neha Solanki
D-1	18EJCCS705	Agam jain	18EJCCS707	Akshat khandelwal	18EJCCS758	Yash sharma	18EJCCS701	Aarzoosaluja	Ms
D-2	18EJCCS708	Aayush tiwari	18EJCCS732	Mayank sharma	18EJCCS744	Ritik chopra	18EJCCS720	Charil ambey saini	Neha Solanki
D-3	18EJCCS734	Nishtha maheshwari	18EJCCS731	Manthan gour	18EJCCS739	Pragya vitthal	18EJCCS756	Vedansh matoliya	Mr

D-4	18EJCCS 755	Tamanna mahnot	18EJCCS7 36	Parag dutt sharma	18EJCCS7 48	Saransh pareek	18EJCCS7 41	Pryas jain	Pradeep Kr Sharma
D-5	18EJCCS 733	Mehul kulshrestha	18EJCCS7 10	Anany garg			18EJCCS7 49	Shivansh deedwaniya	
D-6	18EJCCS 752	Siddharth kavadia	18EJCCS7 21	Chirag nagar	18EJCCS7 09	Amit gupta	18EJCCS7 29	Kritik yadav	
D-7	18EJCCS 743	Ravi jangid	18EJCCS7 06	Akash singh	18EJCCS7 37	Prabhdeep	18EJCCS7 16	Ashutosh vyas	
D-8	18EJCCS 742	Puneet goyal	18EJCCS7 28	Kartik bhatia	18EJCCS7 18	Avinash shrangee	18EJCCS7 13	Anshul singh sisodia	Mr Abhishe k Jain
D-9	18EJCCS 735	Nitish soni	18EJCCS7 39	Pratham pareek	18EJCCS7 03	Abhishek dudhani	18EJCCS7 02	Amit agarwal	Ms Garima Garg
D-10	18EJCCS 715	Arnav nagayech			18EJCCS7 25	Jaydeep pareek	18EJCCS7 37	Parth sharma	
D-11	18EJCCS 726	Kanika kumawat	18EJCCS7 11	Ankit singhal	18EJCCS7 17	Atul singh yadav	18EJCCS7 12	Anmol ranjan	Dr Sanjay Gour
D-12	18EJCCS 722	Devendra sharma			18EJCCS7 24	Ishwar singh shekhawat	18EJCCS7 19	Charchit nirayanwal	
D-13	18EJCCS 750	Shubham bhardwaj	18EJCCS7 14	Anuj khandelwal	18EJCCS7 46	Rounak garg	18EJCCS7 51	Shyam sunder garg	
D-14	18EJCCS 704	Abhishek sahu	18EJCCS7 53	Siddharth singhvi	18EJCCS7 27	Karan khandelwal	18EJCCS7 57	Yash lath	Dr Vijeta Kumaw at
D-15	18EJCCS 754	Sparsh khandelwal	18EJCCS7 47	Sanchit gupta	18EJCCS7 30	Manan gupta	18EJCCS7 45	Ritik saluja	

Table 6.4I: List of Student Project

Sample of Cover Page of Project Report

A
Project Report
On
<PROJECT TITLE IN UPPER CASE>
Submitted in partial fulfillment for the award of degree of
Bachelor of Technology
From
Rajasthan Technical University, Kota
By

<Student Name1>
<University Roll No 1>
<Student Name2>
<University Roll No 2>
<Student Name3>
<University Roll No 3>



Department of Computer Science and Engineering
Jaipur Engineering College & Research Centre
Jaipur
2021-2022

Safety measures in laboratories (10)

- **Do's and Don'ts:** Specific Safety Rules like Do's and Don'ts are displayed and instructed for all students.
- General Rules of Conduct in Laboratories are displayed.
- Specific Safety Rules for students displayed.
- Well trained technical supporting staff.
- Avoiding the use of damaged equipment and provides needful equipment and components.
- Periodical servicing of the lab equipment.
- Maintain a clean and organized laboratory.
- Avoiding the use of cell phones.
- Appropriate storage areas
- **First aid box:** First aid box is kept in Department.
- Sufficient no. of fire Extinguishers are installed in the Labs
- Easy approach to emergency exit in the Labs
- Centralize Earthling
- Power junction box



NBA

Criteria – 7

CONTINUOUS IMPROVEMENT (50)

7.1 Actions taken based on the results of evaluation of each of the POs & PSOs (20)

POs Attainment levels & actions for improvement (2021-22) CAY

POs	Target Level	Attainment Level	Observations
PO1. Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and Computer Science and Engineering specialization to the solution of complex Computer Science and Engineering problems.			
PO1			<ol style="list-style-type: none"> 1. Students need to improve in implementing practical knowledge according to theoretical subjects. 2. Some of the subject like, Theory of computation, Analysis algorithm, Compiler Construction, Advanced Engineering Mathematics, Principles of Communication, Statistics and Probability Theory, Computer networking is needed to be improved to attain the attainment level.
<p>Actions</p> <ul style="list-style-type: none"> • Workshops and technical activities were included in curriculum to enhance the capability of students to relate it to the classroom lectures. • Video lectures along with detailed course contents were held and students were also registered in online courses (i.e. Swayam, NPTEL, MOOCs) launched by AICTE. • Additional classes to be conducted on Compiler Construction, Advanced Engineering Mathematics, Principles of Communication, Statistics and Probability Theory, Information Theory & Coding. 			
PO2. Problem Analysis: Identify, formulate, research literature, and analyze complex Computer Science and Engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.			
PO2			<ol style="list-style-type: none"> 1. Need for strong analytical power in students was realized and the correlation between Mathematics & Science with engineering subjects was lacking. 2. Some of the subject like, Compiler Construction, Principles of Communication, Digital Electronics, and Embedded System Design needs to be improved to attain the attainment level.

Actions

- Students were advised to observe the problems related to real-life scenarios.
- Students were advised to write research papers on current problems and publish the paper in any conference or journals.
- Conference to be conducted to enhance the research ability in students.
- Remedial classes to be conducted on subject in which target is not achieved.

PO3. Design/development of solutions: Design solutions for complex Computer Science and Engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO3			<p>1. Approach towards the solutions of problems and development of minor and major projects were not fulfilling the industrial needs or requirements.</p> <p>2. Some of the subject like, Engineering Mathematics, Statistics and Probability Theory, Design and Analysis of Algorithms, Information Theory & Coding, Data Structures, and Algorithms need to be improved to attain the attainment level.</p>
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Actions

- Students are advised to take SIH problems related to their minor and major projects for fulfilling industrial needs.
- Encouragement to students regarding proper feasibility analysis and design and development of the product according to industry requirements
- Additional classes to be conducted on design solutions for complex engineering problems
- Coding contests should be promoted among students like bothathon, Hackathon.
- Coding clubs were introduced to improve the coding concepts in students like code warrior.

PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of Computer Science and Engineering experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO4			<p>1. Some of the students were lacking in applying a research-based approach for creating projects.</p> <p>2. Some of the subject like Statistics and Probability Theory, Design and Analysis of Algorithms, Digital Logic Design needs to be improved according to the requirement to attain the level.</p>
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Actions

<ul style="list-style-type: none"> • Workshops and technical activities were included in the curriculum to enhance the capability of students to relate it to the classroom lectures. • More activities on Coding contests should be promoted among students • Video lectures should be planned for students and motivate them to register in online courses (i.e. Swayam, NPTEL, MOOCs) launched by AICTE. 			
PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern Computer Science and Engineering and IT tools including prediction and modeling to complex computer science engineering activities with an understanding of the limitations.			
PO5			<ol style="list-style-type: none"> 1. According to the latest industry standards and to fill the gap between industry and academic, up-gradation of tools and software were required. 2. Some of the subjects like, Compiler Construction, Cloud Computing, Design and Analysis of Algorithms, are needed to be improved to attain the attainment level.
Actions <ul style="list-style-type: none"> • Latest software like RPA, PYTHON, Android Development Kit, and ECLIPSE will be introduced to fulfill this gap. • Video lectures should be planned for students and motivate them to register in online courses (i.e. Swayam, NPTEL, MOOCs) launched by AICTE. • Workshops and technical activities were included in the curriculum to enhance the capability of students to relate it to the classroom lectures. • More activities on Coding contests should be promoted among students 			
PO6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional Computer Science and Engineering practice.			
PO6			<ol style="list-style-type: none"> 1. Content beyond the syllabus needs to be included in the curriculum related to the health safety and social needs the society. 2 Some extra activities needed to be related to the engineer and society
Actions <ul style="list-style-type: none"> • Students should be motivated to involve in social initiatives to understand the social aspects which will help them to solve the problems of society with engineering practices. • Faculties are advised to focus on content beyond in respective to theoretical and practical subjects. • Video lectures should be planned for students and motivate them to register in online courses (i.e. Swayam, NPTEL, MOOCs) launched by AICTE. 			

<ul style="list-style-type: none"> • Workshops and technical activities were included in curriculum to enhance the capability of students to relate it to the classroom lectures. • More activities on society issues, Social issues and health related problems should be promoted among students. 			
PO7. Environment and sustainability: Understand the impact of the professional Computer Science and Engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.			
PO7			<ol style="list-style-type: none"> 1. It was observed that role of students towards the environment and global awareness needs to be improved. 2. Some extra activities needed related to the professional engineering solutions in societal and environmental contexts
Actions <ul style="list-style-type: none"> • “Fruitful JECRC” plantation activity is organized by spiritual cell to improve the environmental awareness in students. • Video lectures should be planned for students and motivate them to register in online courses (i.e. Swayam, NPTEL, MOOCs) launched by AICTE. • Workshops and technical activities were included in curriculum to enhance the capability of students to relate it to the classroom lectures. • More activities on professional engineering solutions in societal and environmental contexts and demonstration of the knowledge for sustainable development should be promoted among students 			
PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the Computer Science and Engineering practice.			
PO8			<ol style="list-style-type: none"> 1. Along with the increase in technical knowledge, ethical knowledge is also required in graduates 2. Some of the subjects in the curriculum is lacking in learning the principles and committing to professional ethics and responsibilities.
Actions <ul style="list-style-type: none"> • Motivational lectures will be organized for self-realization ethical principles and commit to professional ethics and responsibilities • Students are encouraged to participate in various Social and cultural events. • Some of the workshops will be organized to understand the professional ethics, responsibilities and norms of the engineering practice. 			
PO9. Individual and teamwork: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings in Computer Science and Engineering.			

PO9			Some of the subjects in the curriculum are lacking in learning effectively as an individual and as a member or leader in diverse teams and also in multidisciplinary settings.
Actions <ul style="list-style-type: none"> • Motivating students to join various clubs to enhance leadership quality. • More extracurricular events will be organized to enhance management qualities in individuals as well as to make them work in team. • More activities on Coding contest should be promoted among students to work effectively as an individual and in a team. 			
PO10. Communication: Communicate effectively on complex Computer Science and Engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.			
PO10			<ol style="list-style-type: none"> 1. Communication Skills were not up to the mark and needs to be improved for presentations to be performed. 2. Students are lacking in report writing and design documentation, make effective presentations
Actions <ul style="list-style-type: none"> • Personality Development Skills will be imparted to students to enhance various aspects of communication, technical and Presentations skills. • Expert Talks to enhance aptitude, qualitative skills of the students. • Additional classes to be conducted for writing effective reports, design documents and effective presentations skills. 			
PO11. Project Management and Finance: Demonstrate knowledge and understanding of the Computer Science and Engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.			
PO11			<ol style="list-style-type: none"> 1. Students were lacking in implementing the feasibility of various projects and managing according to the financial availability. 2. Some of the subject are lacking in learning and applying work to manage projects in multidisciplinary environments.
Actions <ul style="list-style-type: none"> • Students are encouraged to participate in entrepreneurship and startups programs through JIC. 			

<ul style="list-style-type: none"> • Additional classes to be conducted for demonstrating knowledge and understanding of the engineering and management principles to manage projects in multidisciplinary environments. • Students are motivated to take part in patent activity for entrepreneurship. 			
PO12. Life –long Learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of Computer Science and Engineering change.			
PO12			1. Students were confined to only subjective and theoretical knowledge. Some changes in technical skills according the industrial requirements have to be included in curriculum.
Actions <ul style="list-style-type: none"> • Latest software like RPA, PYTHON, Android Development Kit, and ECLIPSE will be introduced to fulfill this gap. • Video lectures should be planned for students and motivate them to register in online courses (i.e. Swayam, NPTEL, MOOCs) launched by AICTE. • Workshops and technical activities were included in curriculum to enhance the capability of students to relate it to the classroom lectures. • More activities on Coding contest should be promoted among students • Additional classes to be conducted for writing effective reports, design documents and effective presentations skills. • Additional Technical classes to be conducted in the context of technological changes. • Motivational lectures will be organized for students to understand ethical principles and commit to professional ethics and responsibilities • Students are encouraged to participate in various Social and cultural events to enhance leadership qualities in individuals as well as to make them work in team. 			

Table B.7.1a: POs Attainment levels& actions for improvement (2021-22) CAY

Target of PO's and PSO's (2021-22)

POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
DIRECT (x)														
INDIRECT(y)														
OVERALL TARGET (0.8*x+0.2*y)														

Attainment of PO's and PSO's (2021-22)

POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
DIRECT (x)														
INDIRECT(y)														
OVERALL ATTAINMENT														

Table B.7.1b: PO Attainment (2021-22)

POs Attainment levels & actions for improvement (2020-21) CAY

POs	Target Level	Attainment Level	Observations
<p>PO1. Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and Computer Science and Engineering specialization to the solution of complex Computer Science and Engineering problems.</p>			
PO1	91.33%	85.66%	<p>1. Students need to improve in implementing practical knowledge according to theoretical subjects.</p> <p>2. Some of the subject like, Theory of computation, Analysis algorithm, Compiler Construction, Advanced Engineering Mathematics, Principles of Communication, Statistics and Probability Theory, Computer networking is needed to be improved to attain the attainment level.</p>
<p>Actions</p> <ul style="list-style-type: none"> • Workshops and technical activities were included in curriculum to enhance the capability of students to relate it to the classroom lectures. • Video lectures along with detailed course contents were held and students were also registered in online courses (i.e. Swayam, NPTEL, MOOCs) launched by AICTE. • Additional classes to be conducted on Compiler Construction, Advanced Engineering Mathematics, Principles of Communication, Statistics and Probability Theory, Information Theory & Coding. 			
<p>PO2. Problem Analysis: Identify, formulate, research literature, and analyze complex Computer Science and Engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.</p>			
PO2	83.33%	78.66%	<p>1. Need for strong analytical power in students was realized and the correlation between Mathematics & Science with engineering subjects was lacking.</p> <p>2. Some of the subject like, Compiler Construction, Principles of Communication, Digital Electronics, and Embedded System Design needs to be improved to attain the attainment level.</p>

Actions

- Students were advised to observe the problems related to real-life scenarios.
- Students were advised to write research papers on current problems and publish the paper in any conference or journals.
- Conference to be conducted to enhance the research ability in students.
- Remedial classes to be conducted on subject in which target is not achieved.

PO3. Design/development of solutions: Design solutions for complex Computer Science and Engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO3	80.33%	76%	<p>1. Approach towards the solutions of problems and development of minor and major projects were not fulfilling the industrial needs or requirements.</p> <p>2. Some of the subject like, Engineering Mathematics, Statistics and Probability Theory, Design and Analysis of Algorithms, Information Theory & Coding, Data Structures, and Algorithms need to be improved to attain the attainment level.</p>
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Actions

- Students are advised to take SIH problems related to their minor and major projects for fulfilling industrial needs.
- Encouragement to students regarding proper feasibility analysis and design and development of the product according to industry requirements
- Additional classes to be conducted on design solutions for complex engineering problems
- Coding contests should be promoted among students like bothathon, Hackathon.
- Coding clubs were introduced to improve the coding concepts in students like code warrior.

PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of Computer Science and Engineering experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO4	71%	66.33%	<p>1. Some of the students were lacking in applying a research-based approach for creating projects.</p> <p>2. Some of the subject like Statistics and Probability Theory, Design and Analysis of Algorithms, Digital Logic Design needs to be improved according to the requirement to attain the level.</p>
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Actions

- Workshops and technical activities were included in the curriculum to enhance the capability of students to relate it to the classroom lectures.
- More activities on Coding contests should be promoted among students
- Video lectures should be planned for students and motivate them to register in online courses (i.e. Swayam, NPTEL, MOOCs) launched by AICTE.

PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern Computer Science and Engineering and IT tools including prediction and modeling to complex computer science engineering activities with an understanding of the limitations.

PO5	74.33%	70.33%	<ol style="list-style-type: none"> 1. According to the latest industry standards and to fill the gap between industry and academic, up-gradation of tools and software were required. 2. Some of the subjects like, Compiler Construction, Cloud Computing, Design and Analysis of Algorithms, are needed to be improved to attain the attainment level.
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Actions

- Latest software like RPA, PYTHON, Android Development Kit, and ECLIPSE will be introduced to fulfill this gap.
- Video lectures should be planned for students and motivate them to register in online courses (i.e. Swayam, NPTEL, MOOCs) launched by AICTE.
- Workshops and technical activities were included in the curriculum to enhance the capability of students to relate it to the classroom lectures.
- More activities on Coding contests should be promoted among students

PO6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional Computer Science and Engineering practice.

PO6	48.33%	46.33%	<ol style="list-style-type: none"> 1. Content beyond the syllabus needs to be included in the curriculum related to the health safety and social needs the society. 2 Some extra activities needed to be related to the engineer and society
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Actions

- Students should be motivated to involve in social initiatives to understand the social aspects which will help them to solve the problems of society with engineering practices.
- Faculties are advised to focus on content beyond in respective to theoretical and practical subjects.
- Video lectures should be planned for students and motivate them to register in online courses (i.e. Swayam, NPTEL, MOOCs) launched by AICTE.

<ul style="list-style-type: none"> • Workshops and technical activities were included in curriculum to enhance the capability of students to relate it to the classroom lectures. • More activities on society issues, Social issues and health related problems should be promoted among students. 			
PO7. Environment and sustainability: Understand the impact of the professional Computer Science and Engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.			
PO7	41%	38.66%	<ol style="list-style-type: none"> 1. It was observed that role of students towards the environment and global awareness needs to be improved. 2. Some extra activities needed related to the professional engineering solutions in societal and environmental contexts
Actions <ul style="list-style-type: none"> • “Fruitful JECRC” plantation activity is organized by spiritual cell to improve the environmental awareness in students. • Video lectures should be planned for students and motivate them to register in online courses (i.e. Swayam, NPTEL, MOOCs) launched by AICTE. • Workshops and technical activities were included in curriculum to enhance the capability of students to relate it to the classroom lectures. • More activities on professional engineering solutions in societal and environmental contexts and demonstration of the knowledge for sustainable development should be promoted among students 			
PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the Computer Science and Engineering practice.			
PO8	50%	48%	<ol style="list-style-type: none"> 1. Along with the increase in technical knowledge, ethical knowledge is also required in graduates 2. Some of the subjects in the curriculum is lacking in learning the principles and committing to professional ethics and responsibilities.
Actions <ul style="list-style-type: none"> • Motivational lectures will be organized for self-realization ethical principles and commit to professional ethics and responsibilities • Students are encouraged to participate in various Social and cultural events. • Some of the workshops will be organized to understand the professional ethics, responsibilities and norms of the engineering practice. 			
PO9. Individual and teamwork: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings in Computer Science and Engineering.			

PO9	63.33%	60.33%	Some of the subjects in the curriculum are lacking in learning effectively as an individual and as a member or leader in diverse teams and also in multidisciplinary settings.
Actions <ul style="list-style-type: none"> • Motivating students to join various clubs to enhance leadership quality. • More extracurricular events will be organized to enhance management qualities in individuals as well as to make them work in team. • More activities on Coding contest should be promoted among students to work effectively as an individual and in a team. 			
PO10. Communication: Communicate effectively on complex Computer Science and Engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.			
PO10	62%	60%	<ol style="list-style-type: none"> 1. Communication Skills were not up to the mark and needs to be improved for presentations to be performed. 2. Students are lacking in report writing and design documentation, make effective presentations
Actions <ul style="list-style-type: none"> • Personality Development Skills will be imparted to students to enhance various aspects of communication, technical and Presentations skills. • Expert Talks to enhance aptitude, qualitative skills of the students. • Additional classes to be conducted for writing effective reports, design documents and effective presentations skills. 			
PO11. Project Management and Finance: Demonstrate knowledge and understanding of the Computer Science and Engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.			
PO11	60.33%	57.66%	<ol style="list-style-type: none"> 1. Students were lacking in implementing the feasibility of various projects and managing according to the financial availability. 2. Some of the subject are lacking in learning and applying work to manage projects in multidisciplinary environments.
Actions <ul style="list-style-type: none"> • Students are encouraged to participate in entrepreneurship and startups programs through JIC. 			

<ul style="list-style-type: none"> • Additional classes to be conducted for demonstrating knowledge and understanding of the engineering and management principles to manage projects in multidisciplinary environments. • Students are motivated to take part in patent activity for entrepreneurship. 			
PO12. Life –long Learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of Computer Science and Engineering change.			
PO12	81.33%	77.33%	1. Students were confined to only subjective and theoretical knowledge. Some changes in technical skills according the industrial requirements have to be included in curriculum.
Actions <ul style="list-style-type: none"> • Latest software like RPA, PYTHON, Android Development Kit, and ECLIPSE will be introduced to fulfill this gap. • Video lectures should be planned for students and motivate them to register in online courses (i.e. Swayam, NPTEL, MOOCs) launched by AICTE. • Workshops and technical activities were included in curriculum to enhance the capability of students to relate it to the classroom lectures. • More activities on Coding contest should be promoted among students • Additional classes to be conducted for writing effective reports, design documents and effective presentations skills. • Additional Technical classes to be conducted in the context of technological changes. • Motivational lectures will be organized for students to understand ethical principles and commit to professional ethics and responsibilities • Students are encouraged to participate in various Social and cultural events to enhance leadership qualities in individuals as well as to make them work in team. 			

Table B.7.1a: POs Attainment levels& actions for improvement (2020-21) CAY

Target of PO's and PSO's (2020-21)

POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
DIRECT (x)	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78
INDIRECT(y)	2.48	2.48	2.48	2.48	2.48	2.48	2.48	2.48	2.48	2.48	2.48	2.48	2.48	2.48
OVERALL TARGET (0.8*x+0.2*y)	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42

Attainment of PO's and PSO's (2020-21)

POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
DIRECT (x)	2.57	2.3	2.25	1.94	2.04	1.19	0.95	1.05	1.52	1.56	1.57	2.2	1.52	1.45
INDIRECT(y)	2.6	2.6	2.4	2.2	2.4	2.2	2	3	3	2.8	2.4	2.8	2.2	2.4
OVERALL ATTAINMENT	2.57	2.36	2.28	1.99	2.11	1.39	1.16	1.44	1.81	1.8	1.73	2.32	1.65	1.64

Table B.7.1b: PO Attainment (2020-21)

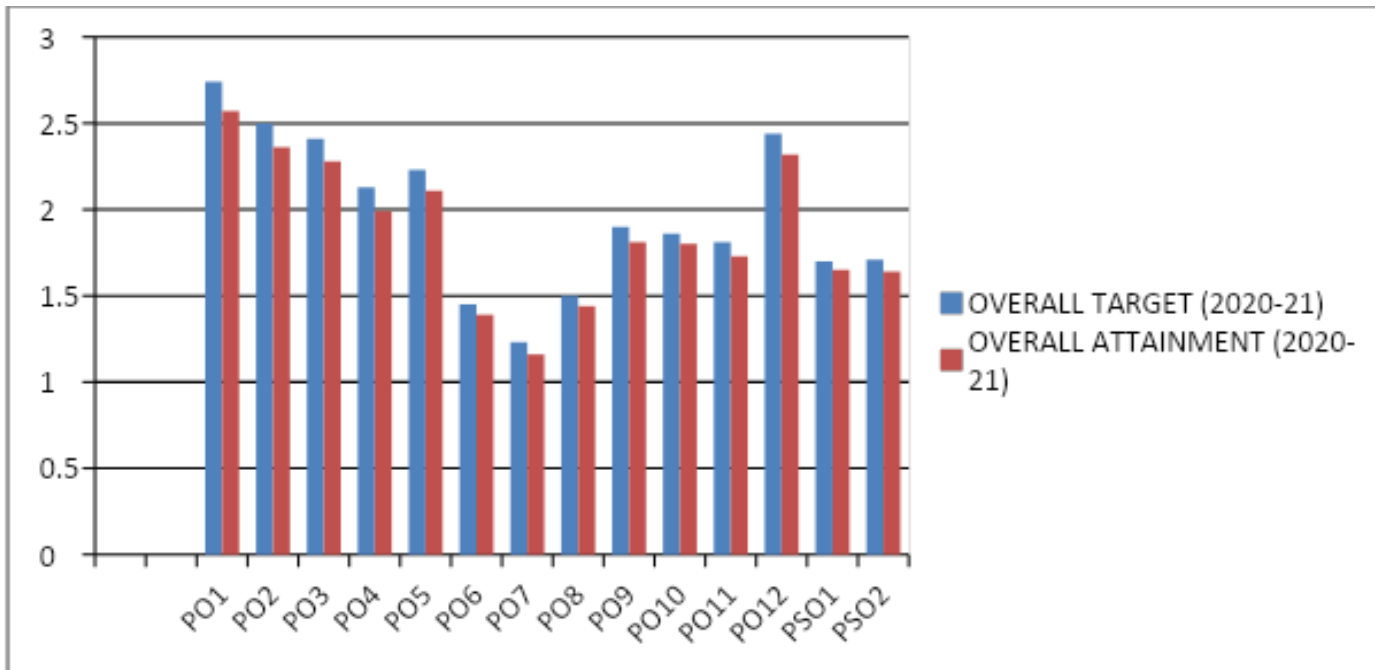


Figure 7.1a: PO Attainment (2020-21)

POs Attainment levels & actions for improvement (2019-20)

POs	Target Level	Attainment Level	Observations
PO1. Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and Computer Science and Engineering specialization to the solution of complex Computer Science and Engineering problems.			
PO1	95%	69%	<ol style="list-style-type: none"> 1. Students are needed to improve in implementing practical knowledge according to theoretical subjects. 2. Some of the subject like, Advanced Engineering Mathematics, Data Mining & Ware Housing, and Principles of Communication are needed to be improved to attain the attainment level are needed to be improved to attain the attainment level.
Actions <ul style="list-style-type: none"> • Workshops and technical activities were included in curriculum to enhance the capability of students to relate it to the classroom lectures. • Video lectures along with detailed course contents were held and students were also registered in online courses (i.e. Swayam, NPTEL, MOOCs) launched by AICTE. • Additional classes to be conducted on Advanced Engineering Mathematics, Data Mining & Ware Housing, and Principles of Communication. 			
PO2. Problem Analysis: Identify, formulate, research literature, and analyze complex computer Science and Engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.			
PO2	86%	65.33%	<ol style="list-style-type: none"> 1. Need of strong analytical power in students was realized and correlation between Mathematics & Science with engineering subjects was lacking. 2. Some of the subjects like Advanced Engineering Mathematics; Data Mining & Ware Housing is needed to be improved to attain the attainment level.
Actions <ul style="list-style-type: none"> • Students were advised to observe the problems related to real life scenario. • More home assignments are given for subjects that have computational importance 			
PO3. Design/development of solutions: Design solutions for complex Computer Science and Engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.			
PO3	80.33%	61%	<ol style="list-style-type: none"> 1. Approach towards the solutions of problems and development of minor and major projects were not fulfilling the industrial approach. 2. Some of the subject like Data Mining & Ware Housing, Data Structures and Algorithms, Distributed Systems, Linux and Shell Programming, Mobile Computing are needed to be improved to attain the attainment level
Actions			

- Encouragement to students regarding proper feasibility analysis and design and development of the product according to industry requirements
- Additional classes to be conducted on design solutions for complex engineering problems
- Coding contest should be promoted among students

PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of Computer Science and Engineering experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO4	68.33%	54.66%	<ol style="list-style-type: none"> 1. Students are needed to improve in applying research based approach to the investigations required for creating projects. 2. Some of the subject like Statistics and Probability Theory, Advanced Engineering Mathematics, Data Mining & Ware Housing, is needed to be improved to attain the attainment level.
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Actions

- Workshops and technical activities were included in curriculum to enhance the capability of students to relate it to the classroom lectures.
- More activities on Coding contest should be promoted among students.
- Video lectures should be planned for students and motivate them to register in online courses (i.e. Swayam, NPTEL, MOOCs) launched by AICTE.

PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern Computer Science and Engineering and IT tools including prediction and modeling to complex computer science engineering activities with an understanding of the limitations.

PO5	56.66%	45.66%	<ol style="list-style-type: none"> 1. According to latest industry standards and to fill the gap between industry and academic, up-gradation of tools and software were required. 2. Some of the subject likes Advanced Engineering Mathematics; Data Mining & Ware Housing is needed to be improved to attain the attainment level.
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Actions

- Latest software PYTHON, Android Development Kit and ECLIPSE will be introduced to fulfill this gap.
- Video lectures should be planned for students and motivate them to register in online courses (i.e. Swayam, NPTEL, MOOCs) launched by AICTE.
- Workshops and technical activities were included in curriculum to enhance the capability of students to relate it to the classroom lectures.
- More activities on Coding contest should be promoted among students

PO6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional Computer Science and Engineering practice.

PO6	49.33%	39.33%	<ol style="list-style-type: none"> 1. Content beyond the syllabus includes subjects related to needs of health safety and social needs of the society. 2. Some of the subject likes Advanced Engineering Mathematics; Data Mining & Ware Housing is needed to be improved to attain the attainment level.
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Actions

- Students should be motivated to involve in social initiatives to understand the social aspects which will help them to solve the problems of society with engineering practices.
- Video lectures should be planned for students and motivate them to register in online courses (i.e. Swayam, NPTEL, MOOCs) launched by AICTE.
- Workshops and technical activities were included in curriculum to enhance the capability of students to relate it to the classroom lectures.
- More activities on society issues, Social issues and health related problems should be promoted among students.

PO7. Environment and sustainability: Understand the impact of the professional Computer Science and Engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development

PO7	40%	34.66%	<ol style="list-style-type: none"> 1. It was observed that role of students towards environment and global awareness needs to be improved. 2. Some of the subject likes Advanced Engineering Mathematics; Data Mining & Ware Housing is needed to be improved to attain the attainment level.
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Actions

- Video lectures should be planned for students and motivate them to register in online courses (i.e. Swayam, NPTEL, MOOCs) launched by AICTE.
- Workshops and technical activities were included in curriculum to enhance the capability of students to relate it to the classroom lectures.
- More activities on professional engineering solutions in societal and environmental contexts and demonstration of the knowledge for sustainable development should be promoted among students

PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the Computer Science and Engineering practice.

PO8	46.66%	41.33%	<ol style="list-style-type: none"> 1. Along with increase in technical knowledge, ethical knowledge was also required in graduates but due to less moral ethics few were behind in practical situations. 2. Some of the subject like Advanced Engineering Mathematics ,Data Mining & Ware Housing, Data Compression Techniques
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Actions

- Motivational lectures will be organized for self-realization ethical principles and commit to professional ethics and responsibilities
- Students are encouraged to participate in various Social and cultural events.
- Some of the workshops will be organized to understand the professional ethics, responsibilities and norms of the engineering practice.

PO9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings in Computer Science and Engineering.

PO9	53.33%	40%	<ol style="list-style-type: none"> 1. Few students were not able to make themselves compatible with other members in a group. 2. Some of the subject like in Data Mining & Ware Housing, Data Structures and Algorithms, Digital Image Processing, are needed to be improved to attain the attainment level.
<p>Action</p> <ul style="list-style-type: none"> • Motivating students to work in groups in technical studies • More extracurricular events will be organized to enhance leadership qualities in individuals as well as to make them work in team. • More activities on Coding contest should be promoted among students to work effectively as an individual and in a team 			
<p>PO10. Communication: Communicate effectively on complex Computer Science and Engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.</p>			
PO10	58.66%	48.66%	<ol style="list-style-type: none"> 1. Communication Skills were not up to the mark and needs to be improved for presentations to be performed. 2. Some of the subject likes Advanced Engineering Mathematics; Principles of Communication are needed to be improved to attain the attainment level.
<p>Actions</p> <ul style="list-style-type: none"> • Personality Development Skills will be imparted to students to enhance various aspects of communication, technical and Presentations skills • Expert Talks to enhance aptitude, qualitative skills of the students • Additional classes to be conducted for writing effective reports, design documents and effective presentations skills. 			
<p>PO11. Project Management and Finance: Demonstrate knowledge and understanding of the Computer Science and Engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.</p>			
PO11	52%	39%	<ol style="list-style-type: none"> 1. Implementation and feasibility of various projects can be done by properly analyzing and managing them according to the financial availability. 2. Some of the subject likes Advanced Engineering Mathematics; Principles of Communication are needed to be improved to attain the attainment level.
<p>Actions</p> <ul style="list-style-type: none"> • Students are encouraged to participate in entrepreneurship and startups programs. • Additional classes to be conducted for demonstrating knowledge and understanding of the engineering and management principles to manage projects in multidisciplinary environments. • Workshops and Industrial visits will be included to enhance the capability of students to apply their Knowledge to make , enhance and manage projects in multidisciplinary environments 			

PO12. Life –long Learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of Computer Science and Engineering change.

PO12	88%	68%	<p>1. Students of 3rd and 4th year need to have conceptual knowledge of few basic and important courses which will help them in their future jobs.</p> <p>2. Some of the subject likes Advanced Engineering Mathematics; Principles of Communication are needed to be improved to attain the attainment level.</p>
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Actions

- Latest software like Android Development Kit and ECLIPSE will be introduced to fulfill this gap.
- Video lectures should be planned for students and motivate them to register in online courses (i.e. Swayam, NPTEL, MOOCs) launched by AICTE.
- Workshops and technical activities were included in curriculum to enhance the capability of students to relate it to the classroom lectures.
- More activities on Coding contest should be promoted among students
- Additional classes to be conducted for writing effective reports, design documents and effective presentations skills.
- Additional Technical classes to be conducted in the context of technological changes
- Motivational lectures will be organized for students to understand ethical principles and commit to professional ethics and responsibilities
- Students are encouraged to participate in various Social and cultural events to enhance leadership qualities in individuals as well as to make them work in team.

Table B.7.1c: POs Attainment levels & actions for improvement (2019-20) CAY

Target of PO's and PSO's (2019-20)

POs	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO1 0	PO1 1	PO1 2	PSO 1	PSO 2
DIRECT (x)	2.92	2.58	2.42	2.02	1.53	1.3	1	1	1.25	1.5	1.35	2.61	1.55	1.56
INDIRECT(y)	2.6	2.6	2.4	2.2	2.4	2.2	2	3	3	2.8	2.4	2.8	2.2	2.4
OVERALL TARGET (0.8*x+0.2*y)	2.85	2.58	2.41	2.05	1.7	1.48	1.2	1.4	1.6	1.76	1.56	2.64	1.68	1.72

Attainment of PO's and PSO's (2019-20)

POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
DIRECT (x)	1.94	1.8	1.69	1.51	1.12	0.93	0.81	0.81	0.75	1.13	0.87	1.85	1.07	1.08
INDIRECT(y)	2.6	2.6	2.4	2.2	2.4	2.2	2	3	3	2.8	2.4	2.8	2.2	2.4
OVERALL ATTAINMENT (0.8*x+0.2*y)	2.07	1.96	1.83	1.64	1.37	1.18	1.04	1.24	1.2	1.46	1.17	2.04	1.29	1.34

Table B.7.1d: PO Attainment (2019-20)

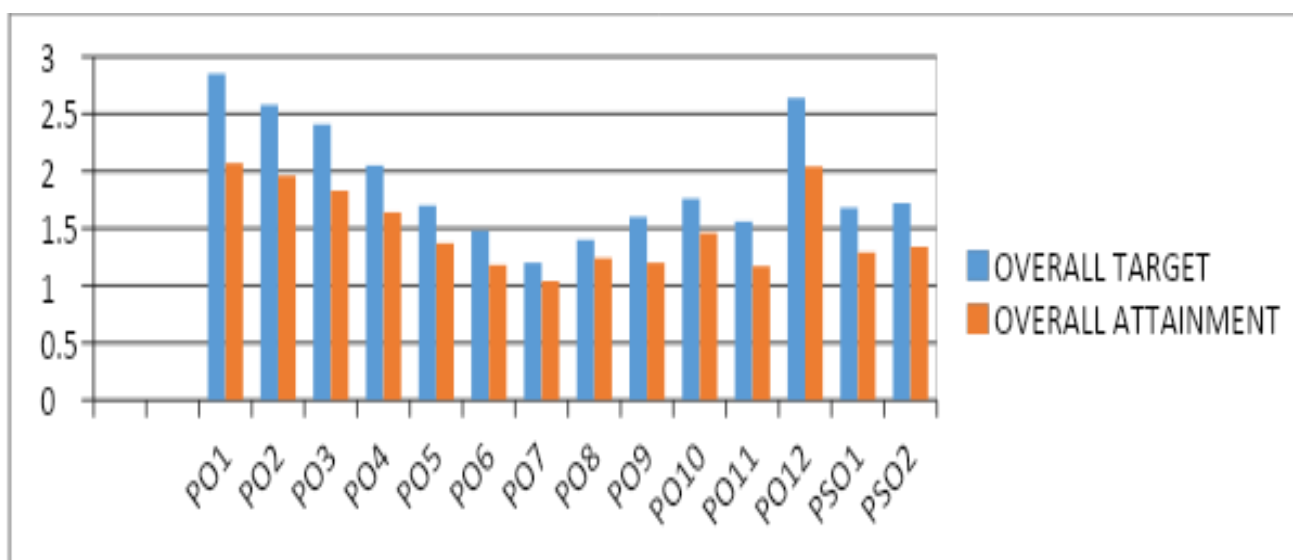


Figure 7.1b: PO Attainment (2019-20)

7.2. Academic Audit and actions taken thereof during the period of Assessment (10) Session 2021-22

(Academic Audit system/process and its implementation in relation to Continuous Improvement)

Academic audit system at JECRC, Computer Science and Engineering department intends to monitor and enhance the quality of teaching & learning process for both teaching faculty and students, with the appropriate guidelines and support. Self-assessment of individual faculty members along with the students is the prime goal of the departmental DQAC (Departmental Quality Assurance Committee) team.

- Members of this academic audit DQAC team are consisting of program coordinator and senior faculty members of the department.
- Academic Audit is done in every semester.
 - Internal audit includes, monitoring teaching process, compliance of time- table, course file, academic diary, defaulter's list, and mapping of all subjects, industry feedback, student and alumni feedback, add-on courses, higher education and internship details with social activities, projects and trainings.
 - External Audit includes, compliance of the curriculum, curriculum transaction, faculty profile, profile of students, infrastructure in the department, activities of the department
- DQAC team also looks into the faculty development programs (FDP) along with the technical and research oriented activities of both students and faculty members.

OBJECTIVES OF ACADEMIC AUDITING:

- (i) To ensure academic continuous improvement.
- (ii) To enhance the quality of each component of the departmental functionalities
- (iii) To ensure quality of education system with respect to both students as well as faculty members.

DOCUMENTS TO BE PRODUCED FOR AUDIT TEACHERS DIARY AND COURSE FILE

Following documents are maintained at the department level for the purpose of academic audit:

1. Class Time Table & Faculty Time Table.
2. Academic Diary for all the courses including practical, seminar, project etc.
3. Course File.
4. Mapping details.
5. Defaulter's list.
6. Industry feedback, student and alumni feedback
7. Lab manuals for practical courses
8. Infrastructure details of the department.
9. Consolidated Attendance & marks statement of students

10. Seminar & Project (Mini project/Design project/Final semester project) progress review report
11. Register of internal evaluation marks
12. Result Analysis
13. Department Activities / Events register
14. Internships/ Industrial visits/ summer training / Workshops/ Technical competitions attended by students.
15. Add-on courses and higher education details.
16. Faculty and student's profile.
17. Details of students' Placements, Higher education, competitive exams etc.

These documents are updated regularly in the process of quality assurance.

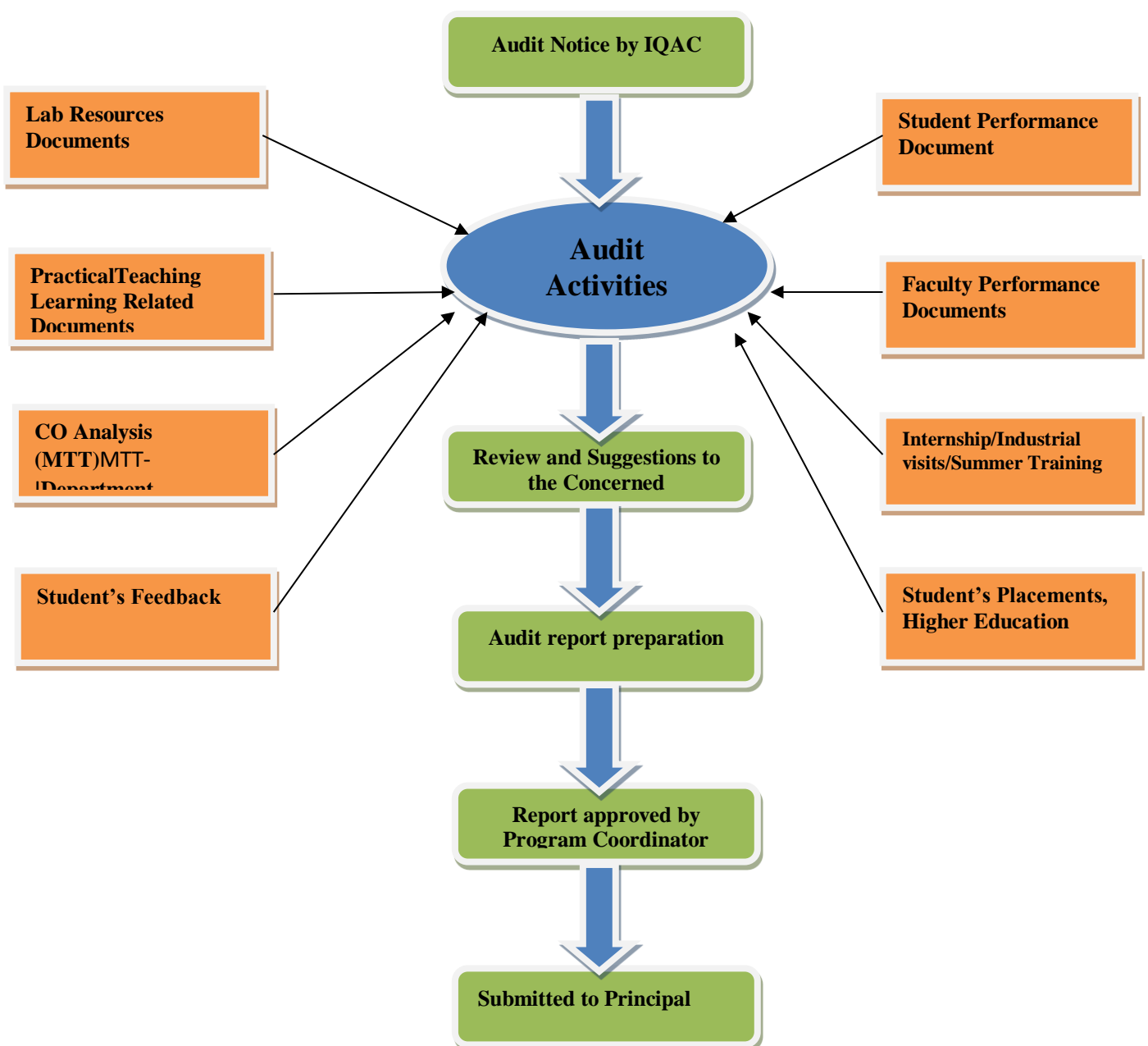


Figure 7.2a: Audit Process of CSE Department


The Following are the team members of DQAC audit for session (2021-22)

S.NO.	Name	Designation	Responsibilities
1.	Dr. Sanjay Gour	Professor	HOD
2.	Dr. Vijeta Kumawat	Associate Professor	Deputy HOD.
3.	Mr. Amit Mithal	Assistant Professor	Exam coordinator.
4.	Mr. Abhishek Dixit	Assistant Professor	Training & Placement Officer.
5.	Mr. Neeraj Prakesh Srivastava	Assistant Professor	Coordinator
6.	Mr. Abhishek Jain	Assistant Professor	Coordinator

Table B.7.2a: DQAC audit Member of session (2021-2022)

S.NO.	Name	Designation	Organization
1.	Mr. Anil Sharma	HR/Project Manager	Pratham Software, Jaipur
2.	Dr. M.P. Singh	Professor & Head	Mechanical Engineering, JECRC
3.	Dr. Sandeep Vyas	Professor & Head	Department of Electronics & Communication, JECRC

Sample of internal Audit (2021-2022):

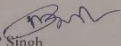

 JAIPUR ENGINEERING COLLEGE
 AND RESEARCH CENTRE
INTERNAL AUDIT CORRECTION REPORT
 Academic Year 2021-22

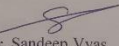
DQAC	DATE	25/07/2022
PROCESS	Academic Process (Department of Computer Science and Engineering)	
Auditors	1) Dr. M.P. Singh 2) Dr. Sandeep Vyas	Auditees CSE Faculties
Observers		

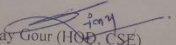
S. No.	Observation	Type	Correction
1	Course File (Mr. Amit Mithal)	SI	Minor corrections are required
2	Academic Diary (Mr. Abhishek Jain)	SI	Ok
3	Defaulter list (All CC's)	SI	In process
4	Mapping of all subjects	SI	Completed
5	CO, PO and PEO	SI	Ok
6	Mapping	SI	Completed
7	Student feedback analysis index	SI	Completed
8	Alumni feedback analysis index	SI	Ok
9	Remedial Lectures	O	In process
10	Advance Learners	O	In process
11	Slow learners efforts taken	SI	Ok
12	Add on Courses	SI	Ok
13	Seminars/ Guest Lectures	O	Completed
14	Social Activities/ Ethical/ Moral value education	O	In process
15	Higher Education data	SI	Completed
16	Internship data	SI	Ok
17	Student final year project	O	Completed
18	Exam record	SI	Ok
19	Existing submission	O	Maintained in soft & hard copy
20	Training needed identification teaching, nonteaching	O	In process
21	Budget	O	In process
22	Library details	SI	Minor corrections are required
23	FDP/ Publications	O	In process
24	Curricular and co-curricular activities	SI	In process

*O - Observation and SI - Sample Inspected

Auditors


1. Dr. M.P. Singh 

2. Dr. Sandeep Vyas 

Dr. Sanjay Gour (HOD, CSE) 

PRINCIPAL

Sample of External Audit (2021-22):


JAI PUR ENGINEERING COLLEGE
AND RESEARCH CENTRE
JAI PUR ENGINEERING COLLEGE AND RESEARCH CENTRE
JECRC Campus, Shri Ram Ki Nangal, Via-Vatika, Jaipur
Department of Computer Science and Engineering
External Academic Audit (2021-22)

Name of the Department: Department of Computer Science and Engineering
Date: 22/07/2022

Members of Staff Present:
1. Dr.Sanjay Gour
2. Dr. Vijeta Kumawat
3. Mr. Abhishek Dixit
4. Mr. Amit Mithal
5. Mr. Abhishek Jain
6. Mr. Neeraj Prakash Srivastava

Name, Designation and Address of Academic Audit Experts:
a) Reviewed by Mr. Anil Sharma, Pratham Softwares Pvt. Ltd, Jaipur

Criterion	Items	Verific ation Yes / No	Comments	Suggestions for improvement
1. Curriculum	Steps followed in the designing of syllabus & Curriculum	Yes	Curriculum followed by affiliated university, followed properly as per affiliated norms	Approach to the affiliated university to update the curriculum
	Contents of the Curriculum	Yes	Found properly	Content of the curriculum Should be Updated
	Validation done IDC / EDC	Yes	-	-
	Credits allotted / distribution - logic	Yes	Followed as per affiliated university	No



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2. Curriculum Transaction	Teaching methods & teaching aids	Yes	All kind of teaching methods and aids are used as per mentioned in ICT tools.	NO
	E-learning modules	Yes	Good	No
	Project work UG/PG	Yes	Project allotment process is ok.	No
	Internal assessment Components Uniqueness	Yes	CO wise assessment and week student mentoring is good	Include more practical questions.
	Student support – remedial Coaching	Yes	OK	No
	Parents Open House Meeting – evaluation of student's progress	Yes	Online PTM conduction is precise solution to overcome of time barrier	No
	Feedback from students	Yes	Satisfactory	Good
	Steps taken on the feedback	Yes	Out Standing	Ok
3.Faculty Profile	Projects completed / on Going	Yes	More faculty participation required for completion	More faculty participation required specially from new faculty members
	Seminars / conferences Attended	Yes	Fine	Keep continue
	Papers / articles / books Published	Yes	Satisfactory	More participation required
	FDP / RC / OC / Training Program / Workshop	Yes	Outstanding	No
	Preparation of E-	Yes	Excellent, few video	Increase no of



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	learning materials / Content		lectures are seen.	videos
	Acted as resource persons	Yes	Appreciated	More participation suggested
4.Profile of Students	Demand ratio (Applications received Vs Sanctioned Strength)	Yes	Excellent	No
	Students involvement in extra-curricular & co-curricular activities	Yes	Wonderful	Keep it up
	Study tour / industrial visits / exhibitions / Internship / Training	Yes	Satisfactory	Study Tour and industrial visits required
	Achievements	Yes	Job placement, RPA work, sports, Hackathon, Botathon, SBH and good in all extracurricular activity	Good
5. Infrastructure in the Department	No. of class rooms	Yes	Sufficient	No
	No. of laboratories	Yes	Enough	High configuration lab required
	No. of computers – for teachers	Yes	Good	No
	No. of computers – for students	Yes	Adequate	No
	No. of computers – research scholars	Yes	NA	NA
	No. of instruments	Yes	NA	NA
6. Activities of the Department	MoUs signed	Yes	Good	No
	Consultancy	Yes	Satisfactory	Need more participant



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	Collaborations	Yes	CSI, BJIT, Automation Anywhere, IPcurate Lab	Keep it up
	Association Meetings	Yes	--	--
	Guest lectures	Yes	Satisfactory and up to mark	Require more
	Conference/ Seminar /Workshop conducted	Yes	Good and quality work	Keep it up
	Extension Activity	Yes	Satisfactory	-
	Interaction with Industry/Research Centres /Educational Institutions	Yes	Very good Keynote series	Good going on Keep it up
	Newsletters / Magazine	Yes	Good	NA
	Placement	Yes	Excellent	Keep it up

Please comment on SWOT Analysis: managed

Strength: Well education/teaching. Placement & training is Excellent. Teacher's achievement is good. Focused on the extension of teaching and learning.

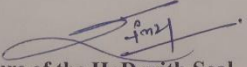
Weakness: affiliated college

Opportunities: ample opportunity to be excel in the computer science area.

Challenges: maintaining the placement scenario, as 90% students are placed in previous years.

Best Practice (s) / Innovations of the Department:

Future of the Department: Accreditation by NBA

-

Signature of the HoD with Seal

Signature of the Academic Audit Experts

7.2. Academic Audit and actions taken thereof during the period of Assessment (10) Session 2020-21

(Academic Audit system/process and its implementation in relation to Continuous Improvement)

Academic audit system at JECRC, Computer Science and Engineering department intends to monitor and enhance the quality of teaching & learning process for both teaching faculty and students, with the appropriate guidelines and support. Self-assessment of individual faculty members along with the students is the prime goal of the departmental DQAC (Departmental Quality Assurance Committee) team.

- Members of this academic audit DQAC team are consisting of program coordinator and senior faculty members of the department.
- Academic Audit is done in every semester.
 - Internal audit includes, monitoring teaching process, compliance of time- table, course file, academic diary, defaulter's list, and mapping of all subjects, industry feedback, student and alumni feedback, add-on courses, higher education and internship details with social activities, projects and trainings.
 - External Audit includes, compliance of the curriculum, curriculum transaction, faculty profile, profile of students, infrastructure in the department, activities of the department
- DQAC team also looks into the faculty development programs (FDP) along with the technical and research oriented activities of both students and faculty members.

OBJECTIVES OF ACADEMIC AUDITING:

- (i) To ensure academic continuous improvement.
- (ii) To enhance the quality of each component of the departmental functionalities
- (iii) To ensure quality of education system with respect to both students as well as faculty members.

DOCUMENTS TO BE PRODUCED FOR AUDIT TEACHERS DIARY AND COURSE FILE

Following documents are maintained at the department level for the purpose of academic audit:

18. Class Time Table & Faculty Time Table.
19. Academic Diary for all the courses including practical, seminar, project etc.
20. Course File.
21. Mapping details.
22. Defaulter's list.
23. Industry feedback, student and alumni feedback
24. Lab manuals for practical courses
25. Infrastructure details of the department.
26. Consolidated Attendance & marks statement of students

27. Seminar & Project (Mini project/Design project/Final semester project) progress review report
28. Register of internal evaluation marks
29. Result Analysis
30. Department Activities / Events register
31. Internships/ Industrial visits/ summer training / Workshops/ Technical competitions attended by students.
32. Add-on courses and higher education details.
33. Faculty and student's profile.
34. Details of students' Placements, Higher education, competitive exams etc.

These documents are updated regularly in the process of quality assurance.

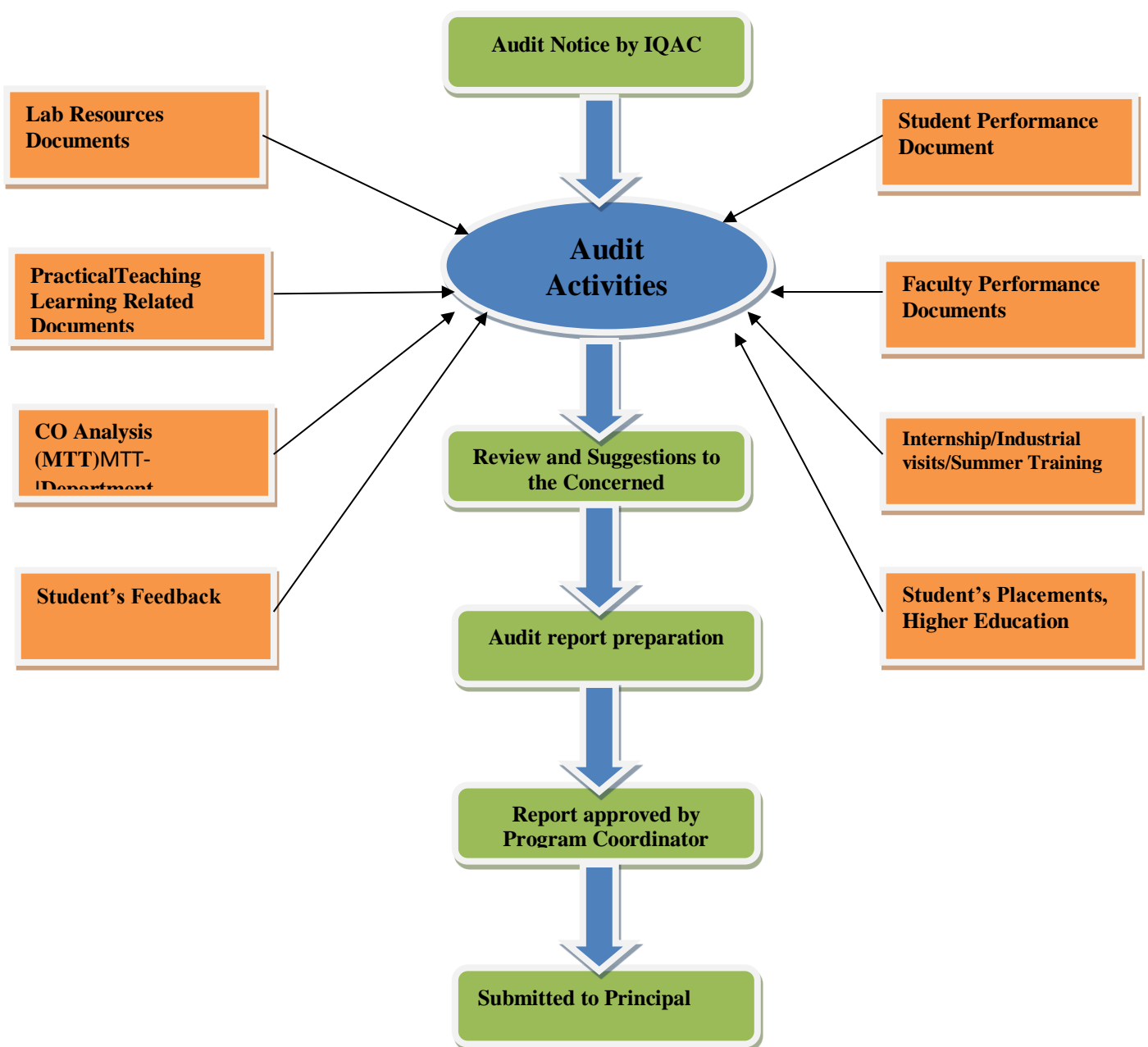


Figure 7.2a: Audit Process of CSE Department

The Following are the team members of DQAC audit for session (2020-21)

S.NO.	Name	Designation	Responsibilities
1.	Dr. Sanjay Gour	Professor	HOD
2.	Dr. Vijeta Kumawat	Associate Professor	Deputy HOD.
3.	Mr. Amit Mithal	Assistant Professor	Exam coordinator.
4.	Mr. Abhishek Dixit	Assistant Professor	Training & Placement Officer.
5.	Mr. Aashish Ameria	Assistant Professor	Coordinator.
6.	Mr. Neeraj Prakesh Srivastava	Assistant Professor	Coordinator
7.	Mr. Abhishek Jain	Assistant Professor	Coordinator

Table B.7.2a: DQAC audit Member of session (2020-2021)

S.NO.	Name	Designation	Organization
1.	Prof. M.S. Dulawat	Professor & Head	Mohan Lal Sukhadia University, Udaipur
2.	Mr. Anil Sharma	HR/Project Manager	Pratham Software, Jaipur
3.	Dr. M.P. Singh	Professor & Head	Mechanical Engineering, JECRC
4.	Dr. Sandeep Vyas	Professor & Head	Department of Electronics & Communication, JECRC

Sample of internal Audit (2020-2021):

JECRC
JALPURA ENGINEERING COLLEGE & RESEARCH CENTRE

INTERNAL AUDIT CORRECTION REPORT

Academic year 2020-21

DQAC PROCESS	DATE	3/8/21
Auditors	Academic Process (Department of Computer Science and Engineering)	Auditees
1) Dr. Sandeep Vyas		CSE Faculties
2) Mr. Krishan Kumar Saini		
Observers	1. Mr. Amit Mithal	2. Mr. Aashish Ameria

S. No.	Observation	Type	Correction
1	Course File (Ms. Pratibha Sharma)	SI	Minor corrections are required
2	Academic Diary (Mr. Abhishek Jain)	SI	Ok
3	Defaulter list (All CC's)	SI	Maintained in soft & hard copy
4	Mapping of all subjects	SI	Minor corrections are required
5	C.C., PO and PEO	SI	Ok
6	Mapping	SI	Completed
7	Student feedback analysis index	SI	Completed
8	Alumni feedback analysis index	SI	In process
9	Remedial Lectures	O	In process
10	Advance Learners	O	In process
11	Slow learners efforts taken	SI	Ok
12	Add on Courses	SI	Ok
13	Seminars/ Guest Lectures	O	In process
14	Social Activities/ Ethical/ Moral value education	O	In process
15	Higher Education data	SI	Ok
16	Internship data	SI	Ok
17	Student final year project	O	Completed
18	Exam record	SI	Ok
19	Existing submission	O	In process
20	Training needed identification teaching, nonteaching	O	In process
21	Budget	O	In process
22	Library details	SI	Ok
23	FDP/ Publications	O	Ok
24	Curricular and co-curricular activities	SI	In process

*O - Observation and SI - Sample Inspected

Auditors
1. Dr. Sandeep Vyas
2. Mr. Krishan Kumar Saini

Dr. Sanjay Gour
Head of the Department
Computer Science & Engineering
JECRC, Jaipur

PRINCIPAL
Jalpur Engineering College & Research Centre
Tonk Road, Jaipur-302022

Sample of External Audit (2020-21)



JAIPUR ENGINEERING COLLEGE
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JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

JECRC Campus, Shri Ram Ki Nangal, Via-Vatika, Jaipur

Department of Computer Science and Engineering

^{External}
~~Format~~ for Academic Audit (2020-21)

Name of the Department: Department of Computer Science and Engineering

Date: 14/08/2021

Members of Staff Present:

1. Dr Sanjay Gour
2. Dr Vijeta Kumawat
3. Mr. Abhishek Dixit
4. Mr. Amit Mithal
5. Mr. Abhishek Jain

Name, Designation and Address of Academic Audit Experts:

1. Reviewed by Retd Prof. M. S. Dulawat, Faculty of Science, Mohan Lal Sukhadia University, Udaipur, Rajasthan, India
2. Reviewed by Mr. Anil Sharma, Pratham Softwares Pvt. Ltd. Jaipur

M. S. Dulawat
Anil Sharma

Criterion	Items	Verification Yes / No	Comments	Suggestions for improvement
1. Curriculum	Steps followed in the designing of syllabus & curriculum	Yes	Curriculum followed by affiliated university	Follows as per University
	Contents of the Curriculum	Yes	Found properly	Follows as per University
	Validation done	Yes	-	-
	IDC / EDC	-	-	-
	Credits allotted / distribution - logic	Yes	Followed as per affiliated university	Follows as per University



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JECRC Campus, Shri Ram Ki Nangal, Via-Vatika, Jaipur

2. Curriculum Transaction	Teaching methods & teaching aids	Yes	All kind of teaching methods and aids are used as per mentioned in ICT tools.	No
	E-learning modules	Yes	Ok	No
	Project work UG/PG	Yes	The process of Project allotment is good	No
	Internal assessment Components Uniqueness	Yes	CO wise assessment and weak student mentoring is good	Include more practical questions
	Student support – remedial coaching	Yes	Ok	No
	Parents Open House Meeting – evaluation of student's progress	Yes	Online PTM conduction is good solution to overcome time barrier	No
	Feedback from students	Yes	Process of student feedback is appreciable	Ok
	Steps taken on the feedback	Yes	satisfactory	Ok
3.Faculty Profile	Projects completed / on Going	Yes	More faculty participation required	More faculty participation required from faculty members
	Seminars / conferences Attended	Yes	Satisfactory	Ok
	Papers / articles / books Published	Yes	More participation required in this area	More participation required
	FDP / RC / OC / Training Program / Workshop	Yes	Good	No



JAI PUR ENGINEERING COLLEGE
AND RESEARCH CENTRE

JAI PUR ENGINEERING COLLEGE AND RESEARCH CENTRE

JECRC Campus, Shri Ram Ki Nangal, Via-Vatika, Jaipur

4. Profile of Students	Preparation of E-learning materials / Content	Yes	Very good video lecture/lecture on mooc are seen	No
	Acted as resource persons	Yes	Appreciated	Keep continuing
	Demand ratio (Applications received Vs Sanctioned Strength)	Yes	Appreciable	No
	Students involvement in extra-curricular & Cocurricular activities	Yes	Excellent	Keep continuing
	Study tour / industrial visits / exhibitions / Internship / Training	Yes	Satisfactory	Study Tour and industrial visits required
5. Infrastructure in the Department	Achievements	Yes	Job placement, RPA work, Project exhibition, certification courses, project based competitions, and good in all extracurricular activity	Good
	No. of class rooms	Yes	Sufficient	No
	No. of laboratories	Yes	Sufficient	High configuration lab required
	No. of computers – for teachers	Yes	Satisfactory	Ok
No. of computers – for	Yes	Good	No	



JAIPUR ENGINEERING COLLEGE
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JECRC Campus, Shri Ram Ki Nangal, Via-Vatika, Jaipur

	Students			
	No. of computers – research scholars	Yes	NA	NA
	No. of instruments	Yes	NA	NA
6. Activities of the Department	MoUs signed	Yes	satisfactory	No
	Consultancy	Yes	satisfactory	Need more participants
	Collaborations	Yes	GeeksforGeeks, BJIT, Automation Anywhere	More collaborations required
	Association Meetings	Yes	--	--
	Guest lectures	Yes	Satisfactory	Ok
	Conference / Seminar / Workshop conducted	Yes	Good and quality work	Keep it up
	Extension Activity	Yes	satisfactory	-
	Interaction with Industry / Research Centres / Educational Institutions	Yes	Very good Keynote/ InnoLogue series	Good going on
	Newsletters / Magazine	Yes	good	Ok
	Placement	Yes	Very good	Keep it up



JAIPUR ENGINEERING COLLEGE
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JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

JECRC Campus, Shri Ram Ki Nangal, Via-Vatika, Jaipur

Challenges: maintaining the placement scenario, as 90% students are placed in previous years.

Best Practice (s) / Innovations of the Department:

Future of the Department: accredited by NBA/NAAC

[Signature]
Signature of the HoD with Seal
Head of the Department
Computer Science & Engineering
JECRC, Jaipur

[Signature]
Signature of the Academic Audit Experts

[Signature]
PRINCIPAL
Jaipur Engineering College &
Research Centre
Tonk Road, Jaipur-302022

7.2. Academic Audit and actions taken thereof during the period of Assessment (10) Session 2019-20

(Academic Audit system/process and its implementation in relation to Continuous Improvement)

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DOCUMENTS TO BE PRODUCED FOR AUDIT TEACHERS DIARY AND COURSE FILE

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- 37. Course File.
- 38. Mapping details.
- 39. Defaulter's list.
- 40. Industry feedback, student and alumni feedback
- 41. Lab manuals for practical courses
- 42. Infrastructure details of the department.
- 43. Consolidated Attendance & marks statement of students

44. Seminar & Project (Mini project/Design project/Final semester project) progress review report
45. Register of internal evaluation marks
46. Result Analysis
47. Department Activities / Events register
48. Internships/ Industrial visits/ summer training / Workshops/ Technical competitions attended by students.
49. Add-on courses and higher education details.
50. Faculty and student's profile.
51. Details of students' Placements, Higher education, competitive exams etc.

These documents are updated regularly in the process of quality assurance.

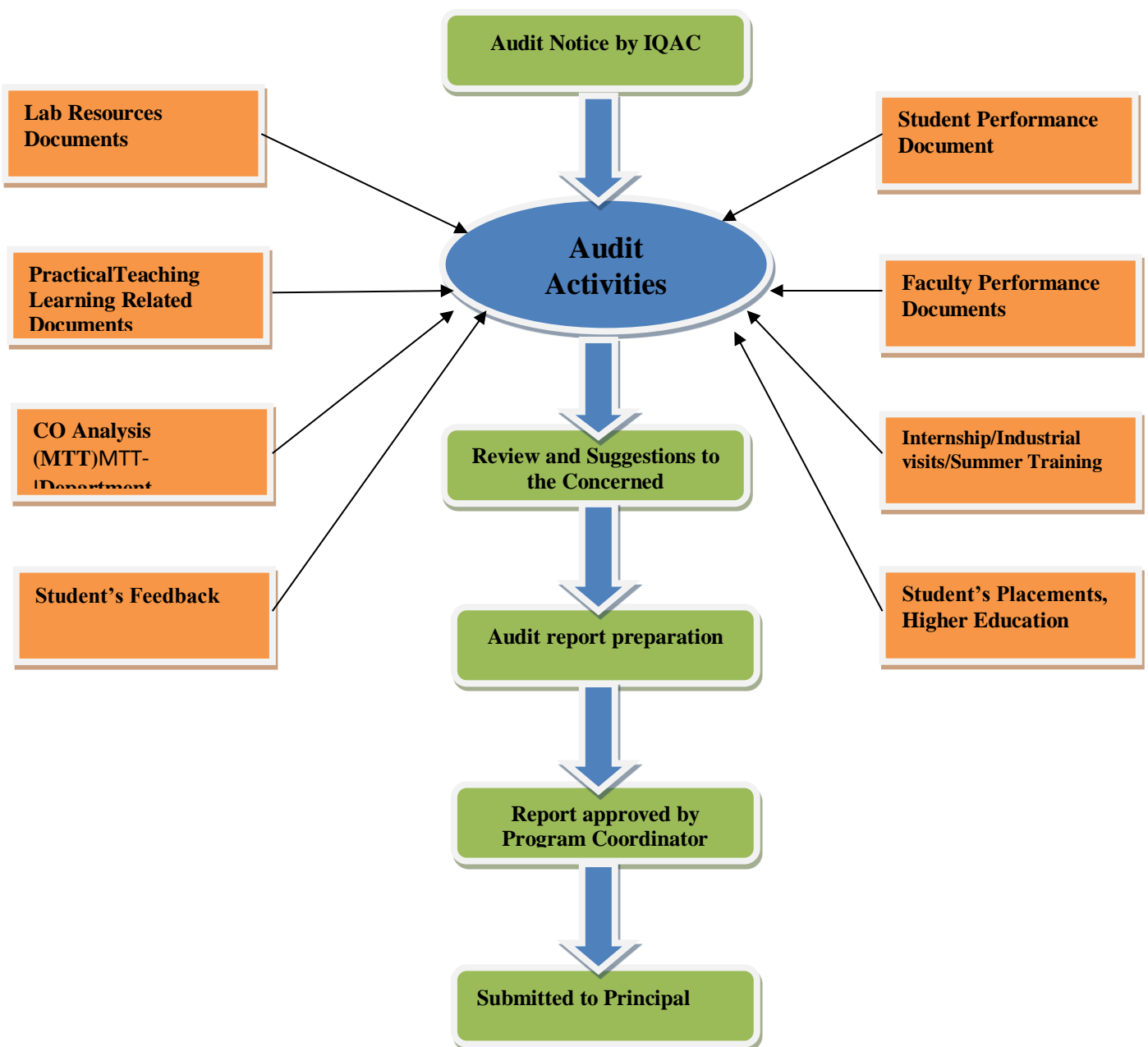


Figure 7.2a: Audit Process of CSE Department


The Following are the team members of DQAC audit for session (2020-21)

S.NO.	Name	Designation	Responsibilities
1.	Dr. Sanjay Gour	Professor	HOD
2.	Dr. Vijeta Kumawat	Associate Professor	Deputy HOD.
3.	Ms. Neelam Choudhary	Associate Professor	Coordinator.
4.	Mr. Abhishek Dixit	Assistant Professor	Training & Placement Officer.
5.	Ms. Manju Vyas	Associate Professor	Coordinator.

Table B.7.2a: DQAC audit Member of session (2020-2021)

S.NO.	Name	Designation	Organization
1.	Dr. Baldev Singh	Professor	Department of CSE, Vivekananda Global University
2.	Mr. Anil Sharma	HR/Project Manager	Pratham Software, Jaipur
3.	Dr. M.P. Singh	Professor & Head	Mechanical Engineering, JECRC
4.	Dr. Sandeep Vyas	Professor & Head	Department of Electronics & Communication, JECRC

Sample of internal Audit (2019-2020):


JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE
INTERNAL AUDIT CORRECTION REPORT
 Academic year 2019-20

DQAC	DATE	10/07/2019
PROCESS	Academic Process (Department of Computer Science and Engineering)	
Auditors	1) Dr. M.P. Singh 2) Dr. Sandeep Vyas	Auditees CSE Faculties
Observers	1) Ashish America 2) Mr. Amit Mittal	

Sr. No	Observation	Type	Correction
1	Course file (Ms. Richa Sharma)	SI	Minor corrections are required
2	Academic Diary (Ms. Priyanka Mitra)	SI	OK
3	Defaulter list (All CC's)	SI	Maintained in Soft & Hard copy
4	Mapping of all subjects	SI	Minor corrections are required
5	Industry feedback data	O	Maintained in soft copy

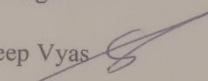
*O-Observation and SI-Sample Inspected.

Sr. No	Observation	Type	Correction
1	Course File	SI	OK
2	PO and PEOs and CO and CEOs	SI	
3	Mapping	SI	Completed
4	Student feedback analysis index	OK	Completed
5	Industry feedback analysis index	SI	Going on
6	Alumni feedback analysis index	SI	Going on
7	Remedial Lectures	In process	In process
8	Advance Learners	OK	Completed
9	Slow learners efforts taken	ok	Going on
10	Add on Courses	In process	
11	Seminars/Guest Lectures	OK	Report Completed
12	Social Activities/ Ethical/Moral value education	OK	
13	Higher Education data	Not found	
14	Internship data	OK	Completed
15	Student final year project		Completed
16	All files (Sample tested)	OK	OK

17	Previous Students punched old files, exam record	OK	OK
18	Existing submission	OK	Going on
19	Training needed identification teaching, nonteaching	Ok	Report maintained in soft copy
20	Budget	In Progress	Completed
21	Library details	Not found	
22	FDP/Publications	OK	Completed
23	Curricular and co-curricular activities	OK	Completed


Auditors

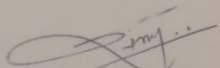
1. Dr. M.P. Singh 

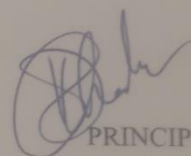
2. Dr. Sandeep Vyas 

Observers

1) Ashish Ameria 

2) Amit Mithal 


 Dr. Sanjay Gour
 Head of the Department
 HOD, CSE & Engineering
 JECRC, Jaipur


 PRINCIPAL

Sample of External Audit (2019-2020):

JELRL
JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE

JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

JECRC Campus, Shri Ram Ki Nangal, Via-Vatika, Jaipur

Department of Computer Science and Engineering

Format for Academic Audit (2019-20)

Name of the Department: Department of Computer Science and Engineering

Date: 08/01/2020

Name, Designation and Address of Academic Audit Experts:

Members of Staff Present:

1. Dr Sanjay Gour
2. Dr Vijeta Kumawat
3. Dr Nilam Choudhary
4. Mr. Abhishek Dixit
5. Ms. Manju Vyas

a) Reviewed by Prof.(Dr.) Baldev Singh, Professor, Department of Computer Science and Engineering, Vivekananda Global University.

b) Reviewed by Mr. Anil Sharma, Pratham Softwares Pvt. Ltd, Jaipur

Criterion	Items	Verifi- cation Yes / No	Comments	Suggestions for improvement
1. Curriculum	Steps followed in the designing of syllabus & Curriculum	Yes	Curriculum followed by affiliated university, followed properly.	Follows as per University
	Contents of the Curriculum	Yes	Found properly	Follows as per University
	Validation done	Yes	-	-
	IDC / EDC		-	-
	Credits allotted / distribution logic	Yes	Followed as per affiliated university	Follows as per University
2. Curriculum	Teaching methods &	Yes	All kind of teaching	No



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Transaction	teaching aids		methods and aids are used as per mentioned in ICT tools.	
	E-learning modules	Yes	OK	No
	Project work UG/PG	Yes	Project allotment process is good	No
	Internal assessment Components Uniqueness	Yes	CO wise assessment and week student mentoring is good	Include more practical questions.
	Student support – remedial Coaching	Yes	OK	No
	Parents Open House Meeting – evaluation of student's progress	Yes	Online PTM conduction is nice solution to overcome of time barrier	No
	Feedback from students	Yes	satisfactory	Ok
	Steps taken on the feedback	Yes	satisfactory	Ok
3.Faculty Profile	Projects completed / on Going	Yes	More faculty participation required	More faculty participation required specially from junior faculty members
	Seminars/conference Attended	Yes	Good	Keep continue
	Papers / articles / books Published	Yes	satisfactory	More participation required
	FDP / RC / OC / Training Program / Workshop	Yes	Good	No
	Preparation of E-learning materials / Content	Yes	Very good video lecture/lecture on mooc are seen	No



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JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

JECRC Campus, Shri Ram Ki Nangal, Via-Vatika, Jaipur

	Acted as resource persons	Yes	Appreciated	More participation suggested
4. Profile of Students	Demand ratio (Applications received Vs Sanctioned Strength)	Yes	Good	No
	Students involvement in extra-curricular & Cocurricular activities	Yes	Excellent	Keep it up
	Study tour / industrial visits / exhibitions / Internship / Training	Yes	Satisfactory	Study Tour and industrial visits required
	Achievements	Yes	Job placement, RPA work, sports, Hackathon, Botathon, SBH and good in all extracurricular activity	Good
5. Infrastructure in the Department	No. of class rooms	Yes	Sufficient	No
	No. of laboratories	Yes	Sufficient	High configuration lab required
	No. of computers – for teachers	Yes	Good	Ok
	No. of computers – for students	Yes	Good	No
	No. of computers – research scholars	Yes	NA	NA
	No. of instruments	Yes	NA	NA
	MoUs signed	Yes	satisfactory	No
	Consultancy	Yes	satisfactory	Need more



JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE

JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

JECRC Campus, Shri Ram Ki Nangal, Via-Vatika, Jaipur

6. Activities of the Department	MoUs signed	Yes	satisfactory	No
	Consultancy	Yes	satisfactory	Need more participant
	Collaborations	Yes	CSI, BJIT, Automation Anywhere, IPcurate Lab	Keep it up
	Association Meetings	Yes	--	--
	Guest lectures	Yes	Satisfactory	Require more
	Conference / Seminar / Workshop conducted	Yes	Good and quality work	Keep it up
	Extension Activity	Yes	satisfactory	-
	Interaction with Industry / Research Centres / Educational Institutions	Yes	Very good Keynote/ InnoLogue series	Good going on
	Newsletters / Magazine	Yes	good	Ok
	Placement	Yes	Very good	Keep it up

Please comment on SWOT Analysis: managed

Strength: Well education/teaching. Placement & training is Excellent. Teacher's achievement is good. Focused on the extension of teaching and learning.

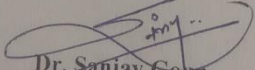
Weakness: affiliated college

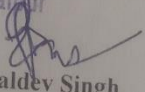
Opportunities: ample opportunity to be excel in the computer science area.

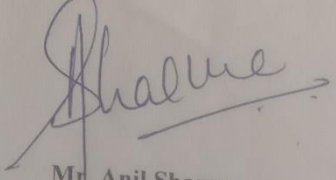
Challenges: maintaining the placement scenario, as 90% students are placed in previous years.

Best Practice (s) / Innovations of the Department:

Future of the Department: accredited by NBA/NAAC


Dr. Sanjay Gaur
Head of the Department
Computer Science & Engineering
JECRC, Jaipur


Prof. (Dr.) Baldev Singh
Vivekananda Global University


Mr. Anil Sharma
Pratham Softwares Pvt. Ltd

7.3 Improvement in Placement, Higher Studies and Entrepreneurship

Assessment is based on improvement in:

- Placement: number, quality placement, core industry, pay packages etc.
- Higher studies: performance in GATE, GRE, GMAT, CAT etc., and admissions in premier institutions
- Entrepreneurs

Item	CAYm1 (2021-22)	CAYm2 (2020-21)	CAYm3 (2019-20)
Total No.of Final Year Students (N)	253	293	295
No.of Students Placed in Companies or Government Sector (X)	209	195	231
No.of Students Admitted to higher Studies with Valid qualifying Scores	0	18	21
No. of Students turned entrepreneur in Engineering/ Technology (Z)	0	15	10
X+Y+Z=	209	228	262
Placement Index: (X+Y+Z)/N	0.826	00.778	0.888
Average Placement= (P1+P2+P3)/3	0.830		

Table B.7.3: Improvement in Placement, Higher Studies and Entrepreneurship

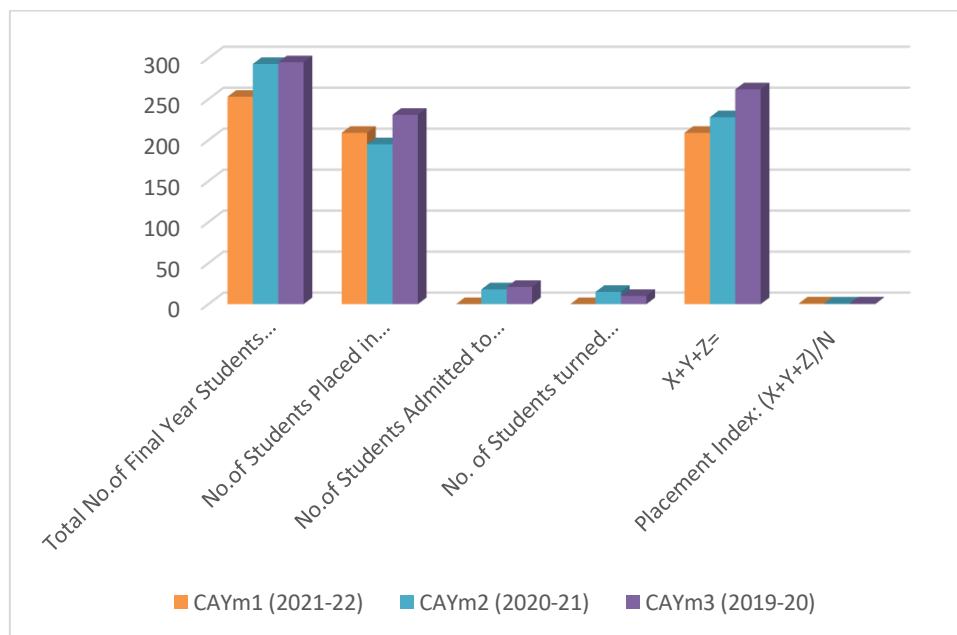


Figure 7.3: Improvement in Placement, Higher Studies and Entrepreneurship

7.4. Improvement in the quality of students admitted to the program (10)

Assessment is based on improvement in terms of ranks/score in qualifying state level/national level entrances tests, percentage marks in Physics, Chemistry and Mathematics in 12th Standard and percentage marks of the lateral entry students.

Item		2021-22	2020-21	2019-20
National Level Entrance Examination(Name of Exam:AIEEE)	No. of students admitted	240	240	240
	Opening Score			
	Closing Score			
Lateral entry details	No. of students admitted	19(tentative)	53	55
	Opening Score/Rank	NA	NA	NA
	Closing Score/Rank	NA	NA	NA

Table B.7.4: Improvement in the quality of students admitted to the program

Figure 7.4: Improvement in the quality of students admitted to the program

CRITERION 8	First Year Academics	50
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8.1 First Year student faculty Ratio (5)

Data for first year courses to calculate FYSFR

Year	No. of students (Approved intake strength)	No. of faculty members (Considering fractional load)	FYSFR	Assessment = (5×20)/Average FYSFR (Limited to Max. 5)
2021-22	990	46	21.52	4.64
2020-21	990	50	19.8	5.05 ≈ 5
2019-20	990	50	19.8	5.05 ≈ 5
Average	990	48.66	20.37	4.88

Table 8.1.1

8.2 Qualification of Faculty Teaching First Year Common Courses (5)

Assessment of qualification = $(5X+3Y)/RF$, X = No. of Regular Faculty with Ph.D., Y = No. of Regular Faculty with Post Graduate qualification, RF = No. of faculty members required as per SFR of 20:1, faculty definition as define in 5.1

Year	X	Y	RF	Assessment of faculty qualification (5X+3Y)/RF
2021-22	20	26	49.5	3.59
2020-21	21	29	49.5	3.87
2019-20	31	19	49.5	4.28
Average Assessment				3.91

Table 8.2.1

8.3 First Year Academic Performance (10)

Academic Performance = ((Mean of 1st Year Grade Point Average of all successful Students on a 10 point scale) or (Mean of the percentage of marks in First Year of all successful students/10)) x(number of successful students/number of students appeared in the examination)

Successful students are those who are permitted to proceed to the second year.

First Year Academic Performance is shown in the table below:

SR.NO.	CAY	Academic Performance (10 SCALE)
1.	2021-22 SEM-I	9.9
2.	2020-21 SEM-I	8.8
3.	2020-21 SEM-II	9.9
4.	2019-20 I SEM	6.18
5.	2019-20 II SEM	9.3

Table 8.3.1: Academic Performance

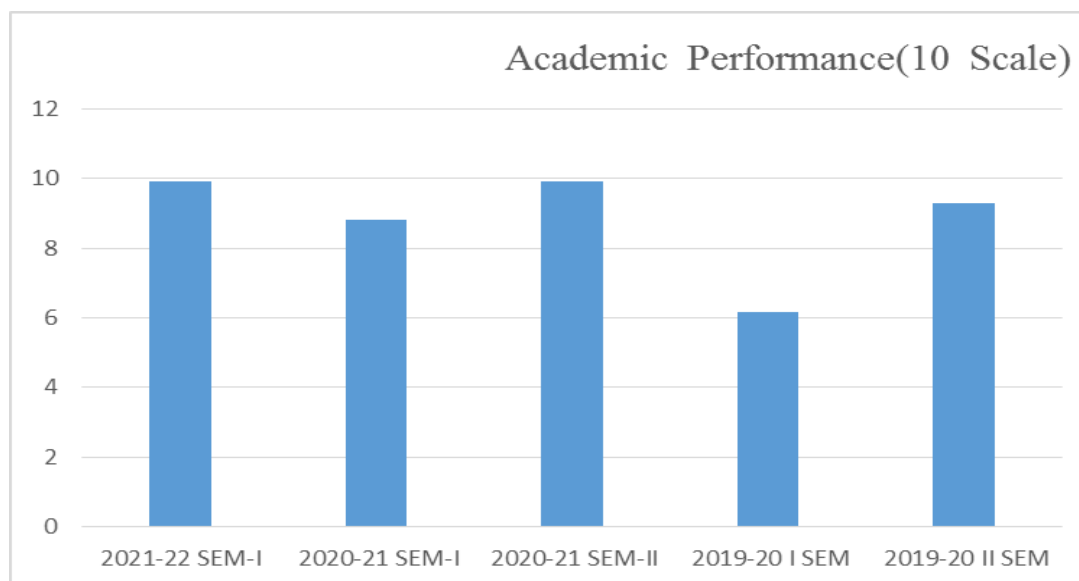


Chart 8.3.1: Academic Performance

ACADEMIC PERFORMANCE (10 SCALE)

Year	SUBJECT	No. of Students	Passed	Mean of %	10 SCALE
2021-2022 I SEM	Human Values	387	377	97.15	9.46
	Communication Skills	361	347	96.12	9.23
	Engineering Physics	361	266	73.8	5.40
	Engineering Mathematics-I	750	544	72.53	5.26
	Basic Civil Engg	387	260	67.18	4.51
	Programming for Problem Solving	387	334	88.2	7.61
	Engineering Chemistry	387	332	88	7.54
	Electrical Engineering	361	264	73.4	5.36
	Basic Mechanical Engineering	361	314	86.98	7.56

Table 8.3.2 Academic Performance 2021-22(SEM-I)

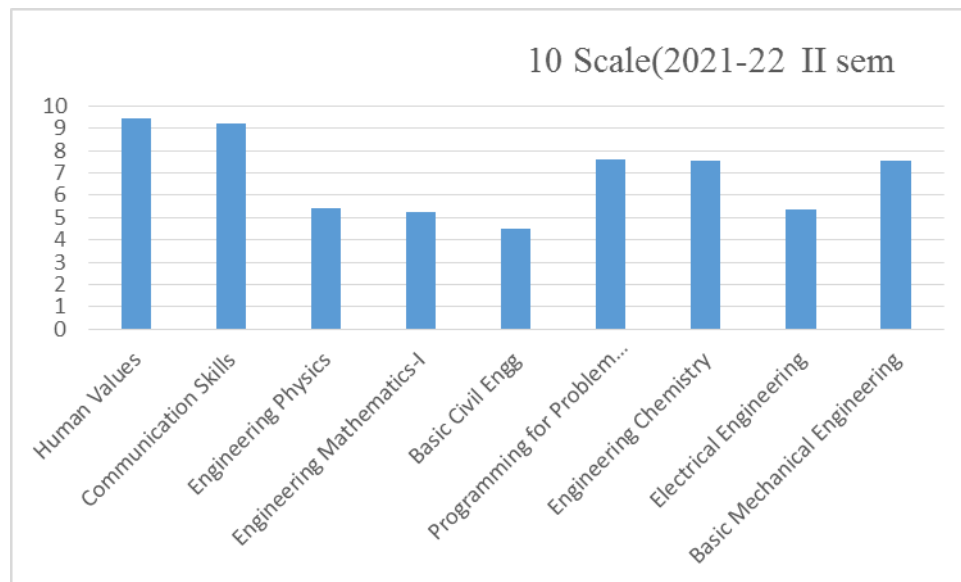


Chart 8.3.2: Academic Performance 2021-22(SEM-I)

YEAR	SUBJECT	No. of Students	Passed	Mean of %	10 scale
2020-21 I SEM	Human Values	515	515	100	10
	Communication Skills	452	450	99.5	9.90
	Engineering Physics	448	445	99.55	9.88
	Engineering Mathematics-I	959	957	99.79	9.95
	Basic Civil Engineering	515	515	100	10
	Programming for Problem Solving	515	515	100	10
	Engineering Chemistry	516	516	100	10
	Electrical Engineering	444	441	99.32	9.86
	Basic Mechanical Engineering	444	442	99.54954955	9.91
	AVERAGE				

Table 8.3.3 Academic Performance 2020-21 (SEM-I)

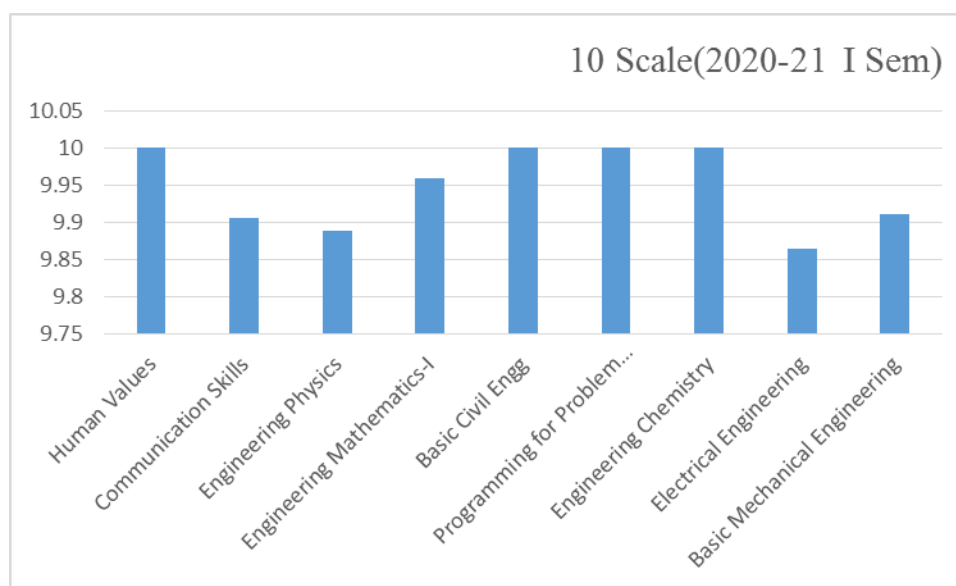


Chart 8.3.3: Academic Performance 2020-21-(SEM-I)

YEAR	SUBJECT	10 scale
2020-21 IISEM	Human Values	9.86
	Communication Skills	10.00
	Engineering Physics	10.00
	Engineering Mathematics-II	9.94
	Basic Civil Engg	9.86
	Programming for Problem Solving	9.86
	Engineering Chemistry	9.86
	Electrical Engineering	10.00
	Basic Mechanical Engineering	10.00

Table 8.3.4 Academic Performance 2020-21 (SEM-II)

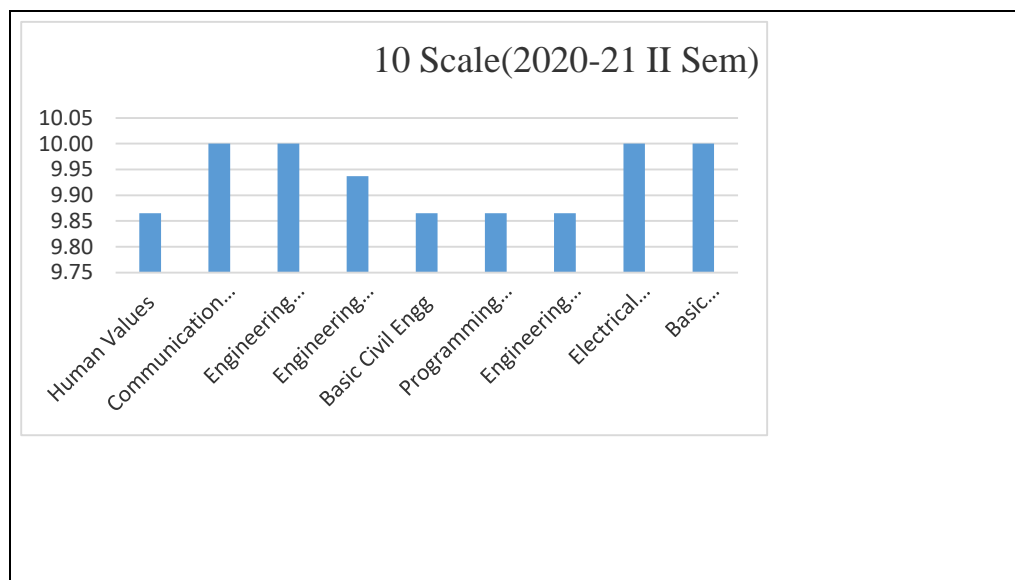


Chart 8.3.4: Academic Performance 2020-21 (SEM-II)

YEAR	SUBJECT	No. of Students	Passed	Mean of %	10 scale
2019-20 I SEM	Human Values	448	425	94.8	8.99
	Communication Skills	451	428	94.9	9
	Engineering Physics	444	274	61.72	3.80
	Engineering Mathematics-I	891	592	66.44	4.41
	Basic Civil Engineering	378	364	96.29	9.27
	Programming for Problem Solving	449	335	75	5.59
	Engineering Chemistry	436	362	83	6.89
	Electrical Engineering	450	256	56.88	3.23
	Basic Mechanical Engineering	465	309	66.5	4.41
	AVERAGE				6.18

Table 8.3.5 Academic Performance 2019-20 (SEM-I)

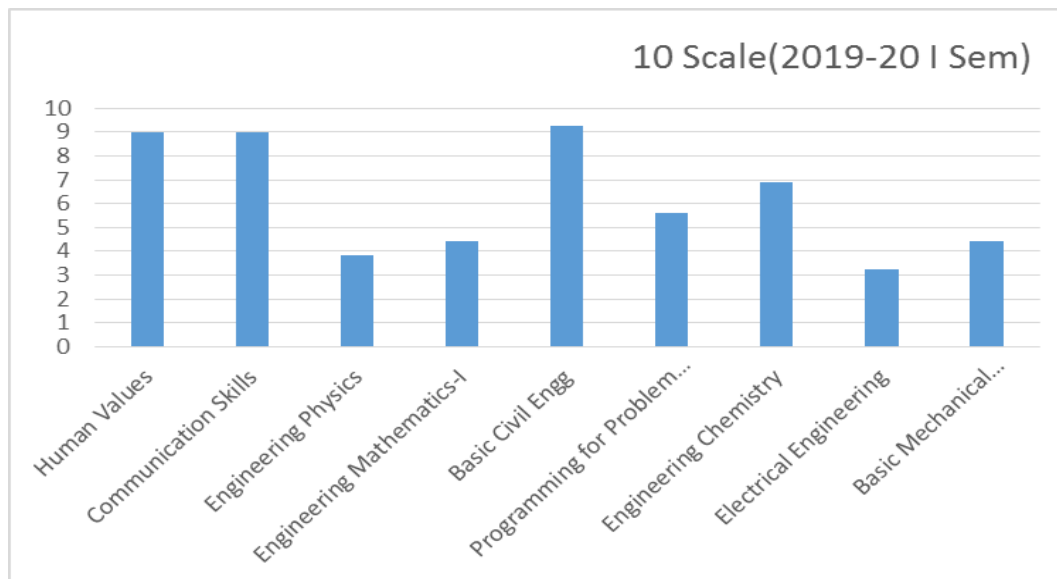


Chart 8.3.5: Academic Performance 2019-(I SEM)

YEAR	SUBJECT	No. of Students	Passed	Mean of %	10 scale
2019-20 II SEM	Human Values	447	423	94.6	8.95
	Communication Skills	433	418	96.53	9.31
	Engineering Physics	446	435	97.34	9.49
	Engineering Mathematics-II	889	851	95.73	9.16
	Basic Civil Engineering	446	439	98.43	9.68
	Programming for Problem Solving	446	425	95.29	9.08
	Engineering Chemistry	457	440	96.2	9.26
	Electrical Engineering	447	440	98.43	9.68
	Basic Mechanical Engineering	456	434	95.17	9.05
	AVERAGE				9.3

Table 8.3.6 Academic Performance 2019-20 (SEM-II)

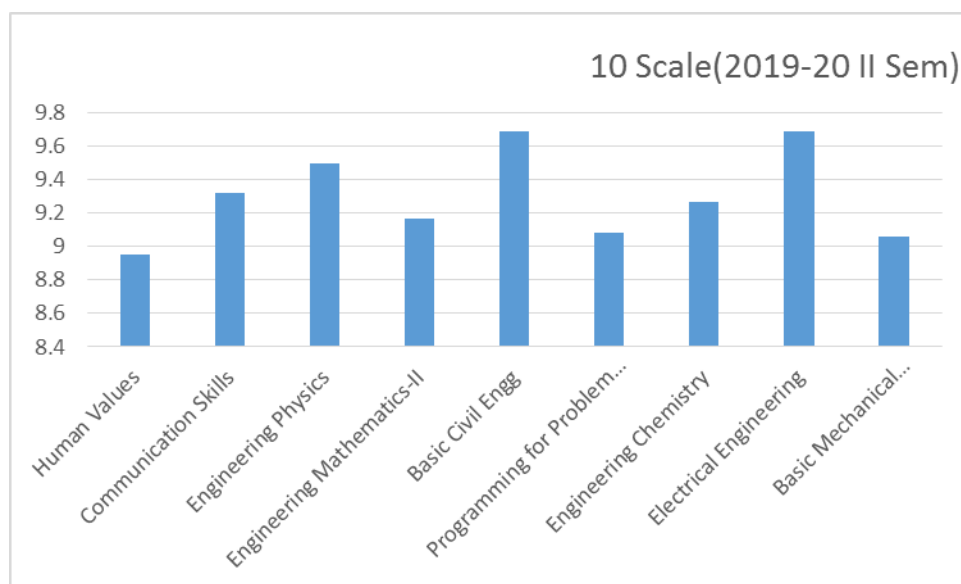


Chart 8.3.6: Academic Performance 2019-(SEM-II)

8.4.1 Describe the assessment processes used to gather the data upon which the evaluation of course outcomes of first year is done (5)

The assessment process to gather the data for the evaluation of course outcome is as follows:

1. The assessment at first year has two parts i.e.
(a) Internal Assessment (b) External Assessment
2. Internal Assessment: It includes two Mid Term Tests, Assignments & Presentations based on course outcomes.
3. Evaluation of these tests is done to determine the performance of students and recorded as co analysis/attainment. The weightage of internal assessment is kept 20%.
4. External Assessment: It is done from the performances of students in end term examination which consist of a weightage of 80 %. As the information on performance in Semester End Term Examination of each student in individual CO is not available, so the Institution/Department has taken the CO attainment for any CO by calculating average marks and taking that value for all COs of the course.

Attainment of CO in a course = 80% of attainment in end term examination + 20% of attainment in internal assessment*

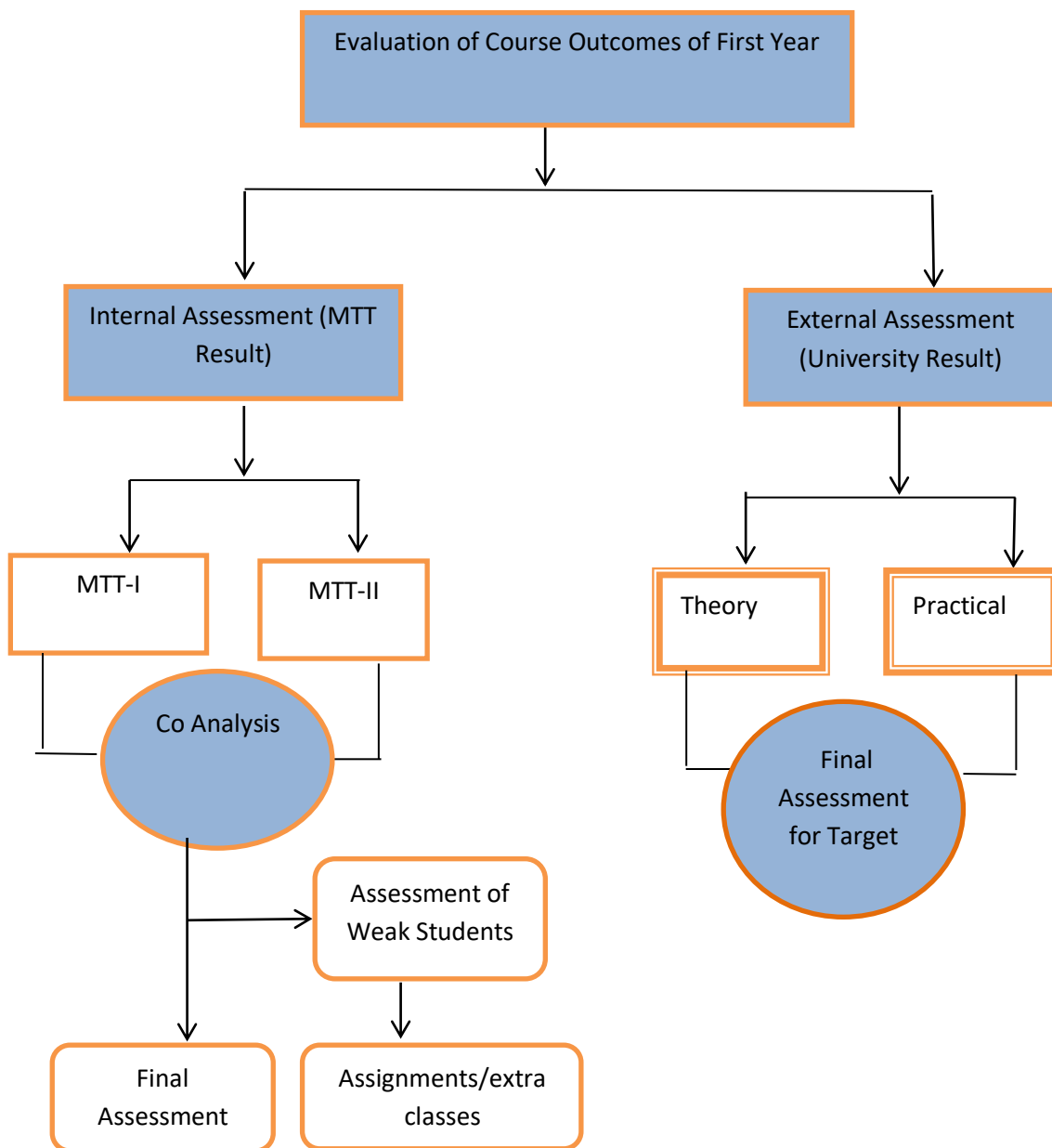
* Internal assessment = Attainment in midterm examination + assignment & presentations

5. Assessment tools and distribution of marks for each theory & laboratory course is as follows:

Assessment Tool	Maximum Marks	Weightage
Internal assessment exam (Avg. 2 Mid Term Tests)	50	20%
Assignment	10	
Presentations	10	
Every day lab session (Continuous evaluation) Each experiment of 10 marks	30	60%
Laboratory Internal Examination	30	
End Term Examination- Theory	70	80%
End Term Examination- Laboratory	40	40%

Table 8.4.1: Distribution of Marks for Theory & Lab Courses Evaluation

Flow Chart: The Process of assessment for evaluation of Course Outcomes



8.4.2. Record the attainment of Course Outcomes of all first year courses(5)

Program shall have set attainment levels for all first year courses.

(The attainment levels shall be set considering average performance levels in the university examination or any higher value set as target for the assessment years. Attainment level is to be measured in terms of student performance in internal assessments with respect the COs of a subject plus the performance in the University examination)

8.4.2.1: Target attainments for the CAYm3, CAYm2 & CAYm1 are as follows:

Academic Year	Target
CAYm3	60%
CAYm2	60%
CAYm1	60%

Table 8.4.2.1

8.4.2.2: Following table shows the attainment of course outcome

CO ATTAINMENT FOR YEAR 2021-22(Sem-I)					
Subject Code	Subject Name	Course Outcome	RTU (80%)	MTT (20%)	TOTAL (100%)
			x	y	.8x+.2y
1FY2-01	Engineering Mathematics-I	CO-1	24.69	30.9	25.93
		CO-2	24.69	21.35	24.02
		CO-3	24.69	33.68	26.486
		CO4	24.69	16.44	23.04
1FY2-02	Engineering Physics	CO-1	36.54	41.33	37.5
		CO-2	36.54	37.16	36.66
		CO-3	36.54	52.66	39.76
		CO-4	36.54	27.83	34.8
1FY2-03	Engineering Chemistry	CO-1	42	54.16	44.432
		CO-2	42	40.62	41.724
		CO-3	42	60	45.6
		CO4	42	59.2	45.44
1FY2-04	Communication Skills	CO-1	96.12	45.8	86.05
		CO-2	96.12	33.8	83.65
		CO-3	96.12	51.2	87.13
1FY1-05	Human Values	CO-1	52.15	75.54	56.828
		CO-2	52.15	67.84	55.288
		CO-3	52.15	71.29	55.978
1FY1-06	Programming For Problem Solving	CO-1	51.6	30.7	47.42
		CO-2	51.6	27.4	46.76
		CO-3	51.6	43	49.88
		CO-4	51.6	22.3	45.88
1FY3-07	Basic Mechanical Engineering	CO-1	70.48	70.11	70.41
		CO-2	70.48	63.39	69.06
		CO-3	70.48	64.43	69.27

		CO-4	70.48	59.69	68.32
1FY3-08	Basic Electrical Engineering	CO-1	43.33	28.33	40.33
		CO-2	43.33	18.66	38.396
		CO-3	43.33	11.33	36.93
1FY3-09	Basic Civil Engineering	CO-1	39.79	79.61	47.75
		CO-2	39.79	70.92	46.02
		CO-3	39.79	84.34	48.70
		CO-4	39.79	70.6	45.95
1FY2-20	Engineering Physics Lab	CO-1	98.98	98.98	98.98
		CO-2	98.98	98.98	98.98
1FY2-21	Engg. Chemistry Lab	CO-1	100	100	100
		CO-2	100	100	100
		CO-3	100	100	100
1FY2-22	Language Lab	CO-1	99.9	99.9	99.9
		CO-2	99.9	99.9	99.9
		CO-3	99.9	99.9	99.9
1FY2-23	Human Values Activities	CO1	100	100	100
		CO2	100	100	100
		CO3	100	100	100
1FY3-24	Computer Programming Lab	CO1	98.7	98.7	98.7
		CO2	98.7	98.7	98.7
		CO3	98.7	98.7	98.7
1FY3-25	Manufacturing Practices Workshop	CO1	97.75	98.67	98.96
		CO2	97.75	98.67	98.96
		CO3	97.75	98.67	98.96
		CO4	97.75	98.67	98.96
1FY3-26	Basic Electrical Engineering Lab	CO1	100	100	100
		CO2	100	100	100
		CO3	100	100	100
1FY3-27	Basic Civil Engineering Lab	CO1	98.19	98.64	98.28
		CO2	98.19	98.72	98.30
		CO3	98.19	97.99	98.15
1FY3-28	Computer Aided Engineering Graphics	CO1	99	93.82	97.96
		CO2	99	91.42	97.48
		CO3	99	93.25	97.85
		CO4	99	91.05	97.41
1FY3-29	Computer Aided Machine Drawing	CO1	98.78	97.3	98.48
		CO2	98.78	97.22	98.47
		CO3	98.78	96.73	98.37
		CO4	98.78	93.82	97.79

Table 8.4.2.2: CO Attainment 2021-22 Semester-I

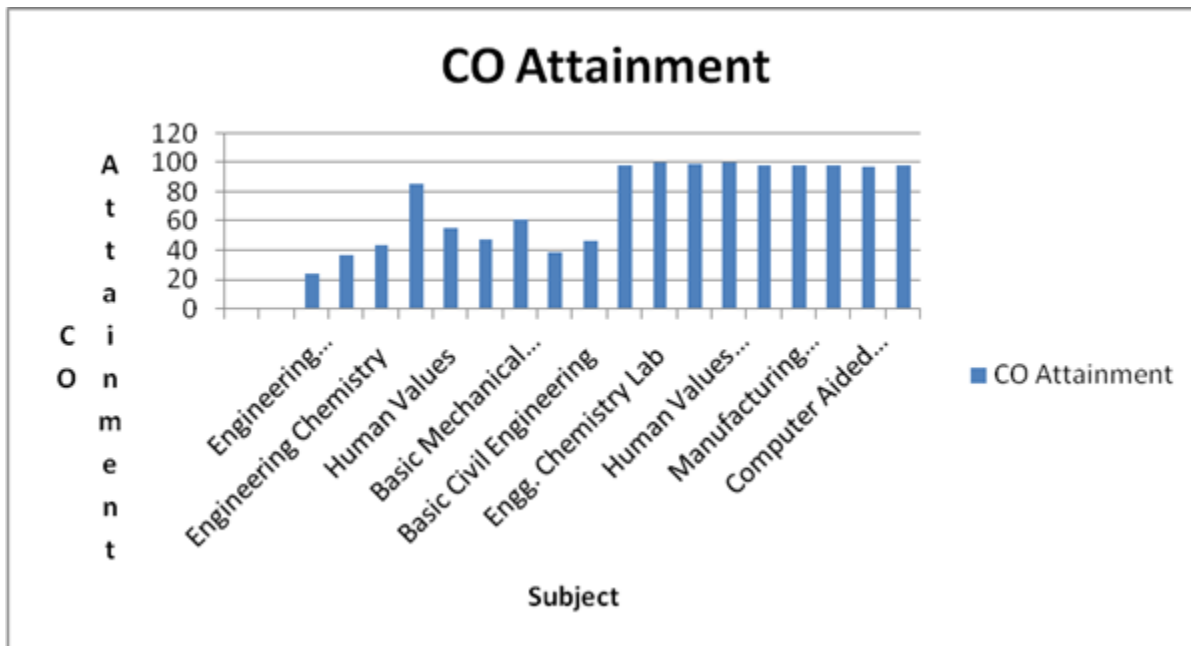


Chart 8.4.2.1:CO attainment 2021-22 I Sem

CO ATTAINMENT FOR YEAR 2020-21(Sem-I)

Subject Code	Subject Name	Course Outcome	RTU (80%)	MTT (20%)	TOTAL (100%)
			x	y	.8x+.2y
1FY2-01	Engineering Mathematics-I	CO-1	99.06	96	98.45
		CO-2	99.06	45	88.25
		CO-3	99.06	95	98.25
		CO4	99.06	44	88.05
1FY2-02	Engineering Physics	CO-1	98.93	80.98	95.34
		CO-2	98.93	79.82	95.108
		CO-3	98.93	62.8	91.704
		CO-4	98.93	50	89.144
1FY2-03	Engineering Chemistry	CO-1	99.48	98.85	99.354
		CO-2	99.48	95.61	98.706
		CO-3	99.48	85.99	96.782
		CO4	99.48	89.29	97.442
1FY2-04	Communication Skills	CO-1	99.06	93.84	98.016
		CO-2	99.06	93.4	97.928
		CO-3	99.06	75.38	94.324
1FY1-05	Human Values	CO-1	99.06	93.84	98.016
		CO-2	99.06	93.4	97.928
		CO-3	99.06	75.38	94.324
1FY3-06	Programming For Problem Solving	CO-1	95.83	NA	95.83
		CO-2	95.83	94.6	95.584
		CO-3	95.83	56.8	88.024
		CO-4	95.83	40.6	84.784
1FY3-09	Basic Civil Engineering	CO-1	98.96	99	98.968
		CO-2	98.96	99	98.968
		CO-3	98.96	83	95.768
		CO-4	98.96	78	94.768
1FY2-21	Engg. Chemistry Lab	CO-1	99.38	100	99.504
		CO-2	99.38	100	99.504
		CO-3	99.38	100	99.504
1FY1-23	Human Values Activities	CO-1	99.58	100	99.664
		CO-2	99.58	100	99.664
		CO-3	99.58	100	99.664
1FY3-24	Computer Programming Lab	CO-1	97.29	100	97.832
		CO-2	97.29	100	97.832
		CO-3	97.29	100	97.832
1FY3-27	BCE Lab	CO1	99.17	100	99.336
		CO2	99.17	100	99.336
		CO3	99.17	100	99.336
1FY3-28	CAEG	CO1	96.56	92.43	95.734
		CO2	96.56	92.43	95.734
		CO3	96.56	84.76	94.2

Table 8.4.2.3: CO Attainment for 2020-21 Semester-I

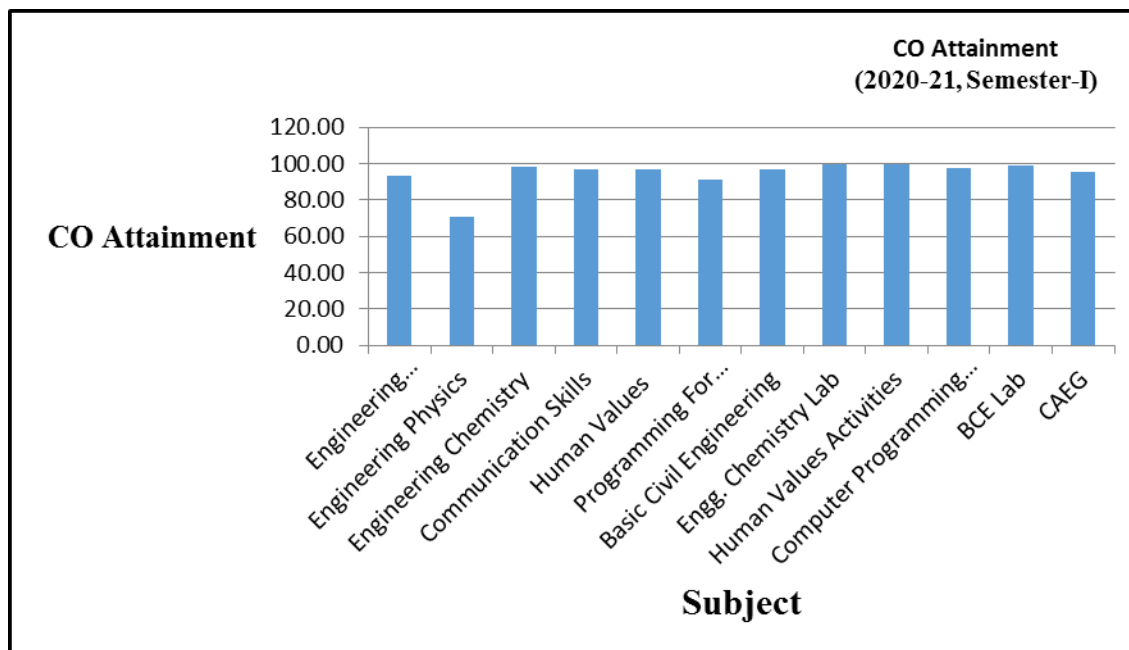


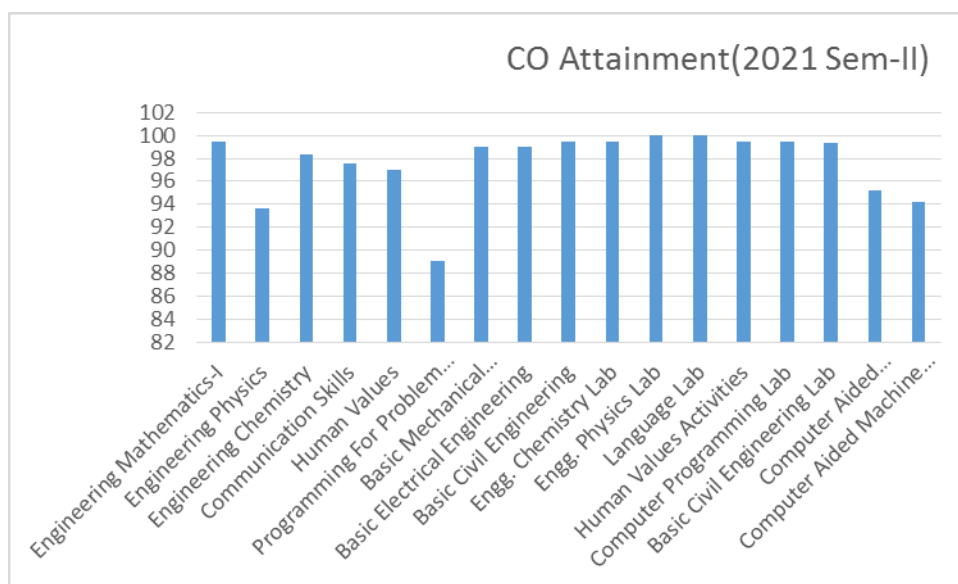
Chart 8.4.2.3: CO Attainment for 2020-21, Semester-I

CO ATTAINMENT FOR YEAR 2020-21(Sem-II)

Subject Code	Subject Name	Course Outcome	RTU (80%)	MTT (20%)	TOTAL (100%)
			x	y	.8x+.2y
1FY2-01	Engineering Mathematics-I	CO-1	79.83	19.21	99.04
		CO-2	79.83	19.60	99.44
		CO-3	79.83	19.6	99.43
		CO4	79.83	20.00	99.83
1FY2-02	Engineering Physics	CO-1	80.00	16.20	96.20
		CO-2	80.00	15.96	95.96
		CO-3	80.00	12.56	92.56
		CO-4	80.00	10.00	90.00
1FY2-03	Engineering Chemistry	CO-1	79.86	19.77	99.63
		CO-2	79.86	19.12	98.98
		CO-3	79.86	17.20	97.05
		CO4	79.86	17.86	97.71
1FY2-04	Communication Skills	CO-1	80.00	18.77	98.77
		CO-2	80.00	18.68	98.68
		CO-3	80.00	15.08	95.08
1FY1-05	Human Values	CO-1	79.46	18.77	98.22

		CO-2	79.46	18.68	98.14
		CO-3	79.46	15.08	94.53
1FY3-06	Programming For Problem Solving	CO-1	79.46	NA	79.46
		CO-2	79.46	18.92	98.38
		CO-3	79.46	11.36	90.82
		CO-4	79.46	8.12	87.58
1FY3-07	Basic Mechanical Engineering	CO-1	80.00	18.55	98.97
		CO-2	80.00	19.00	98.97
		CO-3	80.00	9.48	98.97
		CO-4	80.00	8.54	98.97
1FY3-08	Basic Electrical Engineering	CO-1	80.00	19.80	98.97
		CO-2	80.00	19.80	98.97
		CO-3	80.00	16.60	98.97
		CO-4	80.00	15.60	98.97
1FY3-09	Basic Civil Engineering	CO-1	79.46	20.00	99.46
		CO-2	79.46	20.00	99.46
		CO-3	79.46	20.00	99.46
		CO-4	79.46	20.00	99.46
1FY2-21	Engg. Chemistry Lab	CO-1	79.46	20.00	99.46
		CO-2	79.46	20.00	99.46
		CO-3	79.46	20.00	99.46
1FY2-22	Engg. Physics Lab	CO-1	80.00	20.00	100.00
		CO-2	80.00	20.00	100.00
		CO-3	80.00	20.00	100.00
1FY1-23	Human Values Activities	CO-1	79.46	20.00	99.46
		CO-2	79.46	20.00	99.46
		CO-3	79.46	20.00	99.46
1FY3-24	Computer Programming Lab	CO-1	79.46	20.00	99.46
		CO-2	79.46	20.00	99.46
		CO-3	79.46	20.00	99.46
1FY3-27	Basic Civil Engineering Lab	CO1	79.46	20.00	99.34
		CO2	79.46	20.00	99.34
		CO3	79.46	20.00	99.34
1FY3-28	Computer Aided Engineering Graphics	CO1	79.46	18.49	95.73
		CO2	79.46	18.49	95.73
		CO3	79.46	16.95	94.2
1FY3-29	Computer Aided Machine Drawing	CO1	80.00	17.92	94.2
		CO2	80.00	18.93	94.2
		CO3	80.00	18.52	94.2

Table 8.4.2.4: CO Attainment for 2020-21 Semester-II



Char t8. 4.2.4.: CO Attainment for 2019-20, Semester-I

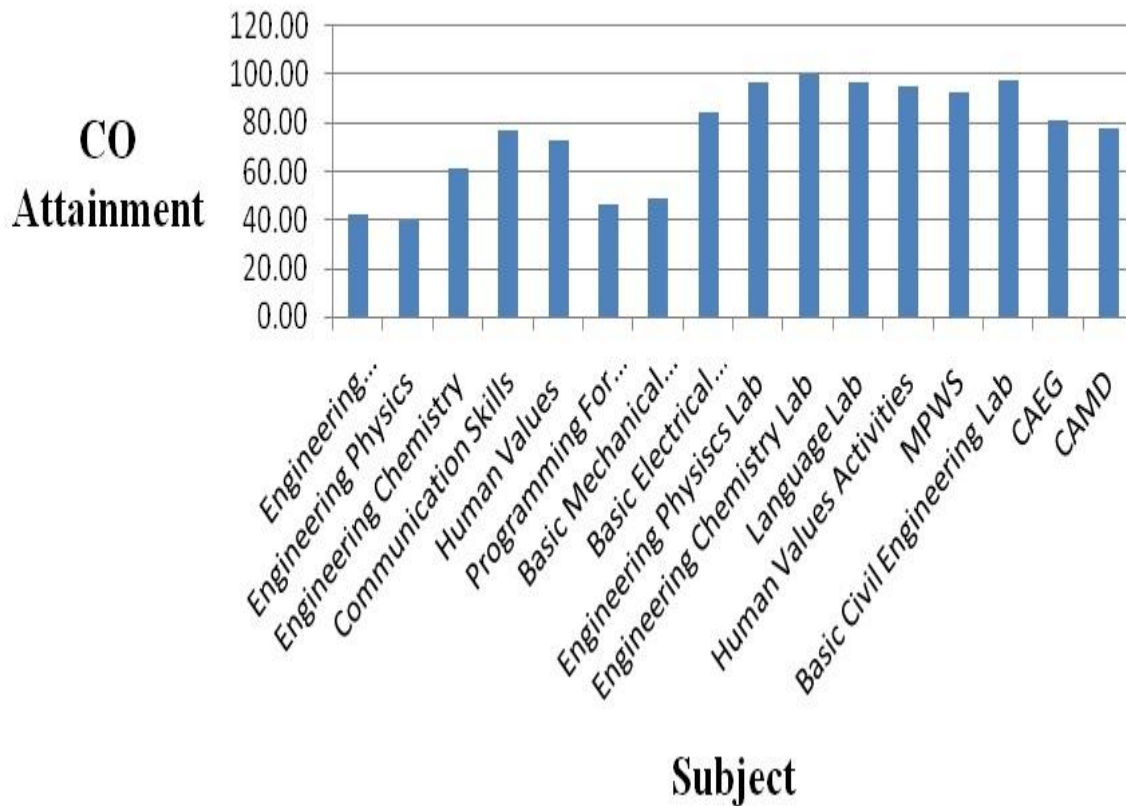
CO Attainment 2019-20 Semester-I

Subject Code	Subject Name	Course Outcome	RTE (80%)	MTE (20%)	TOTAL (100%)
			x	y	.8x+.2y
1FY2-01	Engineering Mathematics-I	CO-1	40	51.19	42.24
		CO-2	40	56.19	43.24
		CO-3	40	50.32	42.06
		CO4	40	38.37	39.67
1FY2-02	Engineering Physics	CO-1	33.68	70.92	41.13
		CO-2	33.68	36.97	34.34
		CO-3	33.68	81.33	43.21
		CO-4	33.68	60.16	38.98
1FY2-03	Engineering Chemistry	CO-1	62.4	50	59.92
		CO-2	62.4	36	57.12
		CO-3	62.4	86	67.12
		CO4	62.4	56	61.12
1FY1-04	Communication Skills	CO-1	77.68	84.9	79.12
		CO-2	77.68	74.19	76.98
		CO-3	77.68	57.84	73.71
1FY1-05	Human Values Activities	CO-1	75.38	71.8	74.66
		CO-2	75.38	61.6	72.62
		CO-3	75.38	57.4	71.78

1FY3-06	Programming For Problem Solving	CO-1	40	72.4	46.48
		CO-2	40	70.7	46.14
		CO-3	40	70.7	46.14
		CO-4	40	65.3	45.06
1FY3-07	Basic Mechanical Engineering	CO-1	47.57	66.59	51.37
		CO-2	47.57	60.3	50.12
		CO-3	47.57	48.15	47.69
		CO-4	47.57	46.73	47.40
1FY3-08	Basic Electrical Engineering	CO-1	62.94	85.46	67.44
		CO-2	94.96	85.46	93.06
		CO-3	94.74	85.46	92.88
1FY2-20	Engineering Physics Lab.	CO-1	97%	98.5	97.30
		CO-2	97%	97.5	97.10
1FY2-21	Engg. Chemistry Lab	CO-1	100	100	100.00
		CO-2	100	100	100.00
		CO-3	100	100	100.00
1FY1-22	Language Lab	CO-1	96.9	97	96.92
		CO-2	97.1	97	97.08
		CO-3	96.9	97	96.92
1FY1-23	Human Values Activities	CO-1	95.1	95.2	95.12
		CO-2	95.2	95.2	95.20
		CO-3	95.1	95.2	95.12
1FY3-25	MPWS	CO1	92.06	90.73	91.79
		CO2	93.64	92.06	93.32
1FY3-27	BCE Lab	CO-1	98	97.5	97.90
		CO-2	98	97	97.80
		CO-3	98	96	97.60
1FY3-28	CAEG	CO1	79.89	93.96	82.70
		CO2	79.89	93.96	82.44
		CO3	79.89	92.65	78.75
1FY3-29	CAMD	CO1	77.81	74.20	77.09
		CO2	77.81	74.20	75.17
		CO3	77.81	64.63	80.39

Table8.4.2.5: CO Attainment for 2019-20, Semester-I

CO Attainment 2019-20, Semester-I



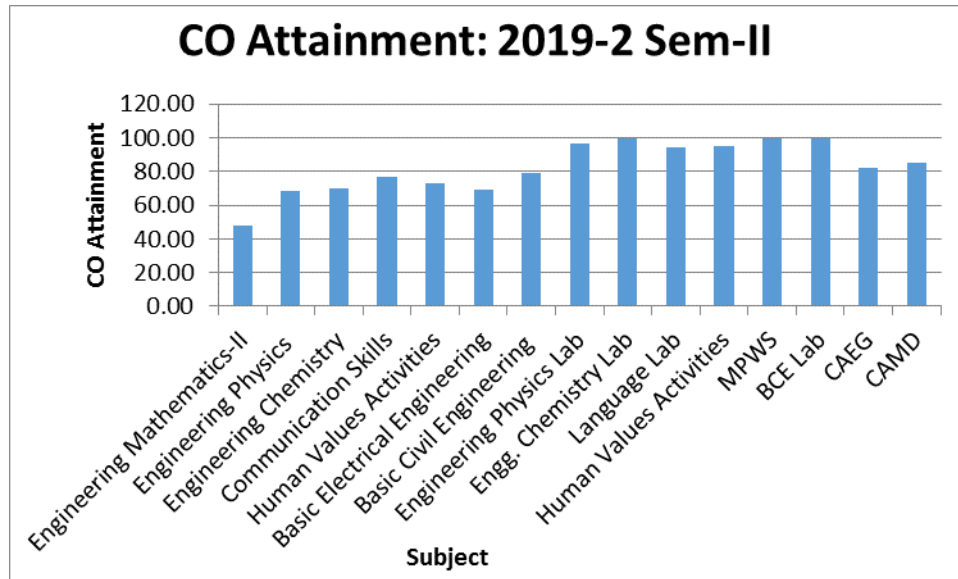
Char t8. 4.2.6.: CO Attainment for 2019-20, Semester-I

CO Attainment 2019-20 Semester-II

Subject Code	Subject Name	Course Outcome	RTE (80%)	MTE (20%)	TOTAL (100%)
			x	y	.8x+.2y
2FY2-01	Engineering Mathematics-II	CO-1	46.76	44.73	46.35
		CO-2	46.76	32.81	43.97
		CO-3	46.76	71.15	51.64
		CO-4	46.76	64.56	50.32
2FY2-02	Engineering Physics	CO-1	68.49	64.02	67.60
		CO-2	68.49	47.95	64.38
		CO-3	68.49	81.52	71.10
		CO-4	68.49	77.03	70.20
2FY2-03	Engineering Chemistry	CO-1	70.4	49	66.12

		CO-2	70.4	40	64.32
		CO-3	70.4	95	75.32
		CO-4	70.4	84	73.12
1FY1-04	Communication Skills	CO-1	77.68	84.9	79.12
		CO-2	77.68	74.19	76.98
		CO-3	77.68	57.84	73.71
1FY1-05	Human Values Activities	CO-1	75.38	71.8	74.66
		CO-2	75.38	61.6	72.62
		CO-3	75.38	57.4	71.78
2FY3-08	Basic Electrical Engineering	CO-1	62.9386	65.77	65.20
		CO-2	94.9561	65.77	71.61
		CO-3	94.7368	65.77	71.56
2FY3-09	Basic Civil Engineering	CO-1	82.51	36.5	73.31
		CO-2	82.51	43.5	74.71
		CO-3	82.51	98	85.61
		CO-4	82.51	89	83.81
2FY2-20	Engineering Physics Lab	CO-1	96%	98.2	96.44
		CO-2	96%	97.8	96.36
2FY2-21	Engg. Chemistry Lab	CO-1	100	100	100.00
		CO-2	100	100	100.00
		CO-3	100	100	100.00
2FY1-22	Language Lab	CO-1	94.1	94.3	94.14
		CO-2	94.2	94.3	94.22
		CO-3	94.3	94.3	94.30
2FY1-23	Human Values Activities	CO-1	95.1	95	95.08
		CO-2	95.2	95	95.16
		CO-3	94.9	95	94.92
2FY3-25	MPWS	CO1	91.23	90.73	91.13
		CO2	93.64	88.36	92.58
2FY3-27	BCE Lab	CO-1	99.78	98	99.42
		CO-2	99.78	98.5	99.52
		CO-3	99.78	97	99.22
2FY3-28	CAEG	CO1	79.91	93.07	82.54
		CO2	79.91	93.07	82.07
		CO3	79.91	90.69	81.54
2FY3-29	CAMD	CO1	80.81	88.07	82.26
		CO2	80.81	88.07	83.19
		CO3	80.81	92.69	91.13

Table8.8.4.2.5: CO Attainment for 2019-20, Semester-I



Char t8. 4.2.7.: CO Attainment for 2019-20, Semester-II

PO Attainment Levels through First Year courses:

8.5.1: Indicate results of evaluation of each relevant PO and/or PSO, if applicable (15)

The relevant Program outcomes that are to be addressed at first year need to be identified by the institution.

Program outcome attainment levels shall be set for all relevant PO's and/or PSO's through First year courses.

(Describe the assessment processes that demonstrate the degree to which the Program outcomes are attained through First year courses and document the attainment levels. Also include information on assessment processes used to gather the data upon which the evaluation of each Program Outcome is based indicating the frequency with which these processes are carried out

8.5.1. Indicate results of evaluation of each relevant PO/PSO

Course	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
1FY2-01	Engineering Mathematics-I	3	3	2	1	2	1	2	0	3	2	0	1
1FY2-02	Engineering Physics	2	1	0	0	1	0	0	0	1	0	0	1
1FY2-03	Engineering Chemistry	2	1	1	1	0	2	1	0	0	1	0	1
1FY1-04	Communication Skills	0	0	1	0	0	0	1.33	0	0	3	0	1
1FY1-05	Human Values	0	0	2	0	0	3	2	3	2	1	0	1
1FY3-06	Programming for Problem Solving	1.75	1	0.5	0.5	0.5	0	0	0	0	1	0	1
1FY3-07	Basic Mechanical Engineering	3	1	2	0	0	1	2	2	1	2	2	2
1FY3-08	Basic Electrical Engineering	2.67	2.33	1.67	1.67	1.33	0	0	0	2	1	0	1
1FY3-09	Basic Civil Engineering	1.5	0.75	0.5	0	0	0.25	0.5	0.25	0.75	0.25	0.5	0.25
1FY2-20	Engineering Physics Lab	2	1	0	0	0	0	0	0	2	0	0	1
1FY2-21	Engineering Chemistry Lab	1.67	1.67	0.00	1.00	0.00	0.00	0.67	0.00	1.00	2.00	0.00	0.00
1FY1-22	Language Lab	0	1	0	0	0	1	0	0	3	3	0	1
1FY1-23	Human Values Activities	0	0	1	0	0	3	3	3	1	1	0	1

1FY3-24	Computer Programming Lab	1.67	1.67	0.67	0.00	1.00	0.00	0.00	1.00	1.00	2.00	0.00	1.00
1FY3-25	Manufacturing Practices Workshop	3	1.5	1	0.5	0	1	0.5	0	1	0.5	0.5	1.5
1FY3-26	Basic Electrical Engineering Lab	3	2.33	2	2	2	0	1	1	3	1	1	1
1FY3-27	Basic Civil Engineering Lab	1.33	1.33	0.67	0.00	0.33	1.00	1.00	0.33	1.33	1.00	0.00	0.67
1FY3-28	Computer Aided Engineering Graphics	3	1.5	2.5	1	2	2	2	3	2	3	2	3
1FY3-29	Computer Aided Machine Drawing	3	2	2	2	2	2	2	2	2	3	2	3
2FY2-01	Engineering Mathematics-2	3	3	2	1	2	1	2	0	3	2	0	1

Assessment Process used to gather the data upon which the evaluation of each Program Outcome is based

- PO Assessment=Direct assessment + Indirect Assessment
- Direct assessment= 80% weightage of end semester examination (ESE) + 20% weightage of Mid-Term examination (MTE)= $0.8x + 0.2y$
x=ESE, y=MTE
- Indirect assessment=Course exit survey & Co-curricular activities
CO assessment= $0.8 + 0.2y$
x=ESE, y=MTE
- Direct assessment and indirect assessment are mapped with PO assessment through rubrics as given below:

PO Assessment Tools for First Year

Category	Tools	Rubrics
Direct	Co Attainment	
Indirect	Course Exit Survey	Pro rata
	Co-curricular Activities	>=80% students participated/organized then target achieved else =pro rata

8.5.2. Actions taken based on the results of evaluation of relevant POs and PSOs (10) (The attainment levels by direct (student performance) are to be presented through Program level Course-PO matrix as indicated)

PO Attainment Levels and Actions for improvement – CAY only – Mention for relevant POs

POs	Target Level	Attainment Level	Observations
PO1: Engineering knowledge:			
PO1	2.12	1..54	<p>Observations:</p> <p>Observations:</p> <ul style="list-style-type: none"> Lack of understanding of basic concepts of mathematics, Physics, Mechanics and their application.
<p>Action 1: Prerequisites for all the subjects were discussed before commencement of semester.</p> <p>Action 2: Additional classes to be conducted improve the mathematical fundamental basics</p> <p>Action 3: E-resources were like NPTEL, youtube.com; learn engineering.org used to help students.</p>			
PO2: Problem analysis:			
PO2	1.58	1.07	<p>Observations :</p> <ul style="list-style-type: none"> Students were unable to formulate or analyze complex engineering problems by the knowledge of science and mathematics through first year subjects

Action 1: Students were made to solve problems of GATE, RTU and others competitive examinations.

Action 2: Students were made to participate in problem solving activities/contests like Ideathons & Hackathons.

Action 3: Students were mentored to participate in technical events inside and outside the college.

PO3: Design/development of solutions:

PO3	1.304	.96	Observations : <ul style="list-style-type: none">• More technical events need to be introduced during first year to develop design and development aptitude in students.
-----	-------	-----	---

Action 1: Students were made to participate in coding based contests like softechhack & smart Business Hackathon

Action 2: Different engineering problems were addressed through minor projects in First Year laboratories.

PO4: Conduct investigations of complex problems:

PO4	1.2	.886	Observations : <ul style="list-style-type: none">• Student's participation in the events where they can deal with complex problems, need to be improved
-----	-----	------	--

Action 1: Students were given chance to present their idea/ prototype and work with JECRC Incubation Cell.

Action 2: Participation in coding contests, workshops and other related activities was improved.

Action 3: Students were encouraged to review the problems addressed in research papers from different journals.

PO5: Modern tool usage:

PO5	.836	.612	Observations : <ul style="list-style-type: none">• Trainings and add-on courses should be added for First Year students
-----	------	------	--

Action 1: Add on workshops based on modern tool usage like machine learning & python were conducted for First Year students

Action 2: First year students participated in various technical club activities of the institute and

learnt product development using modern tools.

PO6: The engineer and society:

PO6	1.136	1.053	Observations : <ul style="list-style-type: none">• Students needed exposure to assess the social, health & cultural issues through application of reasoning
-----	-------	-------	--

Action 1: Students were made to participate in activities like “Aanandam” where the students performed the activities like plantations, save water & save energy etc.

Action 2: Many social activities were organized at institute level like Blood Donation camp where, they worked as coordinators and managed the mechanism and conduction of the event.

Action 3: Students participated in various social activities like Zarurat (where the students taught the under privilege children after college hours), Cleanliness drive, food and cloth distribution drive etc.

PO7: Environment and sustainability:

PO7	1.224	.9351	Observations : <ul style="list-style-type: none">• The awareness and understanding related to global and environmental issues need to be improved.
-----	-------	-------	---

Action 1: Webinars were conducted to address the environmental and sustainability issues in engineering.

Action 2: Students were encouraged to indulge in projects in which global and environmental issues were addressed

Action 3: Activities like Cleanliness Drive and Tree Plantation, No Food wastage campaign were organized to address environmental and sustainability issues.

PO8: Ethics:

PO8	1.032	.873	Observations: <p>Students have Professional ethics and showcase their moral and ethical values time to time. Little effort needs to be done to make them follow the norms of the engineering practice.</p>
-----	-------	------	---

Action1: Students as well as faculty members attended workshop on Universal Human Values for better understanding of professional ethics & responsibilities.

Action2: Students were encouraged to join the technical as well as social clubs at institute.

Action 3: Students participated in talks/webinars related to ethics.

PO9: Individual and team work:

PO9	1.50	1.135	Observations: <ul style="list-style-type: none">• Students need to be mentored for team work & to become team leaders starting from their First Year only
-----	------	-------	--

Action 1: Students were appointed as team leaders or coordinators in various technical & extracurricular activities introduced in first year.

Action 2: They participated as a team in technical activities like Hackathons and cultural activities.

PO10: Communication:

PO10	1.68	1.479	Observations: <ul style="list-style-type: none">• The communication, presentation and report writing skills are to be further improved among the students.
------	------	-------	---

Action 1: Language Lab activities such as group discussions, power writing and public speaking were conducted.

Action 2: Students were encouraged for self-learning through MOOCs courses and gave presentations in class.

Action 3: Students were made to prepare and present the presentations in their regular classes from their curriculum of each subject.

PO11: Project management and finance:

PO11	.776	.663	Observations: <p>There was very little scope for students in first year to learn project management and finance.</p>
------	------	------	---

Action 1: They were made to work in teams and make projects by working on every aspect of development of projects.

Action 2: First year students were motivated to be organizers of technical events in the department.

PO12: Life-long learning:

PO12	1.58	1.229	Observations : Participation in technical activities and understanding of new technology is to be improved in first year.
------	------	-------	---

Action 1: Students were motivated to explore and learn online courses through NPTEL, Swayam, Coursera etc. as per the need of technological change.

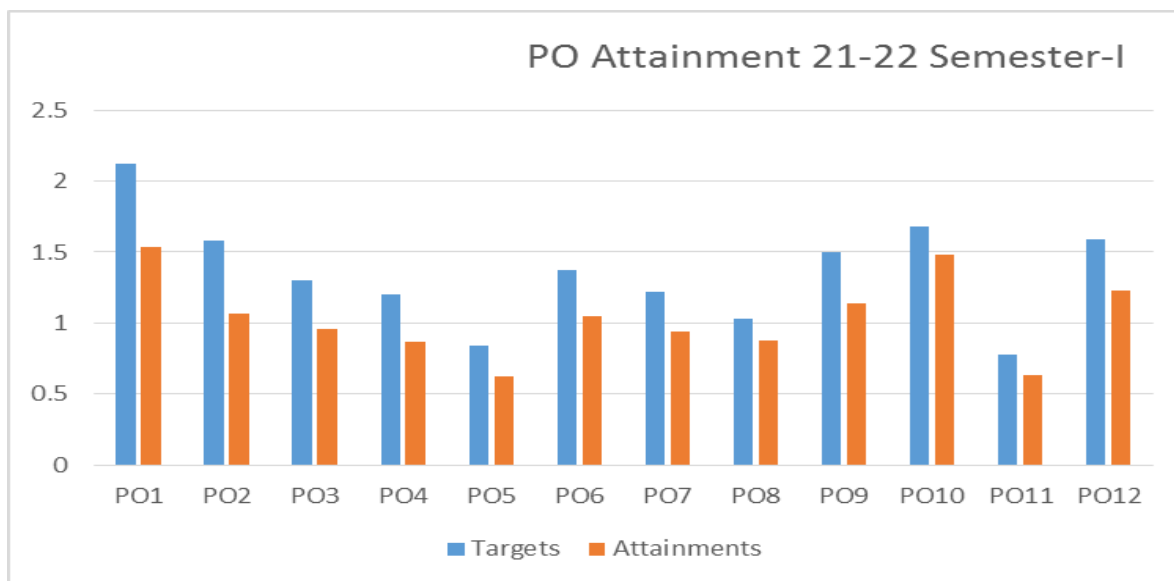
Action 2: Students were made to join various technical and social clubs of the college to recognize the need of changing technology..

Links:

https://jecrcfoundation.com/applied-science/tech_events

<https://jecrcfoundation.com/applied-science/jtechtrix>

<https://jecrcfoundation.com/student-corner/notes>



Graph for Session 2021-22 (Sem-1)



**SELF ASSESSMENT REPORT
(SAR)**

**FOR FIRST TIME ACCREDITATION OF
UNDERGRADUATE ENGINEERING PROGRAM (TIER-II)
(Computer Science and Engineering)**



JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE
Shri Ram Ki Nangal, Via Sitapura, RIICO
OPP. EPIP Gate, Tonk Road
Jaipur 302022

CRITERION 9	Student Support Systems	50
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9. STUDENT SUPPORT SYSTEMS (50)

9.1 Mentoring System to help at individual level (5)

Type of mentoring: Professional guidance/ career advancement/ course work specific/ laboratory specific/ all round development. Number of faculty mentors: Number of students per mentor: Frequency of meeting

Professional Guidance/ Career Advancement

An effective student mentoring system has already been implemented in our college to mentor throughout activities, performance and over all development of students.

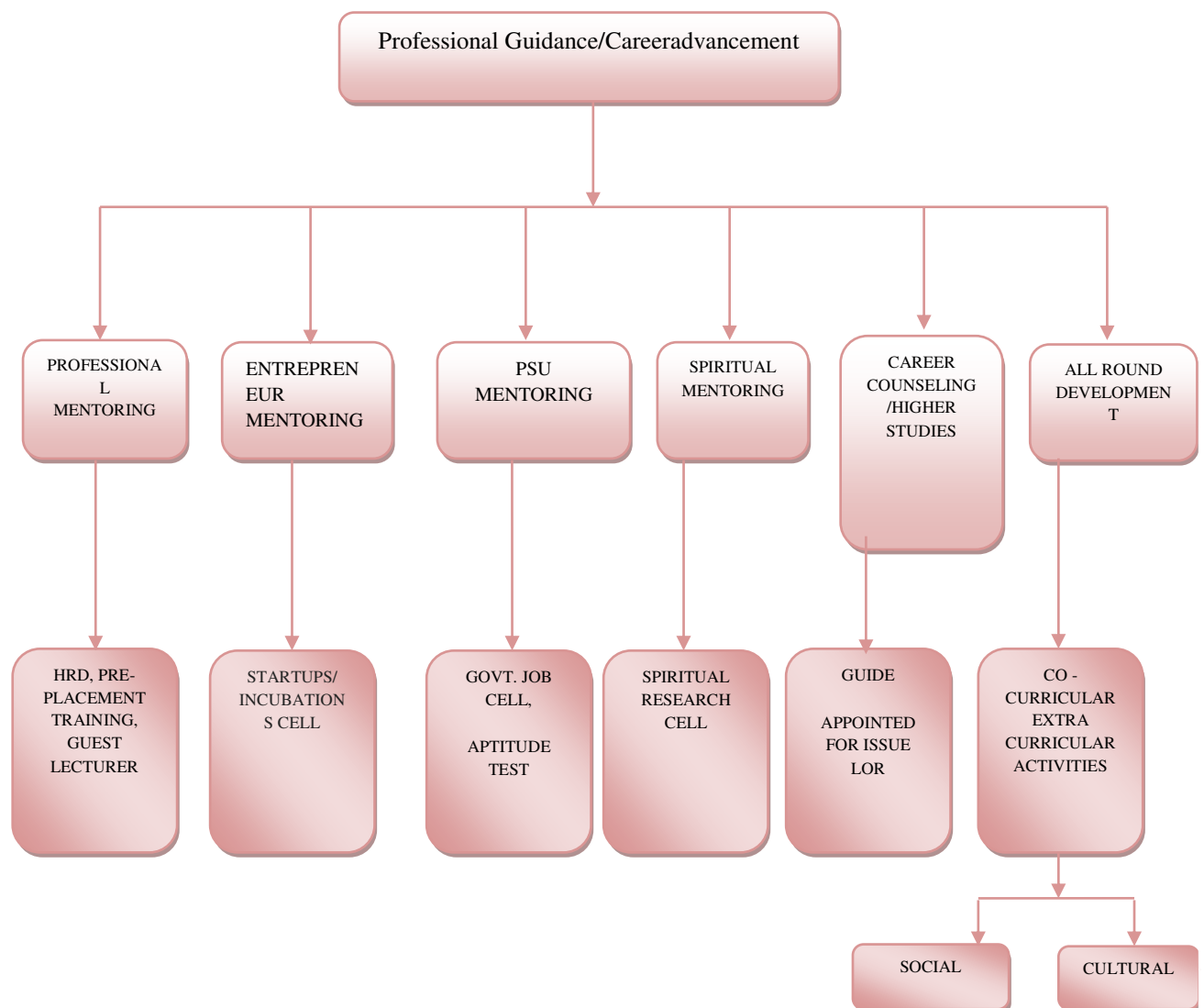


Fig 9.1a: Professional Guidance/ Career Advancement

S.No.	Type of Mentoring	Name
1	PSU Mentoring	Mr. P.K. Tiwari (Rtd. IPS)
		Mr. O.P. Jain (Rtd. IRS)
2	Professional Mentoring	Dr. S.N.Gupta
		Mr. Mukut Bihari
3	Entrepreneur Mentoring	Mr. Tarun Saraswat
4.	Spritual Mentoring	Mr. Mukesh Agarwal
5.	Higher Studies Mentoring	Ms.Priyanka Shukla
6.	Student Development Officer	Mr. Pranshu Sharma

Table B.9.1a

➤ **Professional mentoring**

We have Human Resource & Development cell (HRD), senior advisor and many senior dignitaries who guide students for their career and placement.

Different interactive sessions for students with Dr. S. N.Gupta (senior advisor), Mr. Mukut Bihari and other senior member are organized to motivate and guide them for enhancing career.

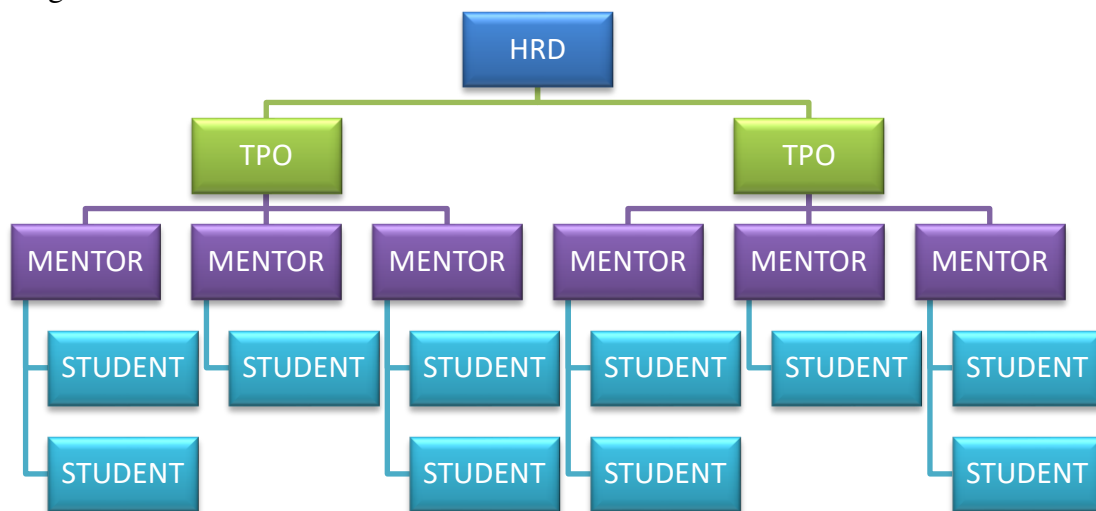


Fig.9.1b: Professional mentoring

- **Resume writing sessions:** Organized for students to guide them for effective resume writing.

S.No.	Year	Speaker	Date
1	2021-22	Mr. P.K.Tiwari	26 June 2021

Table B.9.1b

[SELF ASSESSMENT REPORT]



- Training conducted for the improvement of professional skills of students in campus itself.

Year	Name of event	Object of event	No. of students participated	Date of event
2021-22	Pre placement training program by FACE	Bridging gap between academics & Industry	652	1/7/2021-18/8/2021

Table B.9.1c

Pre-Placement Training Time Table (Sample)

Session 2021-22

<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="background-color: #0056b3; color: white; border-radius: 50%; padding: 5px 15px; font-weight: bold;">CSE-1</div> <div style="text-align: center;"> <p style="color: #0056b3; margin: 0;">Campus Recruitment Training Program 2021</p> <p style="color: #0056b3; margin: 0;">JECRC Inset Batch</p> </div> </div>					
FACE Link	Tech Class Link	Batch#	Interview Links	CBT Link	
https://meet.google.com/wqj-vnnt-xqk	https://zoom.us/j/93335055055?pwd=V0pTNOZ2SkFRbTlscitKcjN6NUUWZz09	CS1.1	https://meet.google.com/lookup/bqeyvj4bt	https://jecrcj.faceprep.in/	
		CS1.2	https://meet.google.com/lookup/atmv2hshn		
CS1.3		https://meet.google.com/lookup/fo2xl2tael			
CS1.4		https://meet.google.com/lookup/qvqwis5z			
CS1.5		https://meet.google.com/lookup/agvqvqbr4			
CS1.6		https://meet.google.com/lookup/bpodsa3n			
WAE Link					
https://meet.google.com/rbe-qwge-qyf					
Time Date	9:00 - 12:00	12:00-1:00	1:00 - 2:00	2:00 - 5:00	Evaluation Daily Test
05-Aug	APTI FACE	B R E A K	Tech - 13	PI-Tech (Siddarth, Rekha) PI-HR (Sandipan,Vivekanand) GD&Ext. (Seema,Savita)	CBT13
06-Aug	APTI FACE				
07-Aug	Industry Expert (Alumni)		Tech - 14	PI-HR (Sandipan,Vivekanand) GD&Ext. (Seema,Savita) PI-Tech (Siddarth, Rekha)	CBT14
08-Aug	Industry Expert (Alumni)		Tech - 15	GD&Ext. (Seema,Savita) PI-Tech (Siddarth, Rekha) PI-HR (Sandipan,Vivekanand)	CBT15

[SELF ASSESSMENT REPORT]



<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; background-color: #4a86e8; color: white; font-weight: bold;">CSE-2</div> <div style="text-align: center;"> <p>Campus Recruitment Training Program 2021</p> <p>JECRC Inset Batch</p> </div> </div>					
FACE Link	Tech Class Link	Batch#	Interview Links	CBT	
https://meet.google.com/iqz-fqre-nbp WAE Link https://meet.google.com/rbe-qwge-qyf	https://zoom.us/j/93335055055?pwd=V0pTNOZ2SkFRbTlSditKcjN6NUlWZz09	CS2.1	https://meet.google.com/lookup/daojhqvbps	<u>https://jecrcjfa.cepren/</u>	
		CS2.2	https://meet.google.com/lookup/dquoa33si5		
		CS2.3	https://meet.google.com/lookup/c5okjmi4h		
		CS2.4	https://meet.google.com/lookup/a3zo3fem5		
		CS2.5	https://meet.google.com/lookup/av7uair5oa		
		CS2.6	https://meet.google.com/lookup/aeguic7hfn		
Time Date	9:00 - 12:00	12:00-1:00	1:00 - 2:00	2:00 - 5:00	Evaluation Daily Test
05-Aug	APTI FACE	B R E A K	Tech - 13	PI-Tech (Bhawana,Pankaj) PI-HR (Lakshita,Ruchida) GD & Ext. (Praveen,Varsha)	CBT13
06-Aug	APTI FACE				
07-Aug	Industry Expert (Alumni)		Tech - 14	PI-HR (Lakshita,Ruchida) GD & Ext. (Praveen,Varsha) PI-Tech (Bhawana,Pankaj)	CBT14
08-Aug	Industry Expert (Alumni)		Tech - 15	GD & Ext. (Praveen,Varsha) PI-Tech (Bhawana,Pankaj) PI-HR (Lakshita,Ruchida)	CBT15



Pre Placement training Program by FACE



Pre Placement training Program by ALUMNI

➤ **Government Job Cell**

The Initiative taken by Prof.(Dr.) Vinay Chandna for making students career in government sector. A cell is under the guidance of Mr. P.K.Tiwari and Mr. O.P.Jain in institute to prepare students towards different competitive examination. In this cell we encourage and inspire students for competitive examination like GATE, CAT, MAT etc.

- Organized classes for GATE aspirants.
- Provided course material to students.
- Career opportunities in government sector are shared with the interested students.

[SELF ASSESSMENT REPORT]



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Unlock Internship Opportunities



Get Job Opportunities



Learn New Skills



Work on Latest Mentor Driven Project



Practice Placement and Curriculum Assessments



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Password

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Enter Assessment Title

List of all category

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- Banking
- Basic Engineering
- Chemical
- Civil
- Coding
- Common
- Computer Science
- Electrical And Electronic Engineering
- Electrical Engineering
- Electronics And Communication Engineering
- Engineering Services
- GATE
- Information Technology
- Job Oriented
- Mechanical Engineering
- Railway
- Sample Placement Papers
- UPSC

Mechanical Engineering Practice 4

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Mechanical Engineering Practice 3

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[Sign In For Practice](#)

Mechanical Engineering Practice 2

★★★★★

[Sign In For Practice](#)

Mechanical Engineering Practice 1

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General Studies & Engineering Aptitude Practice 4

★★★★★

[Sign In For Practice](#)

General Studies & Engineering Aptitude Practice 3

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[Sign In For Practice](#)

General Studies & Engineering Aptitude Practice 2

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General Studies & Engineering Aptitude Practice 1

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[Sign In For Practice](#)

Electrical Engineering Practice 4

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[Sign In For Practice](#)

Electrical Engineering Practice 3

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[Sign In For Practice](#)

Electrical Engineering Practice 2

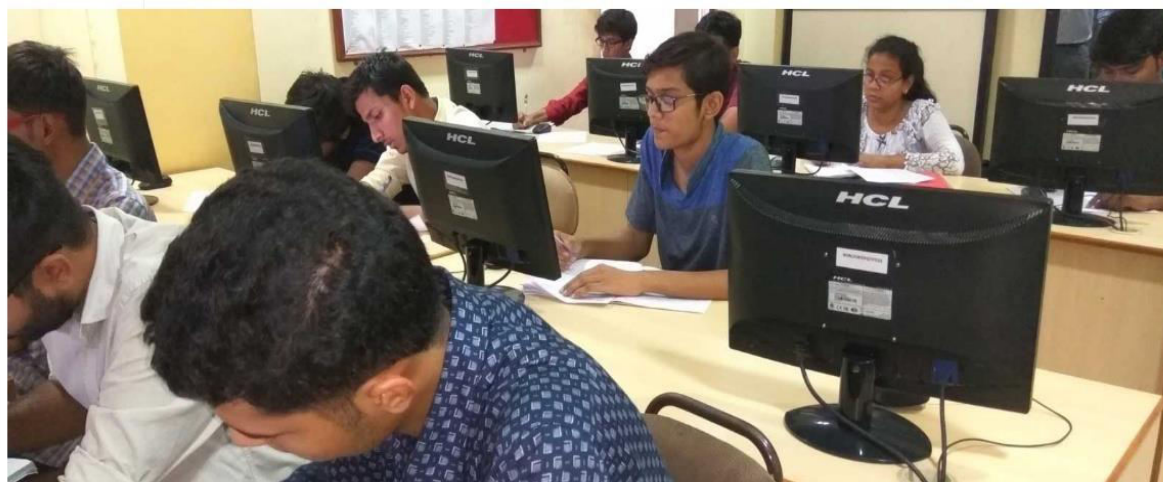
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Electrical Engineering Practice 1

★★★★★

[Sign In For Practice](#)



GATE Mock Test

GATE 2021-22 Data						
Institute Name:		JECRC, JAIPUR				
S. No.	Student Name	Branch	Registered in GATE	GATE Registration Number	Qualify Gate	Marks Obtained
			(Yes/No)		(Yes/No)	
1	Dharmvatsal Singh Chouhan	CSE	Y	CS22S13001132	Y	27
2	CHETAN MAHAWAR	ME	Y	ME22S83015251	Y	22.57
3	Swastik Amera (CAT)	ECE	Y	21003909-ECE	Y	
4	ABHINAV KARELA	CIVIL	Y	CE22S53015015	Y	33.3
5	ABHISHEK PAREEK	CIVIL	Y	CE22S53016464	Y	50.63
6	BHARAT DUDI	CIVIL	Y	CE22S63015025	Y	36.72
7	DEVESH SHARMA	CIVIL	Y	CE22S63017194	Y	42.64
8	GOVIND PRAJAPATI	CIVIL	Y	CE22S53015041	Y	51.3
9	GOVIND PRAJAPATI	CIVIL	Y	ES22S33015098	Y	36.67
10	MOHIT KUMAR	CIVIL	Y	CE22S53017396	Y	27.31
11	NIKHIL JAIN	CIVIL	Y	CE22S63018430	Y	29.05
12	PARAS SHARMA	CIVIL	Y	CE22S63019197	Y	27.31
13	PRIYA MEENA	CIVIL	Y	CE22S53018416	Y	24.64
14	PRIYANKA LOYAL	CIVIL	Y	CE22S63016076	Y	30.45
15	VIVEK KUMAR MEENA	CIVIL	Y	CE22S53018106	Y	20.31
16	AKASH KUMAR PRAJAPAT	CIVIL	Y	CE22S63055003	Y	45.43
17	AKASH KUMAR PRAJAPAT	CIVIL	Y	ES22S33055047	Y	37.33

➤ Entrepreneur cell

Entrepreneurship cell is established in mentorship of Mr. Tarun Saraswat, our college for encouraging and inspiring students for startups and entrepreneur. Various interactive sessions

for students with alumni and startup representative are organized to know the importance of being an entrepreneur and ways to get financial assistance to become an entrepreneur.

Cell is responsible for:

1. Initiative and Development of Startups/Incubations
2. Initiative towards centre of excellence
3. Relationship with companies
4. Motivate students, guide and help them in the same direction.

An *Entrepreneurship awareness camp organized* in which our students and faculties participated.

- Institute has success stories for every pass out year as a result of Entrepreneurship cell and incubation center.

S.No	Name	Batch	Branch	Organization	E-Mail id	Contact No.	Present Location	Links
1	Akshit Ostwal	2021	CSE	Orange Wallet	akshitostwal@gmail.com	7014669586	Banglore	https://orangewallet.app/

Spiritual Mentoring

A special initiative has been taken by our institute in the form of SPIRITUAL RESEARCH CELL. The cell was established on 6th October, 2016. The inauguration was done by the auspicious presence of the Executive Secretary, Brahmakumaris & Vice Chairman, Rajyoga Education & Research Foundation, Rajyogi Mruthyunjaya Ji, Dr. U.S Agarwal, Principal, SMS Medical College, Jaipur and Meditation Expert, B K Sushma Ji. This cell motivates students mentally and builds up their confidence.





Spiritual cell

➤ **Career Counseling /Higher studies**

A Guide has been appointed specifically for higher study counseling and career counseling. She counseled many students and encouraged them for further studies. She guided students on the right path for career. She also issued letter of recommendation (LOR) to some students.

No. of students admitted to higher studies with valid qualifying scores (GATE or equivalent State or National Level Tests, GRE, GMAT etc.)	CAYm1 (2021-22)
	17

➤ **All round Development**

Student Development Officer Mr. Pranshu Sharma is responsible for the overall development of student. His responsibility is to encourage students to participate in different co curricular and extracurricular activities.

SDO Responsibilities:

- Planning, developing and delivering a variety of student services and activities (co-curricular and extracurricular activities)
- Motivate and engage students also oversee students activity on campus
- Handles promotions of college events manual and e-promotions

Our Clubs:

- The dramatics club named “Faces and Footlights”.
- Our very own bhangra crew called “Khalas”.

[SELF ASSESSMENT REPORT]



- The group for contemporary dance forms called “Enigma”.
- “Xananoids” -The Robotics Club.
- “Moonriders” - The automobile Club.
- The creative arts club – “Atrangi”.
- “J-SID” Self-Innovative developers Club

These activities are not meant just for fun and frolic. They are in fact catalysts that develop qualities like leadership, team work, time management and stress handling in our students from the very beginning. One of the many reasons why our students have done wonderfully well year after year in their campus placements is that they are not just sound technically but are also ready to face the challenges of the world brimming with confidence.

Events Name	Date	Event Description
ADAA	18 MAY 2021	Fashion is a way to experience life in front of your eyes.
Footloose	18 MAY 2021	Footloose was a three-phase solo dance competition. In the first round, the registered participants performed their prepared solo dance performances for one minute.
Bootstrapping	19 MAY 2021	Dance is the purest form of expression of all emotions. Some great words quote “Dance is the movement of the soul on rhythm.” Dancing is a pious form of art cherished both by the performer and the viewer.
Navras	19 MAY 2021	A solo acting event where participants perform monoacts prepared by them.
Open-mic	18 MAY 2022	A solo event to showcase poetry, story telling or stand up comedy written by the participant themselves.
RapZap	18 MAY 2022	It was a solo round event in which rappers gave their rap performances with a time limit of 3 minutes.
Rockathon	17 MAY 2022	Rockathon was a group music band event. In this, the registered participants performed their prepared group band performances for fifteen minute each team.
Saare-Ga	19 MAY 2022	A solo singing event



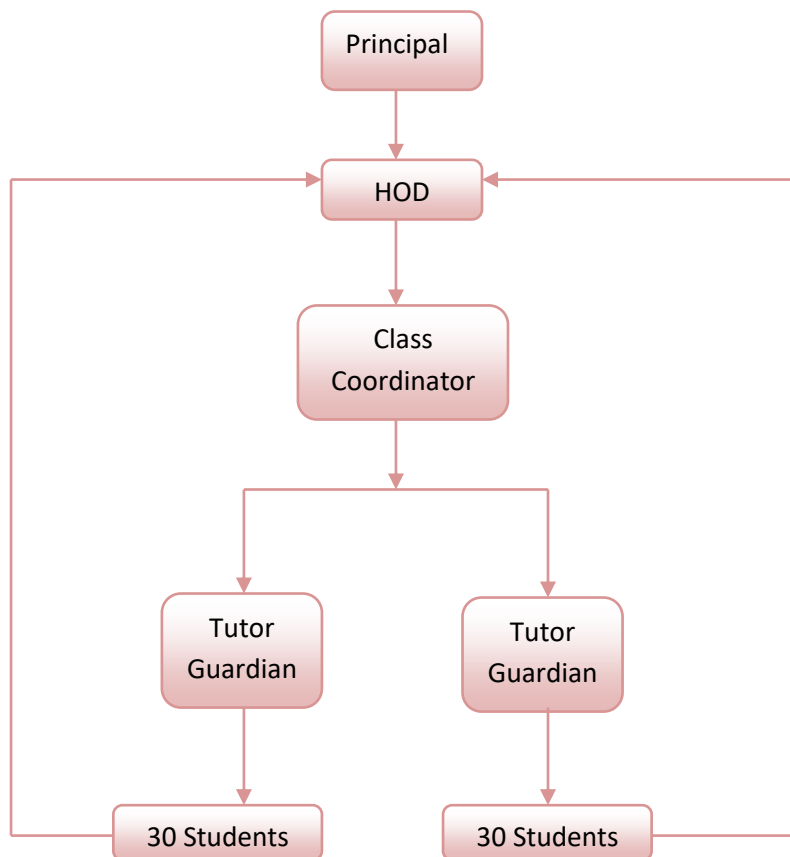




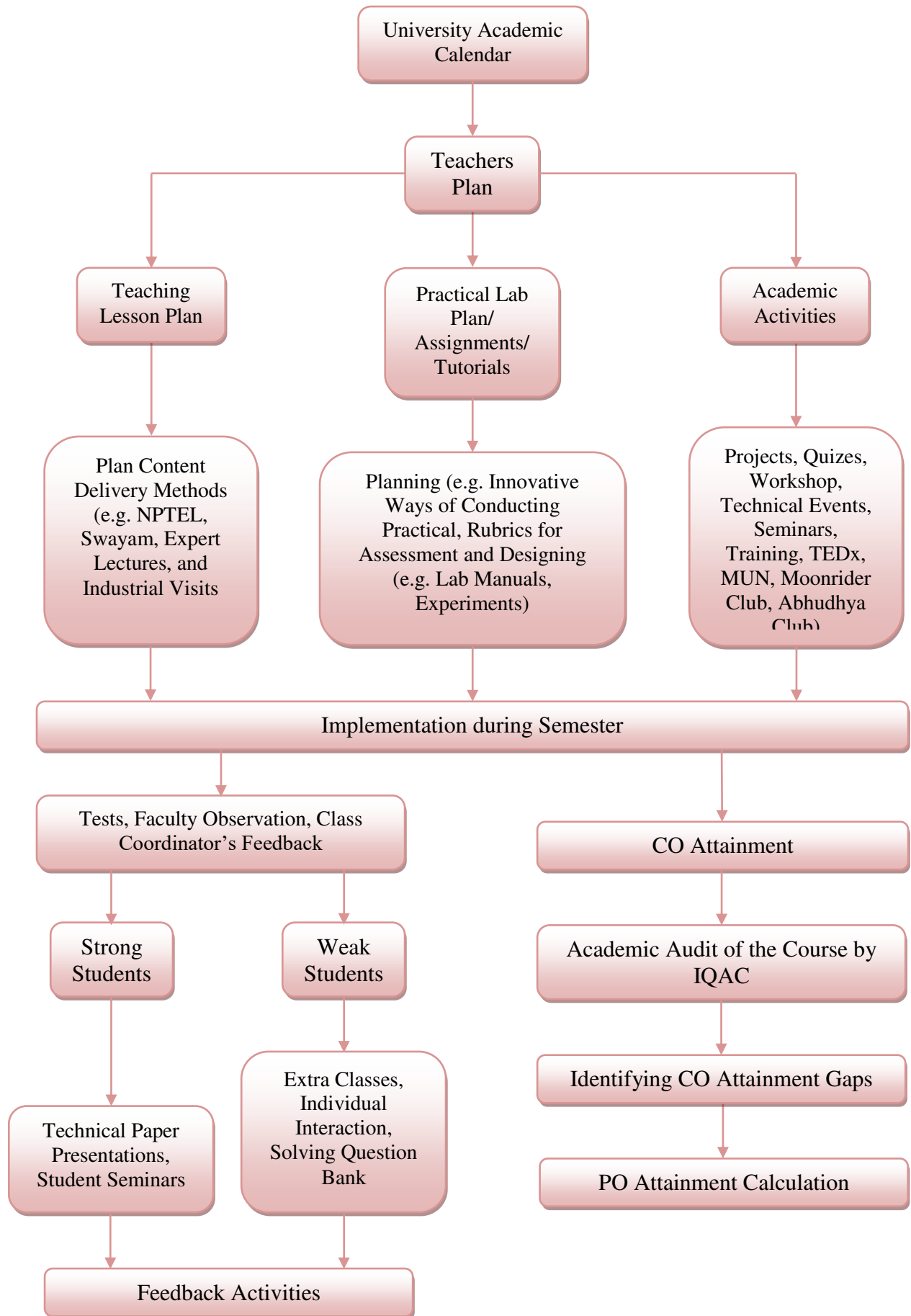


Course Work Specific/ Laboratory Specific

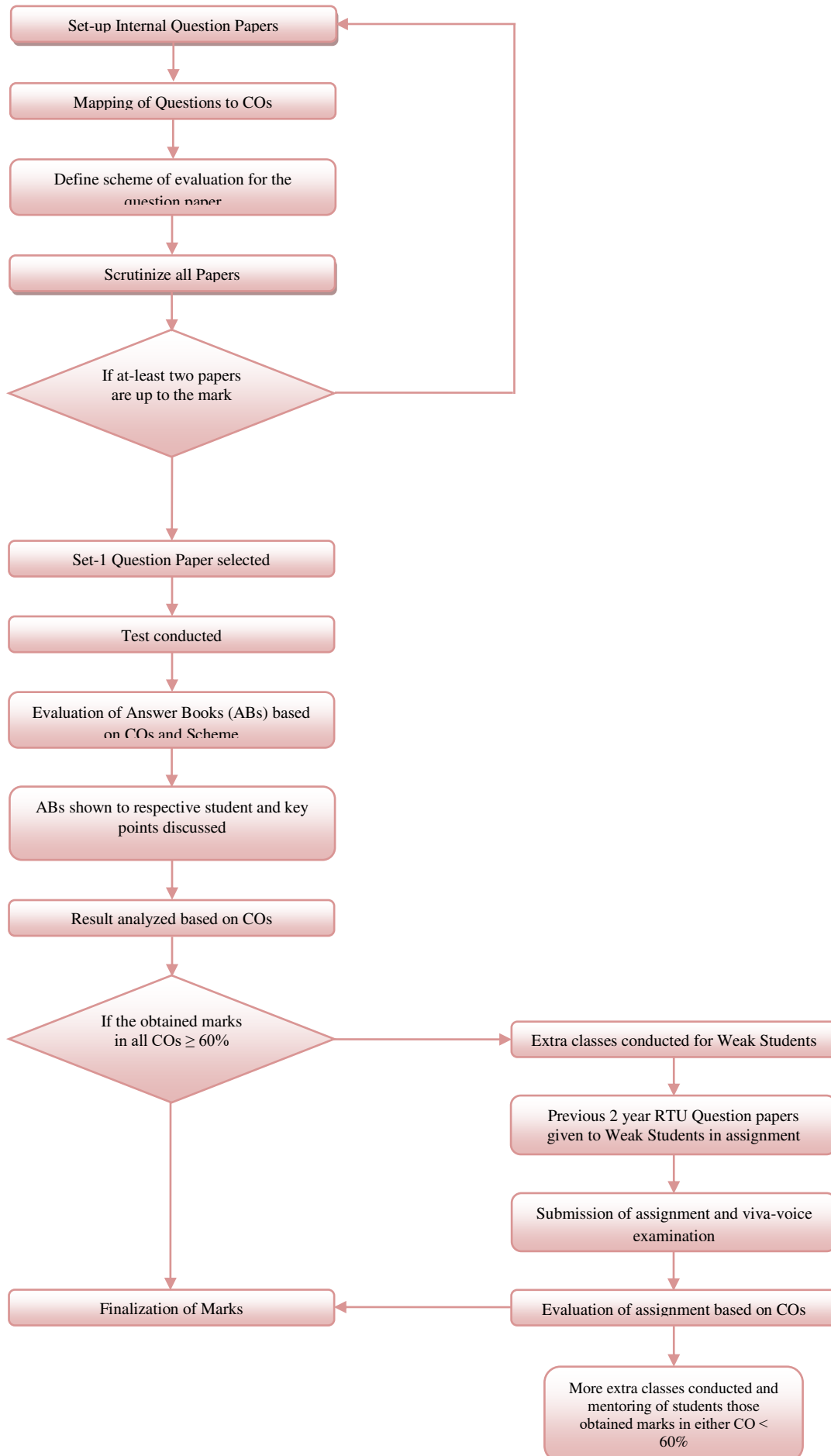
- For II and III year we have Tutor Guide (TG) who follows instructions given by Class Coordinator (CC).
- Counseling of irregular students to attend regularly laboratory classes and complete backlog experiments during specified extra hours.



[SELF ASSESSMENT REPORT]



[SELF ASSESSMENT REPORT]



Class Coordinator Responsibilities:

- Creating learning opportunities and motivating the student community.
- Providing guidance on academic, personal and career matters.
- Resolving academic issues of students.
- Tracking academic and extra-curricular performance of students.
- Meet the students periodically and monitor their performance and their activities

No of students per class coordinator: around 20-25

S.No.	Year	No of Class coordinator
1	2021-22	60

- For IV year we have Mentor Mentee system for guiding students also.

The mentor is a model, a guide by the side, a motivator, a trainer and a counselor to the student.

Mentoring is a process for the informal transmission of knowledge and the psychosocial support. Mentoring entails informal communication, usually face-to-face and during a sustained period of time, between a person who is perceived to have greater relevant knowledge, wisdom, or experience (the mentor) and a person who is perceived to have less.

Mentor's Responsibilities:

- Take an interest in developing student's career and well-being.
- Mentors keep track of their students' progress and achievements, setting milestones and acknowledging accomplishments.
- Monitor student's readiness for Personal Interview (including Resume, Dressing sense etc.)
- Evaluate **Student** Progress and Performance in Computer Based Tests. Keep record of his/her attendance in the preparatory classes and keep the department HOD informed.
- Encourage students for attending all the sessions for sure success.
- Informing students about the profile of companies coming for recruitment as per information obtained from placement department.
- Engage the **Student** beyond the Classroom especially for communication practices and emphasize the importance of communication for sure success.
- Keep the department / panel members informed, if any student is not taking his/her sessions seriously.
- Guide student for practical training and project presentation.
- Guide students for technical interview.
- Guide and Evaluate student for GD for companies requiring GD.
- Guide students for General Knowledge about Industries in their domain.
- Provide Ethical Guidance

9.2. Feedback analysis and reward /corrective measures taken, if any (10)

Feedback collected for all courses: YES/NO; Specify the feedback collection process; Average Percentage of students who participate; Specify the feedback analysis process; Basis of reward/corrective measures, if any; Indices used for measuring quality of teaching & learning and summary of the index values for all courses/teachers; Number of corrective actions taken.

- Feedback collected for all courses: **YES**
- Specify the feedback collection process: **Google form**
- Average Percentage of students who participate: **Approximate 80%**

Feedback collection process

Items	Description
Feedback collection process	YES for all courses
Process	Computerized using software
Feedback receiver	HoD
Frequency of feedback collection	Once in a semester (but oral feedback from the students is taken by HoD almost every month)
Metrics used for calculation	5-Excellent 4-very good 3-good 2-satisfactory 1-below average
Purpose of comment	For improving the quality of teaching learning process

Specify the feedback analysis process:

The feedback collected from students is first analyzed by internal quality assessment committee (IQAC), headed by the HoD.

- Performance of each individual faculty is assessed by the concerned committee members.
- The contents of the feedback will be shared with each faculty member individually.

All the courses mentioned in the feedback form will be analyzed as follows:

Step-1	Collection of feedback forms for all the subjects from the students based on parameters specified in feed back form.
Step-2	Estimation of mean for all the parameters.
Step-3	After the recommendations of IQAC, threshold value will be finalized. The normal value setup at present is 3.
Step-4	If the threshold exceeds from 3, it will be considered as good. If it is less, the faculty performance is considered as average or below average.
Step-5	If the faculty receives good performance, he will be rewarded. If he / she receives average or below average performance, he / she gets counseling and allows them to get correct their performances.

System of reward

System of reward process: Faculty reward is given based on the following factors:

1. Student's feedback (Format enclosed)
2. The faculty's self-appraisal report (Format enclosed)
3. The marks given by internal quality assessment committee (IQAC), headed by HOD.
4. If the faculty achieves 60% or more than 60%, an appreciation from the principal will be rewarded.

Faculty Feedback Form (2021-22)

Section 1 of 6

8th Sem - Faculty Feedback by Students Form (2021-22)

Jaipur Engineering College & Research Centre, Shri Ram ki Nangal, Via-Sitapura RIICO, Jaipur - 302022.

Vision of Jaipur Engineering College and Research Centre

To become a renowned centre of outcome based learning, and work towards academic, professional, cultural and social enrichment of the lives of individuals and communities.

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To become a renowned centre of outcome based learning, and work towards academic, professional, cultural and social enrichment of the lives of individuals and communities.

Mission of Jaipur Engineering College and Research Centre

M1. Focus on evaluation of learning outcomes and motivate students to inculcate research aptitude by project based learning.

M2. Identify, based on informed perception of Indian, regional and global needs, areas of focus and provide platform to gain knowledge and solutions.

M3. Offer opportunities for interaction between academia and industry.

M4. Develop human potential to its fullest extent so that intellectually capable and imaginatively gifted leaders can emerge in a range of professions.

[SELF ASSESSMENT REPORT]



Faculty Feedback by Students Form 6th Sem (2021-22)

Dear Students,

We believe that there is always scope for improvement and thus we strive to obtain honest feedback from our most important stake holders i.e. students, hence in this effort we request you to provide your feedback in the form given below.

Feedback rating range:

Excellent:(5) Very Good:(4) Good:(3) Satisfactory:(2) Needs improvement: (1)

Date: *

Month, day, year



Academic Year: *

1. 2021-22

Student Name: *

Short answer text

[SELF ASSESSMENT REPORT]



Branch: *

1. Mechanical Engineering
2. Computer Science Engineering
3. Civil Engineering
4. Electronics and communication Engineering.
5. Electrical Engineering.
6. Artificial intelligence & Data Science.
7. Information Technology.
8. First Year

Semester: *

1. II
2. IV
3. VI
4. VIII

[SELF ASSESSMENT REPORT]



Section: *

1. A
2. B
3. C
4. D
5. Others

Mobile Number: *

Short answer text

After section 1 Continue to next section

Section 2 of 6

8CE4-01 Project Planning and Construction Management



Description (optional)

[SELF ASSESSMENT REPORT]



1. Faculty Name: *

Short answer text

2. How would you rate the punctuality of faculty member for taking classes? *

1	2	3	4	5
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

3. How would you rate the focus of faculty member on student's attendance/ presence in the class? *

1	2	3	4	5
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

4. How would you rate the level of quality of lectures taken by faculty member? *

1	2	3	4	5
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

[SELF ASSESSMENT REPORT]



5. How would you rate the faculty has covered relevant topics beyond the syllabus? *

1	2	3	4	5
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

6. How would you rate the emphasis by faculty member on explanation of syllabus on level of understanding through experiential learning? *

1	2	3	4	5
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

7. How would you rate the emphasis by faculty member on participative Learning? *

1	2	3	4	5
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

8. how would you rate the level of communication skills of faculty member during lecture? *

1	2	3	4	5
---	---	---	---	---

[SELF ASSESSMENT REPORT]



9. How would you rate emphasis by faculty member involvement with students through project based learning? *

1	2	3	4	5
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

10. How would you rate ICT based learning/E-content for completion of syllabus? *

1	2	3	4	5
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

11. How would you rate motivation by faculty member for completion of syllabus in the given time period.? *

1	2	3	4	5
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

12. How would you rate the attention by faculty member on weak students? *

1	2	3	4	5
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

13. How do you rate your faculty to be given the best teacher award of department? *

1	2	3	4	5
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

[SELF ASSESSMENT REPORT]



Faculty Appraisal Form Jaipur Engineering College and Research Centre, Jaipur FACULTY APPRAISAL FORM (Session 2021-22)

For best faculty award

Total 200 points

Name of Faculty Member:

Department:

Designation:

S. No.	Item Name	Maximum Points	Points obtained	Annexure attached with page No.
1	Total theory subjects taught during the session (a) 60% students having B grade in subject Yes/No (b) 60% students having B grade in subject Yes/No (c) 60% students having B grade in..... subject Yes/No OR Internal Marks based on OBE for the year 2020-22 (10) Course file as per OBE (10) Student feedback (10)	30		
2	Research Publication: SCI / Scopus / Web of science indexed publication: 15 points, publication having ISSN / UGC approved: 10 points, National level publication: 5 points	30		
3	Faculty development programme 10 point average (one faculty development programme minimum 5 days attended 5 points, 2 points for attending 2 days workshop, subject to maximum of 10)	10		
4	Research grant average 15 points for having grant of more than 5 lakh, For applying 5 points / project	15		
5	Patent 10 points / Product development (5) / UHV(5)	20		
6	Certification course (5)	5		
7	Innovation in teaching learning (5), , online prepared MOOCs (5),	10		
8	National conference (5), international conference (10), Co-curricular activity (5), FDP (UGC, AICTE, TEQIP, NITTTR) 5, Cultural activity (5), class coordinator (5), Expert Talk (5) organized OR Placement mentor / TPO (20) and other 20 from the list of this section for organizing events.	40		
9	Final year project guided based on the idea of SIH / previous research publication (SCI / Scopus) / Skill based training to first year students	10		
10	Institute level activity organized / participated (1 point / activity)	5		
11	Any award received(1), session chair in conference (1), guest lecture (1), invited talk (1), etc. other then JECRC	5		
12	HOD recommendation maximum 20 points	20		
Total		200		

Note: HOD will verify the documentary proof.

Signature of Faculty

Signature of HOD

Registrar (Reviewing Officer)

Signature of Principal

[SELF ASSESSMENT REPORT]



Jaipur Engineering College & Research Centre

From : OS Office

To : Shri Akhilesh Paliwal, Mechanical Engineering

11.04.2022

APPRECIATION LETTER

Shri Akhilesh Paliwal
Assistant Professor

Through Program Coordinator/HOD

Congratulations!

As per the faculty, self-appraisal report submitted by you for the session 2020-21 has evaluated by the IQAC and found satisfactory. You have scored total 127 points out of 200.

Institute appreciates efforts & association. We hope that you will sustain such performance in the years to come.

API scores of previous year: -

2018-19	2019-2020
102.5/200	127.5/200

PRINCIPAL

Copy to -

1. Vice Chairman
2. Director
3. Concerned Program coordinator/HOD
4. Concerned faculty member
5. Personal file

[SELF ASSESSMENT REPORT]



Non- Teaching Appraisal Form Jaipur Engineering College and Research Centre, Jaipur TECHNICIAN APPRAISAL FORM FOR THE YEAR 2021-22 Total 150 points

Name of the Technician:

Department:

Designation:

Date of joining:

Confidential Report

S. No.	Item Name	Maximum Points	Points obtained
1	Regularity (Days Present x actual lab hr engaged) / (Working days x Total lab hr) x 25	25	
2	Maintenance & Repairs How many lab equipments available in the lab A How many are in working condition B How many repaired yourself C Remaining repairing status D = [(B+C) / A] x 10	10	
3	How many experiment performed by yourself = (No. of experiment performed / Total Experiment) x 5	5	
4	Cleaning (1 marks per day) 1. Wearing proper neat & clean formal dress 2. Cleaning of labs rooms, tables, equipments etc.	25	
5	Stock Register 1. Maintained stock register 2. Timely following stock audit process	20	
Criteria No. 6 to 8 - To be filled by the concerned HOD			
6	Behavior with faculty and HODs	15	
7	New skill certificate taken for lab	30	
8	HOD recommendation 1. Timely opening of lab 2. Maintaining lab properly 3. Properly close the lab after college hour 4. Performing other assignments other then assigned lab work 5. Behavior with the other colleagues and students	20	
Total		150	

Signature of Technician

Signature of HOD

PRINCIPAL

Note: 1. HOD will verify the documentary proof.

[SELF ASSESSMENT REPORT]



Jaipur Engineering College and Research Centre, Jaipur

TECHNICIAN APPRAISAL FORM FOR THE YEAR 2020-21

Total 150 points

Name of the Technician: Vaishali Yadav
 Designation: Lab Tech.

Department: ECE
 Date of joining: 27/9/12.

Confidential Report

S. No.	Item Name	Maximum Points	Points obtained
1	Regularity (Days Present x actual lab hr engaged) / (Working days x Total lab hr) x 25	25	23
2	Maintenance & Repairs How many lab equipments available in the lab A <u>16</u> How many are in working condition B <u>12</u> How many repaired yourself C <u>2</u> Remaining repairing status D <u>4</u> = [(B+C) / A] x 10	10	9.2
3	How many experiment performed by yourself = (No. of experiment performed / Total Experiment) x 5 <u>8/10</u>	5	4
4	Cleaning (1 marks per day) 1. Wearing proper neat & clean formal dress 2. Cleaning of labs rooms, tables, equipments etc.	25	23
5	Stock Register 1. Maintained stock register 2. Timely following stock audit process	20	18
Criteria No. 6 to 8 - To be filled by the concerned HOD			
6	Behavior with faculty and HODs	15	14
7	New skill certificate taken for lab	30	—
8	HOD recommendation 1. Timely opening of lab 2. Maintaining lab properly 3. Properly close the lab after college hour 4. Performing other assignments other then assigned lab work 5. Behavior with the other colleagues and students	20	4 4 4 4 3/19
Total		150	110.2

Signature of Technician

Signature of HOD

Note: 1. HOD will verify the documentary proof.

PRINCIPAL

[SELF ASSESSMENT REPORT]



Corrective measures:

- Explanation from the faculty will be demanded for the inappropriate result and subsequent action will be processed.
- Counseling will be given to the concerned faculty by HOD and Principal.
- Promoting and encouraging faculty to attend the faculty development programs (FDP), short term programme (STP), Conferences, MOOC'S, Guest lectures, industry visit.

Faculty Development Program

Year	Sr. No	Title of the professional development program organized for teaching staff	Title of the administrative training program organized for non-teaching staff	Dates (from-To)	No of participants (Teaching staff)	No. of participants (Non-teaching staff)
2021-22	1	One week FDP on "NBA Accreditation through Outcome based Education" conducted by Media Eng. Dept. in association with JECRC IQAC cell.	NA	21/02/2022 to 25/02/2022	59	NA
	2	ATAL Academy Online FDP on "Advanced Sensor Technology for Efficient Biomedical and Energy Management in Smart Cities" at JECRC Jaipur	NA	3-01-2022 to 7-01-2022	128	NA
	3	One Week Online event "ENHANCING EMOTIONAL IMMUNITY"	NA	21/02/2022 to 25/02/2022	97	NA
	4	One Week Online Mediation Course	NA	03/03/2022 to 07/03/2022	29	NA
	5	Online Session on "Study Techniques & Time Management"	NA	18/04/2022	9	NA
	6	Two days online event: Enlightenment	NA	5 & 6 October, 2022	44	NA

[SELF ASSESSMENT REPORT]



7	online 3-day workshop on "Covid Care and Immunity Enhancement	NA	July 8-10, 2021	500	NA
8	Basics of Hardware in Loop Simulation	NA	02/05/2022 to 06/05/2022	-	NA
9	Five day Workshop On Creative Plantation	NA	28-032022 to 01-04-2022	50	NA

National and International Conferences (2021-22)

S#	Name of conference	Date	Level of conference	Relevance to Pos
1	"RACON-22"	7-8 June 2022	National	PO1, PO4, PO10, PSO1, PSO2
2	" ICAMCM-22"	17-18 June 2022	International	PO1, PO4, PO10, PSO1, PSO2
3	‘Recent Trends and Smart Technologies in Electrical Engineering-2022’	20.05.2022-21.05.2022	National	PO1, PO4, PO10, PSO1, PSO2
4	Emerging Trends in Civil Engineering For Sustainable Development		National	PO1, PO4, PO10, PSO1, PSO2
5	Information Technology and Security Applications	May 14-15, 2022	National	PO1, PO4, PO10, PSO1, PSO2

[SELF ASSESSMENT REPORT]



6	Recent Innovations & Technological Development in Mechanical Engineering	11-12 March, 2022	International	PO1, PO4, PO10, PSO1, PSO2
7	Futuristic Trends in Mechanical Engineering	25-26 May, 2022	National	PO1, PO4, PO10, PSO1, PSO2

Indices used for measuring quality of teaching & learning and summary of the index values for all courses/teachers

- Students Attendance Report
- MTT Results
- University Results
- Final Passing Percentages
- Placement Record
- Student's performance in National and International conferences
- Student's performance in Technical Workshops
- Student's participation in Intra and Inter college competitions
- Co-curricular and Extra-curricular activities.

MOU's have been done with industries to emphasize on

- (a) Internship
- (b) Project Workshop for Students
- (c) Industrial Visits
- (d) Students specific Training

[SELF ASSESSMENT REPORT]



Details of MOU (2021-22)

S.No	Organisation with which MoU is signed	Name of the institution/ industry/ corporate house	Year of signing MoU	Duration	List the actual activities under each MOU	Department	Number of students /teacher s participated under MoUs	Activity Report Link	MO U LI NK
1	Made Easy Education Pvt. Ltd., Jaipur	Made Easy Education Pvt. Ltd., Jaipur	2022	3 Years	One day Seminar on "Career Guidance & Future Opportunities After Engineering "	ECE	68	View Document	Link
					One Day Seminar on "Career Seminar by Made Easy"	EE	45	View Document	
					Seminar on Career Counselling	IT	84	View Document	
					A Guest Lecture on "Career Opportunities for Graduate Engineers"	ME	42	View Document	
2	Amritsar Group of Colleges, Amritsar	Amritsar Group of Colleges, Amritsar	2022	3 Years	Workshop under students exchange programme	ME	-	View Document	Link
3	Google Cloud	Google Cloud	2020	Since Dec,2020	Internship	CSE,IT	Approx 95	View Document	Link
					Add on GCCF-AIDS	AIDS	20	View Document	
					GCCF-1	CSE	274	View Document	

[SELF ASSESSMENT REPORT]



							ment	
					GCCF-2	CSE	274	View Document
					GCCF-3	CSE	274	View Document
					GCCF-4	CSE	274	View Document
					GCR-1	CSE	74	View Document
					GCR-2	CSE	76	View Document
					GCR-3	CSE	75	View Document
					GCR-4	CSE	67	View Document
					GCCF-3	IT	39	View Document
					GCCF-4	IT	39	View Document
					GCCF-IT	IT	113	View Document
4	Upflairs Pvt. Ltd.	Upflairs Pvt. Ltd.	2021	3 Year	Internship	ECE	184	View Document
					Machine Learning and Data Science using Python	ECE	135	View Document
					Embedded System	ECE	159	View Document
					Artificial Intelligence	ECE	164	View Document
					Advance Embedded System and	ECE	155	View Document
								Link

[SELF ASSESSMENT REPORT]



					Design				
					Web development with django	CSE	85	View Document	
					Machine learning and python	CSE	96	View Document	
					ML-IT	IT	19	View Document	
5	PCOS PCOD Clinic MOM	PCOS PCOD Clinic MOM	2021		Faculty Consultation session	College level	9	View Document	Link
6	Hewlett Packard Enterprise	Hewlett Packard Enterprise	2021	5 Year	Placement	College level	12	View Document	Link
7	MOU with Coding Ninjas	MOU with Coding Ninjas	2021		Access to Coding Ninjas Course introduction to programming".	CSE,IT, ECE,M E,CE	1510	View Document	Link
8	Internshala	Internshala	2021	1 Year	Internship	College level	221	View Document	Link
9	CSRBOX(Renalysis consultancy pvt.ltd)	CSRBOX(Renalysis consultancy pvt.ltd)	2020	1.5 Year	-			-	Link
10	DoIT & Communication, Government of Rajasthan	DoIT & Communication, Government of Rajasthan	2021	3 Years	-		-	-	Link
11	Elsevier (Materials)	Elsevier (Materials Today: Proceedings)	2022	6 Months	2nd International Conference	ECE	Internal-24, External-125	View Document	Link

[SELF ASSESSMENT REPORT]



	Today: Proceedings)	gs)			on Advances in Materials Science, Communication and Microelectronics, 17-18 June 2022, Jaipur, India				
12	RVR Innovations LLP	RVR Innovations LLP	2021	3 Years	Student-Link	For Student login UID:10101 Password:jecrc		Student-Link	Link
					Admin-Link	For Admin Login UID:ho d.cse@jecrc.ac.in Password:jecrc		Admin-Link	
13	Bhartiya Skill Development University, Jaipur	Bhartiya Skill Development University, Jaipur	2020	3Years	Bhartiya Skill Development University, Jaipur Field Trip(ME)	ME	88	View Document	Link
					Bhartiya Skill Development University, Jaipur Field Trip(EE)	EE	85	View Document	
14	Automation Anywhere	Automation Anywhere	2019	3Years	A Seminar on "Robotics and automation in Industries"	ECE	79	View Document	Link
15	CADD Centre Training	CADD Centre Training	2019	3Years	Training and Certificate	ME	2 and more	View Document	Link

[SELF ASSESSMENT REPORT]



	g Service s, Raja Park, Jaipur	Services, Raja Park, Jaipur			Course				
16	Baba Automobiles Pvt.Ltd.	Baba Automobiles Pvt.Ltd.	2020 and after renewal for 3years	1 year after that renewal for 3 year	Electric Vehicles	ME	45	View Docu ment	Lin k
					E Vehicles_ PowerStora ge&Transmi ssion	ME	55	View Docu ment	
					E Vehicle_ Working&A ssembly	ME	37	View Docu ment	
					Hybrid and Advanced E Vehicles	ME	45	View Docu ment	
					Internship	ME	5	View Docu ment	
17	Celonis	Celonis	2022	2 Years	Training and Certification of Faculties under Academic Alliance with Celonis	College Level	-	View Docu ment	Lin k
					Orientation seminar by Celonis	College Level	-	View Docu ment	
18	Igen Edu Solutio ns Pvt. Ltd., India	Igen Edu Solutions Pvt. Ltd., India	2022	3 Years	Various Patents	College Level	9	View Docu ment	Lin k
19	Dudley College Broadw ay, UK	Dudley College Broadway , UK	2017 onwar ds	Till Now	AICTE- UKIERI Further Education Leadership and Managem ent Training Programme(Phase-1)	College Level	15	View Docu ment	Lin k
					AICTE-	College	9		

[SELF ASSESSMENT REPORT]



					UKIERI Further Education Leadership and Management Training Programme(Phase-2)	Level			
					AICTE-UKIERI Further Education Leadership and Management Training Programme(Phase-3)	College Level	9		
20	Techie Nest Pvt. Ltd.	TechieNest Pvt. Ltd.	2019	3 Years	Internship	ECE	93	View Document	Link
					Python Application Development	ECE	219	View Document	
					AI tools and Techniques	ECE	230	View Document	
21	FACE(A Unit of Focus 4D Career Education Pvt.Ltd.)	FACE(A Unit of Focus 4D Career Education Pvt.Ltd.)	Apr.,2022	-	Placement related training	College Level	All Final Year Students	View Document	Link
22	Infosys Campus Connect	Infosys Campus Connect	Dec.2021	2 Years	Faculty Enablement Program on Artificial Intelligence	AI DS	2	View Document	Link
					TTT Program on Java Programming Using	AI DS	2	View Document	

[SELF ASSESSMENT REPORT]



					Spring Board Platform (Phase-1)				
					TTT Program on Java Programming Using Spring Board Platform (Phase-2)	AI DS	3	View Document	
					Faculty Enablement Program on Programming Fundamentals of Python Using Spring Board Platform	AI DS	2	View Document	
					Student Development Program on Python, DBMS, OOPs, DSA and JAVA using Spring Board Platform	AI DS	271	View Document	



9.3 Feedback on facilities (5)

S. No.	Facility	How feedback is taken	Type of Record	Action Taken
1	Hostel Sh P. K. Gupta (CAO /Chief warden)	Entry in the register / discussion with warden / written application / Grievance cell	About Stay in the hostel	Sharing of room changed from 4 to 3
			About Food	Student committee and warden
			About Timing	Boys and girls timings are fixed but on demand as per requirement permission is provided.
			Maintenance	Entry in register and corrective action
			Medical Exigency	Ambulance register
2	Transport Sh. Ravi Bhatnagar (Bus Incharge)	Written application with Bus In charge	Route	Recorded with bus in charge and appropriate action is taken
			Fees	
			Flexibility / Maintenance of buses	
3	Library Dr. Anita Jain (Chief Librarian)	Departments are taking feedback related to library and thus submitted to librarian	Timing	Appropriate action taken by Library incharge
			Books	
			Publication	
			E-books	
			Swayam	
4	Sports Dr. Rajesh Sharma (Sports Incharge)	Feedback taken by sports incharge	Ground	Sports incharge takes appropriation decision
			Participation	
5	Over all maintenance Sh. Yogendra Sharma	Feedback from Block Incharges	About maintenance & Safety	
6	Security Sh. P. K. Tiwari	Over all security	Meetings every month	Feedback in the meeting
7	Medical Facility	CAO is responsible	Files maintained	Medical OPD First aid

Cleanliness feedback:

Soch Initiative (Soch –Coordinator)

SWACHCHH JECRC

SOCH-KUCHH KAR DIKHAANE KI, keeping this motto in mind, the **Team Soch** of JECRC stepped an extra mile to realize the dream project of the H'ble Prime Minister Sh. Narendra Modi, **Swachhh Bharat Abhiyan**, by launching an innovative digitally enabled campaign **SWACHCHH JECRC**. This campaign was aimed to contributing to the society in terms of cleaning the JECRC campus through the QR code. This campaign changed the whole idea of cleanliness. Never did anyone think that cleanliness could be monitored digitally.

In this campaign, a special QR code was designed by the technically advanced students of JECRC and put on the posters, dustbins, all over the campus, to expedite the cleanliness drive, which could be accessed through any smartphone, prompting to fill a google form for complaining against any negligence in cleanliness or giving any suggestions regarding the misplacement of the dustbins, areas not cleaned etc for example.

The following link can be used for filling the form:

<https://goo.gl/EAnOqd>

This google form contains many points, such as, College Area Map, Issues Related to Dustbins, Complaints Related to Cleanliness etc. A few screenshots are:

For any trash, smeared environment, a complaint can be filed by scanning the QR code. By scanning the QR code, a dialog box pops up on the screen which leads us directly to the complaint form. The data filled in the form reaches our supervisors and a response is given within 24 hours.

We get about 10 to 20 number of complaints every day and making it a count of 375 till date which is really astonishing.

In this changing era of digitalization, this innovative **SWACCH JECRC** campaign has done a great work.

[SELF ASSESSMENT REPORT]



Latitude: 26.782216
Longitude: 75.824036
Elevation: 364.54±3 m
Accuracy: 8.9 m
Time: 20-11-2021 14:29
Note: JECRC Foundation, Sitapura, Jaipur



Latitude: 26.782175
Longitude: 75.824022
Elevation: 364.76±3 m
Accuracy: 4.6 m
Time: 20-11-2021 14:28
Note: JECRC Foundation, Sitapura, Jaipur



Latitude: 26.782172
Longitude: 75.824002
Elevation: 364.88±3 m
Accuracy: 8.8 m
Time: 20-11-2021 14:28
Note: JECRC Foundation, Sitapura, Jaipur



Latitude: 26.782197
Longitude: 75.824049
Elevation: 365.5±3 m
Accuracy: 151.8 m
Time: 20-11-2021 14:29
Note: JECRC Foundation, Sitapura, Jaipur

- 15 days celebration took place as “SwacchataPakhwada” in JECRC, students were participated in this activity, checked for clean campus.
- Students as well as faculties were involved to clean the campus and program continued for 15 days.



Latitude: 26.782133
Longitude: 75.824012
Elevation: 364.22±3 m
Accuracy: 7.6 m
Time: 20-11-2021 14:29

Note: JECRC Foundation, Sitapura, Jaipur

Powered by NoteCam

Transport Facility

Jaipur Engineering College & Research Centre, Shri Ram ki Nangal, Via-Sitapura RIICO, Jaipur - 302022.

 priyajyoti@jecrc.ac.in (not shared) [Switch account](#)



* Required

Vision of Jaipur Engineering College and Research Centre

To become a renowned centre of outcome based learning, and work towards academic, professional, cultural and social enrichment of the lives of individuals and communities.

Mission of Jaipur Engineering College and Research Centre

M1. Focus on evaluation of learning outcomes and motivate students to inculcate research aptitude by project based learning.

M2. Identify, based on informed perception of Indian, regional and global needs, areas of focus and provide platform to gain knowledge and solutions.

M3. Offer opportunities for interaction between academia and industry.

M4. Develop human potential to its fullest extent so that intellectually capable and imaginatively gifted leaders can emerge in a range of professions.

Student's Hostel Facility Feedback Form

Dear Students,

We believe that there is always scope for improvement and thus we strive to obtain honest feedback from our most important stake holders i.e. students, hence in this effort we request you to provide your feedback in the form given below.

Feedback rating range:

Excellent:(5) Very Good:(4) Good:(3) Satisfactory:(2) Needs Improvement:(1)

Date: *

Date

mm/dd/yyyy

[SELF ASSESSMENT REPORT]



1/22/22, 2:51 PM

Student's Hostel Facility Feedback Form (2019-20)

To what extent you agree that hostel surroundings are secure. *

1	2	3	4	5
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

To what extent the cleanliness of kitchen and dining space are properly taken care of. *

1	2	3	4	5
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

To what extent you agree that food in the mess is served fresh. *

1	2	3	4	5
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

To what extent you agree that timings of mess are properly maintained. *

1	2	3	4	5
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

1/22/22, 2:51 PM

Student's Hostel Facility Feedback Form (2019-20)

Academic Year: *

Your answer

Student's name: *

Your answer

Parent's Name: *

Your answer

Branch: *

Your answer

Student's E-mail Id: *

Your answer

Student's Mobile No.: *

Your answer

[SELF ASSESSMENT REPORT]



1/22/22, 2:51 PM

Students Hostel Facility Feedback Form (2019-20)

To what extent the Wi-Fi facility is available in the hostel campus. *

1	2	3	4	5
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How would you rate the cooperativeness and accessibility of hostel staff? *

1	2	3	4	5
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How would you rate the menu is properly displayed? *

1	2	3	4	5
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How would you rate Do's and Don'ts are displayed? *

1	2	3	4	5
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Any suggestion for above parameters. *

Your answer



Submit

Clear form

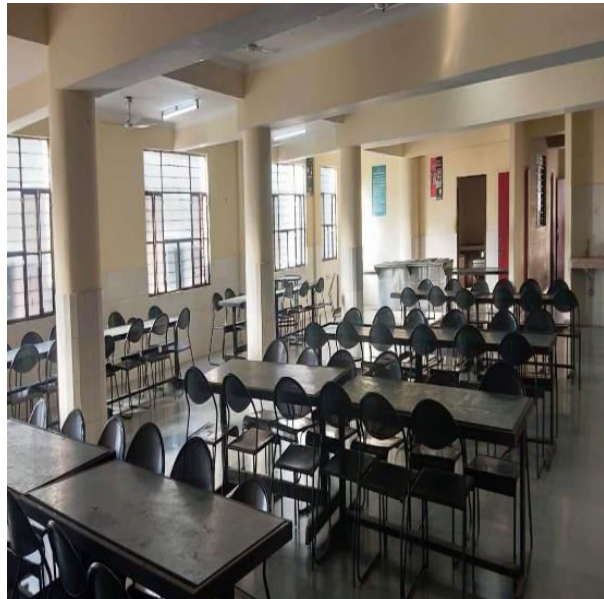


Latitude: 26.781812
Longitude: 75.821265
Elevation: 372.58±24 m
Accuracy: 4.0 m
Time: 16-11-2021 15:56
Note: JECRC Foundation, Sitapura, Jaipur

Powered by NoteCam



Hostel Room



Dininng Area

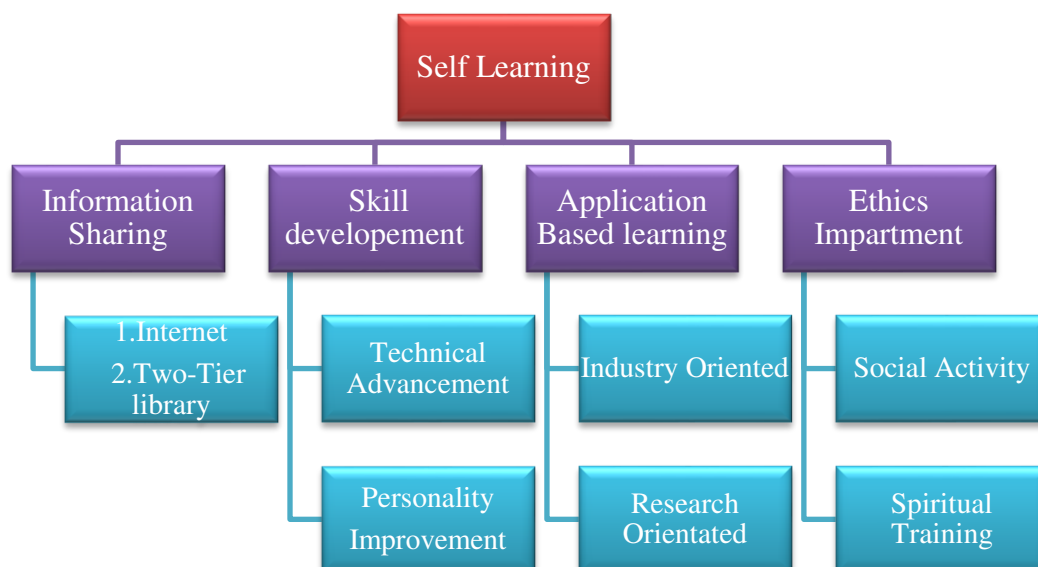
9.4. Self-Learning (5)

(The institution needs to specify the facilities, materials and scope for self-learning / learning beyond syllabus, SWAYAM , NPTEL, MOOCs etc. and evaluate their effectiveness)

Self-Learning method is an individualized method of learning collecting information, processing it, and retaining it without the needs for another individual to teach it. For self-learning or learning beyond syllabus during the semesters we provide information sharing material and orgnize different types of activities like workshop, training, conferences, club activities, quiz etc. For these activities academic calendar has sufficient provisions and HOD is authorized to change in schedule with permission of respective authorities.

I. Scope of Self – Learning

- Assignments
- Professional bodies
- Seminars
- Web based learning
- Library
- Industrial visits



Availability of Facility, Materials and Scope for Learning

S.No.	Activities	Beneficiary	Details
1	2-tier Library System	Faculties & Students	The institute has the effective 2-tier Library System both at Institute and the departmental level. The library is facilitated with more than two thousand books and more than eight thousand e-books,GATE, CAT prepration material, NPTEL video for students.
2	Availability of Internet facility in All labs.	Faculties & Students	Our institute has dedicated 12 Mbps lease line with 100% uptime. The labs is equipped with internet facility and at any time internet can be made available in all the labs.
3	Moocs like Swayam Prabha, NPTEL, Virtual Lab	Faculties & Students	SWAYAM is a programme initiated by Government of India, the objective of this effort is to take the best teaching learning resources to all.
4	Personality Develoment lectures	VII	Creativity, lateral thinking and communication / people management skills are essential Components for progress in any sphere. Students are encouraged to develop these through goal setting exercises, group discussions, mock interviews and presentations.

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5	Face classes	VII	Special classes conduct to improve Aptitude, Reasoning (Verbal and nonverbal), Soft skill and communication of students for placement purpose.
6	Industrial visit	V,VI	To bridge the gap between Industry and academia, various modules are covered.
7	Training program /Workshop/Seminars	All students	To enhance knowledge and develop technical skill.
8	Technical Events	All students	To enhance the technical knowledge.
9	International /national Conferences	Faculties & Students	For sharing new ideas and innovation common platform is provided.
10	FDP's	Faculty & Technical staff	Development of faculties.
11	Social activities: (A) Zarurat (B) Soch (C) Aashayein (D) Suhasini	All Students	All round development essentially means intellectual, physical, moral, sensible and social development.
12	Spiritual Training	Faculties & Students	For help in increasing mental capacity to focus better
13	Professional bodies	Students	<i>SAE India for the development of technical information on all forms of self-propelled vehicles including automobiles, aircraft, aerospace vehicles and transit system.</i>
14	Assignments	Students	It enabled students to go through the topics in a more elaborate manner in order to explore the academic topic which lead to an overall better learning experience for students. Assignments help the students to understand the subject in a more detailed pattern.

No. of students crack competitive exams

Year	No. of Student appeared online exam	No. of Student (Passed)
2021-2022	44	17

Personality Improvement

Year	Faculty	No of students enrolled (Soft Skill)
2021-2022	FACE Faculties	652

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Year	Name of event	Object of event	No. of students participated	Date of event
2021-22	Pre placement training program by Face	Bridging gap between academics & Industry	652	1/7/2021-18/8/2021

Internship Details (2021-22)

List of students undertaking project work/field work/internship					
S.No.	Program Name	Program code	Projects/Field work/Internship	Name of Student	Industrial training
1	CE	105	Internship	Aashutosh jwala	domestic data entry
2	CE	105	Internship	Abhay Kumar Bharti	Domestic Data Entry Operator - English
3	CE	105	Internship	Abhinav Sharma	TCS iON Career Edge - Young Professional
4	CE	105	Internship	Abhinav singh shekhawat	E skills
5	CE	105	Internship	Abhinna Gupta	Domestic Data Entry Operator
6	CE	105	Internship	Abhishek sen	Domestic data entry operator
7	CE	105	Internship	Aditya Gupta	AutoCad
8	CE	105	Internship	Aditya Son Ladna	Training based on skills which required in industries.
9	CE	105	Internship	Ajay chaudhary	The Fundamental of Digital marketing
10	CE	105	Internship	Ajay Detwal	E-skills
11	CE	105	Internship	Ajay kumar jangid	Auto Cadd
12	CE	105	Internship	Alok Meena	Civil cad
13	CE	105	Internship	Amaan Khan	Domestic Data Entry Operator- English
14	CE	105	Internship	Ankit Kumar Meena	AutoCAD
15	CE	105	Internship	Anshuman Singh	Domestic data entry
16	CE	105	Internship	Anurag gehlot	technical communication and artificial intelligence & IT foundational skills
17	CE	105	Internship	Arpit Kumar Jain	Construction to special repair drainage block
18	CE	105	Internship	Arya jaif	Web development
19	CE	105	Internship	Aryan Jaiman	Domestic Data Entry Operator-English

[SELF ASSESSMENT REPORT]



20	CE	105	Internship	Asgar imam	The Fundamental of Digital marketing
21	CE	105	Internship	Ashish kumar meena	Investment management virtual internship program
22	CE	105	Internship	Ashish Pahadia	Civil Cad
23	CE	105	Internship	Ashutosh Sharma	Fundamental of digital marketing, /concrete take off, design program
24	CE	105	Internship	Ashwani kumar	Domestic Data Entry
25	CE	105	Internship	Avika Mour	Domestic Data Entry Opretor- English
26	CE	105	Internship	Bhartendu Agnihotri	Domestic Data Entry
27	CE	105	Internship	Chandan nama	Infrastructure, design
28	CE	105	Internship	Chandra Shekhar	auto cadd
29	CE	105	Internship	Chandrakant	Infrastructure, design
30	CE	105	Internship	Chelsi Mewara	DOMESTIC DATA ENTRY OPERATOR- ENGLISH
31	CE	105	Internship	Chelsi Nagar	Domestic data entry- English
32	CE	105	Internship	Daksh Paharia	Civil cad
33	CE	105	Internship	DEENDAYAL MEENA	Young pffession
34	CE	105	Internship	Deepak Verma	Domestic Data Entry Operator - English
35	CE	105	Internship	DEVESH JHARWAL	DOMESTIC DATA ENTRY OPERATOR- ENGLISH
36	CE	105	Internship	Devesh Kumar	Domestic Data Entry Operator - English
37	CE	105	Internship	Dhananjay Singh Rathore	C++
38	CE	105	Internship	Dheeraj Kumar meena	John holland
39	CE	105	Internship	Dipesh meena	Domestic data entry operator- English
40	CE	105	Internship	Divyansh dhakar	Autocad video training
41	CE	105	Internship	Dixant gautam	Design programming
42	CE	105	Internship	Garbhit Kumawat	C-language
43	CE	105	Internship	Gaurav singh rajput	Domestic data entry operator
44	CE	105	Internship	Gaurav verma	Domestic data entry operator
45	CE	105	Internship	Gourav rawat	Domestic data entry –

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					English
46	CE	105	Internship	Hanumant singh shekhawat	TCS ION CAREER EDGE
47	CE	105	Internship	Harsh Sharma	Domestic Data Entry Operator- English
48	CE	105	Internship	Harshit Kumar Parashar	TCS ION Career Edge - Young Professionals
49	CE	105	Internship	Himanshu choudhary	Data entry
50	CE	105	Internship	Himanshu Gour	Data entry operator
51	CE	105	Internship	Himanshu mangal	Autocadd
52	CE	105	Internship	Hritik rawal	Domestic data entry operator- english
53	CE	105	Internship	KAMAL PRAJAPAT	Career edge
54	CE	105	Internship	Karan sharma	Domestic Data Entry operator
55	CE	105	Internship	Kartik Pachlangia	Domestic data entry operator
56	CE	105	Internship	Khem raj	Communication skills
57	CE	105	Internship	Khushal yadav	Investment banking
58	CE	105	Internship	Kishan sharma	Domestic data entry operator
59	CE	105	Internship	Kush sharma	Domestic data entry operator
60	CE	105	Internship	Lalit dhakad	Domestic data entry operator
61	CE	105	Internship	Lavkush	Communication skills
62	CE	105	Internship	Madhvendra singh	Auto cad
63	CE	105	Internship	Mayank meena	Auto cadd
64	CE	105	Internship	Mohd. Akib Theem	AutoCadd
65	CE	105	Internship	Naman Jain	Auto Cadd
66	CE	105	Internship	Naman Sahay Bhatnagar	AutoCAD
67	CE	105	Internship	Naresh meena	Auto cad
68	CE	105	Internship	Naresh Pareek	Autocad
69	CE	105	Internship	Naveen Kumar	AutoCAD
70	CE	105	Internship	Nilesh	Auto Cadd
71	CE	105	Internship	Parth Jain	Auto CAD
72	CE	105	Internship	Prakash meena	Auto cad
73	CE	105	Internship	Praveen Kumar	Auto Cadd

[SELF ASSESSMENT REPORT]



				Jadon	
74	CE	105	Internship	Priyanka	AutoCAD
75	CE	105	Internship	Priyanka Sharma	AutoCAD
76	CE	105	Internship	Rachit Surolia	Auto Cad
77	CE	105	Internship	Raghav Sharma	AutoCAD
78	CE	105	Internship	Rahul Choudhary	AutoCAD
79	CE	105	Internship	Rahul kumar sain	Auto Cad
80	CE	105	Internship	Rajeev Sharma	Auto CAD
81	CE	105	Internship	Raman Agarwal	Autocad
82	CE	105	Internship	RAMCHAND MEENA	Autocad video training
83	CE	105	Internship	REHANSH SHARMA	Auto cad
84	CE	105	Internship	Ritesh Kumar	Auto Cadd
85	CE	105	Internship	Ritik bagraniya	Auto cad
86	CE	105	Internship	Rohit Kumar Singh	AutoCAD
87	CE	105	Internship	Rohit Sharma	Autocad
88	CE	105	Internship	Sachin	AutoCAD
89	CE	105	Internship	Sachin Kumar Singhal	Auto cad
90	CE	105	Internship	SACHIN MEENA	Auto cad
91	CE	105	Internship	Saumya Katariya	Auto Cadd
92	CE	105	Internship	Saurabh kumar meena	Auto Cadd
93	CE	105	Internship	Shobhit nagar	Data entry
94	CE	105	Internship	Shoyab Tanwar	Auto cadd
95	CE	105	Internship	Soniya Singh	C++
96	CE	105	Internship	Sooraj garg	Auto cad
97	CE	105	Internship	Sourabh kumawat	Auto cadd
98	CE	105	Internship	Takshraj Singh Rajawat	AutoCAD
99	CE	105	Internship	Udit verma	Domestic data entry operator
100	CE	105	Internship	Utkarsh Bari	Domestic data entry operator
101	CE	105	Internship	vikas dhaka	auto cad
102	CE	105	Internship	Vinay Sharma	AutoCAD
103	CE	105	Internship	Virendra Khichar	AutoCadd
104	CE	105	Internship	Yash Goyal	Auto CaD
105	CE	105	Internship	Yash Meerwal	AutoCAD video training

[SELF ASSESSMENT REPORT]



106	CE	105	Internship	Yashika Singh Bhati	Autocad
107	CE	105	Internship	Yashraj Verma	Autocad
108	CE	105	Internship	Yashwant Rawat	Autocad
109	CE	105	Internship	Yatendra singh meena	Domestic Data Entry Operator — English
110	CE	105	Internship	Zulafqar Hussain	Auto Cadd
111	CE	105	Internship	Aarif Mohammad	SketchUp pro and CREO
112	CE	105	Internship	Aarti Chandrawat	3Ds Max, Staad Pro
113	CE	105	Internship	Aaryan Khandelwal	Sketchup pro
114	CE	105	Internship	Abdul Rauf	SketchUp pro and CREO
115	CE	105	Internship	Abhimanyu Singh Shekhawat	Autocad
116	CE	105	Internship	Abhishek	Sketchup pro,creo
117	CE	105	Internship	Abhishek Gupta	Fundamental of architecture in revit
118	CE	105	Internship	Adarsh Kumar	Auto Cadd
119	CE	105	Internship	Aditya Pareek	Sketchup pro,creo
120	CE	105	Internship	Agam	Sketchup Pro
121	CE	105	Internship	Ajay Kumar Meena	Sketchup Pro
122	CE	105	Internship	Akshat Puri	Sketchup Pro
123	CE	105	Internship	Aniket Sharma	AutoCadd
124	CE	105	Internship	Anjna Kumari	3Ds MAX, StaadPro
125	CE	105	Internship	Ankit	Sketchup Pro
126	CE	105	Internship	Ankit Kumar Chaubey	Building materials and Composite, Staad Pro, Revid
127	CE	105	Internship	Ankit Vijay	AutoCad - Civil
128	CE	105	Internship	Arvind Nagar	Auto Cadd in 2D
129	CE	105	Internship	Ashish Meena	SketchUp pro and CREO
130	CE	105	Internship	Ashish Meena	SketchUp pro and CREO
131	CE	105	Internship	Avinash Meena	Sketchup pro
132	CE	105	Internship	Ayushi Singh	Auto cadd
133	CE	105	Internship	Chandraveer Singh Shekhawat	Auto Cad
134	CE	105	Internship	Chirag Parashar	Revit, 3Ds MAX
135	CE	105	Internship	Deepak Jakhar	SketchUp pro and CREO
136	CE	105	Internship	Deepak Kumar Meena	Revit, 3Ds MAX
137	CE	105	Internship	Deepak Meena	SketchUp pro, CREO
138	CE	105	Internship	Deepanshu	Sketchup pro

[SELF ASSESSMENT REPORT]



139	CE	105	Internship	Deependra Kalwar	Auto cadd
140	CE	105	Internship	Devanshu	Sketchup Pro
141	CE	105	Internship	Divya Patidar	Autocad
142	CE	105	Internship	Dushyant Kamal	Revit
143	CE	105	Internship	Garima Mamoria	Auto Cadd
144	CE	105	Internship	Geetansh Chhabra	Project Planning and Control (NPTEL), Revit (Internshala), STAAD PRO (Internshala)
145	CE	105	Internship	Gunjan Gupta	Revit , Staad pro
146	CE	105	Internship	Hardik Malhotra	DESIGNING OF MULTISTOREY RCC COMMERCIAL BILDING
147	CE	105	Internship	Harsh Mittal	Auto cadd
148	CE	105	Internship	Harsh Omprakash Meena	SketchUp pro and CREO
149	CE	105	Internship	Hrishabh Mishra	Revit , Auto Cadd 3D, Graphic Designing
150	CE	105	Internship	Jaipal Prajapat	AutoCad & Water, Society & Sustainability & Developing soft skills & Personality development
151	CE	105	Internship	Jyoti Panchal	Autocad and 3Ds MAX
152	CE	105	Internship	Kapil	Revit,3Ds Max
153	CE	105	Internship	Karan Kumar	Auto cadd
154	CE	105	Internship	Kaushal Bansal	Auto cadd
155	CE	105	Internship	Krishan Kant Mittal	Revit, 3Ds Max
156	CE	105	Internship	Krishna Muwal	Revit
157	CE	105	Internship	Kuldeep Sahani	SketchUp pro and CREO
158	CE	105	Internship	Lagnesh Kanwat	CREO course, HVAC engineer
159	CE	105	Internship	Lakshya Poonia	AutoCAD Civil 2d , Sketchup Tutorial
160	CE	105	Internship	Lokesh Kumar Gurjar	Revit , staad pro
161	CE	105	Internship	Lokesh Kumar Mahawar	Revit, Staad pro
162	CE	105	Internship	Madhav Murari Sharma	Revit,3Ds MAX
163	CE	105	Internship	Mahesh Prajapati	Sketchup Pro
164	CE	105	Internship	Mamta	Staad pro

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165	CE	105	Internship	Manan Biwal	Auto cadd, Revit
166	CE	105	Internship	Manish Kumar	Revit and 3dS max
167	CE	105	Internship	Mayank Tamboli	Auto Cadd, Revit
168	CE	105	Internship	Mohd Anish Mirza	Autocad, Revit
169	CE	105	Internship	Mohit Sharma	REVIT , 3DS Max
170	CE	105	Internship	Mohit Sharma	AUTO CADD, NPTEL(Project Planning and Control)
171	CE	105	Internship	Mormukut Chauhan	Auto Cadd & Project planning and control
172	CE	105	Internship	Nav Sharma	(1) Construction Project Management (2) Renewable Energy and Green Building Entrepreneurship
173	CE	105	Internship	Neel Kumar Bairwa	Auto Cadd , Revit
174	CE	105	Internship	Niranjan Kumar Meena	Fluid mechanics, strength of materials
175	CE	105	Internship	Nishant Mali	1. 3d Printing 2. Revit
176	CE	105	Internship	Nitesh Kumar Saini	Auto cadd
177	CE	105	Internship	Pawan	SketchUp pro and Auto Cad
178	CE	105	Internship	Pranjal Pareek	3DS Max,Auto Cad
179	CE	105	Internship	Prasun Kumar	Auto cadd
180	CE	105	Internship	Praveen Kumar Yadav	AutoCAD, 3DS MAX
181	CE	105	Internship	Priyansh Saini	Building materials and composites
182	CE	105	Internship	Priyanshu Sharma	AutoCAD
183	CE	105	Internship	Rahul Choudhary	3dsmax
184	CE	105	Internship	Rahul Kumawat	Building materials and composites
185	CE	105	Internship	Rahul Lodha	AutoCAD and 3DsMAX
186	CE	105	Internship	Rahul Raj	Auto Cadd
187	CE	105	Internship	Rahul Sain	Autocad, Revit
188	CE	105	Internship	Rahul Sharma	Autocad, Revit
189	CE	105	Internship	Rahul Sharma	BMC
190	CE	105	Internship	Rakesh Suthar	BMC
191	CE	105	Internship	Ramesh Yadav	BMC

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192	CE	105	Internship	Sachin Chauhan	AutoCAD
193	CE	105	Internship	Sajad Hussain	Auto CAD
194	CE	105	Internship	Samarveer Singh Rajawat	AUTO CADD,NPTEL
195	CE	105	Internship	Sanjana Gurjar	Auto cadd, 3 ds max
196	CE	105	Internship	Saransh Sharma	Autocad & staad pro
197	CE	105	Internship	Satyam Kumar Jha	Auto Cadd,
198	CE	105	Internship	Saurabh Jorwal	3ds max & stadpro
199	CE	105	Internship	Shahwaz	AutoCAD
200	CE	105	Internship	Shivraj Singh	3ds max & stadpro
201	CE	105	Internship	Shruti Saini	Autocad ,Revit
202	CE	105	Internship	Shubham	REVIT AND AUTOCAD
203	CE	105	Internship	Shubham Sharma	AutoCAD
204	CE	105	Internship	Sneha Sanwal	Revit, staad pro
205	CE	105	Internship	Somendar Singh	AutoCAD Civil 2d , Sketchup Tutorial
206	CE	105	Internship	Someshwar Singh	AutoCAD
207	CE	105	Internship	Sonu Kuldeep	1. Geotechnical Engineering Laboratory 2. Strength of Materials
208	CE	105	Internship	Sumit Salotri	AutoCAD Civil 2d , Sketchup Tutorial
209	CE	105	Internship	Tanishq Bekadia	Revit, Staad pro
210	CE	105	Internship	Tarun Yadav	Autocad
211	CE	105	Internship	Tushar Katariya	Revit , staad pro
212	CE	105	Internship	Tushar Mehar	Revit , Staad pro
213	CE	105	Internship	Tushar Sharma	Revit, 3DsMAX
214	CE	105	Internship	Ujjwal Sharma	Revit architecture, building materials and composites
215	CE	105	Internship	Vaibhav Swami	Revit, Staad Pro.
216	CE	105	Internship	Vedika Saini	Revit , 3Ds MAX
217	CE	105	Internship	Vidhan Sharma	Auto cad
218	CE	105	Internship	Vishal Rajpurohit	3ds max
219	CE	105	Internship	Yash Tank	Revit , 3DSmax
220	CE	105	Internship	Yashi Bishnoi	Auto Cadd, Revit
221	CE	105	Internship	Yuvraj Singh Rajpurohit	3ds Max
222	CE	105	Internship	Aditya Dadhich	Autocad
223	CE	105	Internship	Ayush Soni	Strength of material

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224	CE	105	Internship	Himanshu Jonwal	Autocad
225	CE	105	Internship	Hon Vikrant Appasaheb	Autocad
226	CE	105	Internship	Ms.Jyoti Kumawat	Auto Cadd, Revit
227	CE	105	Internship	Kishan Bhawat	Auto cadd
228	CE	105	Internship	Krishna Sharma Vairagi	Auto Cadd
229	CE	105	Internship	Lobzang Paldon	AutoCAD
230	CE	105	Internship	Michael Jatav	Auto cad and staad pro
231	CE	105	Internship	Ms. Muskan Mina	Autocad, 3Ds MAX
232	CE	105	Internship	Rahul Choudhary	AutoCAD
233	CE	105	Internship	Sachin Kumar	Autocad
234	CE	105	Internship	Tanu Deshwar	3DS Max
235	CE	105	Internship	Yuvraj Singh	3DS Max
236	CE	105	Internship	Aakash Sharma	Staadpro, 3ds Max
237	CE	105	Internship	Abhinav Karela	AutoCAD and Revit
238	CE	105	Internship	Abhishek Gautam	Staad pro , 3Ds Max
239	CE	105	Internship	Abhishek Pareek	Revit,Infraworks
240	CE	105	Internship	Adil Tak	Technical
241	CE	105	Internship	Aditya Khandelwal	Revit, Stand Pro
242	CE	105	Internship	Ajay Dev Gurjar	AutoCAD
243	CE	105	Internship	Ajay Singh Pavaiya	Revit, staad pro
244	CE	105	Internship	Akash Kushwah	AutoCAD
245	CE	105	Internship	Akhilesh Ojha	Revit,infraworks
246	CE	105	Internship	Akshay Purohit	StaadPro, Primavera
247	CE	105	Internship	Aman Sharma	Stadpro
248	CE	105	Internship	Anjali Mahawar	Revit, staad pro
249	CE	105	Internship	Anmol Pareek	AutoCAD
250	CE	105	Internship	Anuj Kumar Goyal	Water supply project
251	CE	105	Internship	Anuj Kumar Vijay	Revit & staad pro
252	CE	105	Internship	Anupam Koolwal	Revit & staad pro
253	CE	105	Internship	Ashish Rajora	Auto cadd
254	CE	105	Internship	Bharat Dudi	Revit,staad pro
255	CE	105	Internship	Bharat Singh	AI for everyone
256	CE	105	Internship	Bhavy Kumar Jain	Trainee at ongoing project at sitapura site
257	CE	105	Internship	Bhupendra Singh Rajpurohit	Revit,Primavera
258	CE	105	Internship	Chandradeep	Stadd Pro , Primavera

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				Singh Shekhawat	
259	CE	105	Internship	Deepak Kumar Neniwal	Revit and staadpro
260	CE	105	Internship	Devesh Sharma	REVIT , staad pro
261	CE	105	Internship	Dhanraj Dhakar	Revit,staad pro.
262	CE	105	Internship	Dhanujay Nain	3dsmax Etabs
263	CE	105	Internship	Dheeraj Kumawat	auto cadd
264	CE	105	Internship	Dhruv Vishwakarma	Revit, Staad Pro
265	CE	105	Internship	Divyansh Pareek	Autocadd
266	CE	105	Internship	Gaurav Bohara	3Ds Max, Revit
267	CE	105	Internship	Gaurav Nagar	Application in engineering machanics, AI for all
268	CE	105	Internship	Govind Prajapati	Revit/ staadpro
269	CE	105	Internship	Harish Saini	Revit,staad pro
270	CE	105	Internship	Harsh Jarwal	Revit,Staad Pro
271	CE	105	Internship	Harsh Sharma	Staad pro, 3ds max
272	CE	105	Internship	Harsh Vardhan	Revit, Staad pro
273	CE	105	Internship	Harsh Vardhan Shekhawat	3ds Max
274	CE	105	Internship	Harsh Yadav	Revit, Staad pro
275	CE	105	Internship	Harshit Gupta	Live training ON-Site
276	CE	105	Internship	Himanshu Sain	Mechanics
277	CE	105	Internship	Hitesh Kumar	3DSMax , Staad Pro
278	CE	105	Internship	Iftiqar Ahmad	contruction and upgradation of roads
279	CE	105	Internship	Jaspinder Kaur	Stand pro , ETabs
280	CE	105	Internship	Kamal Yogi	Application in engineering mechanics
281	CE	105	Internship	Kanad Meena	Road works and other civil work
282	CE	105	Internship	Kartik Kamra	revit , staad pro
283	CE	105	Internship	Kuldeep Suthar	ETABS & STADD PRO
284	CE	105	Internship	Kushal Rathore	REVIT AND STAAD PRO
285	CE	105	Internship	Majid Salam Rather	Construction and upgradation of Road
286	CE	105	Internship	Manoj Saini	Auto cadd , Revit
287	CE	105	Internship	Mayank Arya	Stadd pro etab
288	CE	105	Internship	Mayank Barada	Revit and stadd pro
289	CE	105	Internship	Mayank Dadhich	Auto Cadd, Revit , staad pro
290	CE	105	Internship	Mehul Airan	Revit ,staad pro
291	CE	105	Internship	Mo Roman	Auto Cadd , Revit
292	CE	105	Internship	Mohammed Nofil	Intern in research team .

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293	CE	105	Internship	Mohammed Rameez Solanki	Intern in research work
294	CE	105	Internship	Mohit Kumar	Staad Pro, Primavera
295	CE	105	Internship	Mukul Tanwar	Auto Cad
296	CE	105	Internship	Narendra Kumawat	E-tabs , staad pro
297	CE	105	Internship	Neelam Meena	1. Autocad 2. Revit
298	CE	105	Internship	Neha Mehar	Auto cadd, revit
299	CE	105	Internship	Nikhil Jain	Auto cad , construction management
300	CE	105	Internship	Nikhil Saini	REVIT STAAD PRO
301	CE	105	Internship	Nilesh Verma	Revit , 3ds Max
302	CE	105	Internship	Nishant Varma	Auto cad staad pro
303	CE	105	Internship	Pankaj Udai	E-tabs ,staad pro.
304	CE	105	Internship	Paras Sharma	Staad Pro, Primavera
305	CE	105	Internship	Parth Jain	Auto cad
306	CE	105	Internship	Piyush Chaturvedi	Staad pro , 3ds max
307	CE	105	Internship	Prakanshu Bansal	staad pro, 3d max
308	CE	105	Internship	Prashant Baiplawat	Primavera, 3ds max
309	CE	105	Internship	Pravesh Kumar	Revit , Stadd Pro
310	CE	105	Internship	Prince Jaimini	LinkedIn
311	CE	105	Internship	Priya Meena	Construction management, GIS, foundation Engineering
312	CE	105	Internship	Priyanka Loyal	GIS, Foundation engineering
313	CE	105	Internship	Priyesh Unnithan	AutoCAD Revit Architecture
314	CE	105	Internship	Purwanshu	Staad pro
315	CE	105	Internship	Raghav Joshi	CONSTRUCTION MANAGEMENT,AUTOCAD CIVIL 3D
316	CE	105	Internship	Rahul Jangid	AutoCAD
317	CE	105	Internship	Rahul Yadav	Revit
318	CE	105	Internship	Rakesh Moond	Stand pro,Etabs
319	CE	105	Internship	Ravi Meena	Auto cadd , Revit
320	CE	105	Internship	Ravinder Singh	Revit
321	CE	105	Internship	Ritik Jain	Data Analyst
322	CE	105	Internship	Ritik Kumar Prajapati	Fundamental Of Project Management,AI, Digital Marketing
323	CE	105	Internship	Rohit Kumar	Arc GIS pro essential, Solar energy Basic

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324	CE	105	Internship	Sanchay Agrawal	Autodesk, Infra-works, Real World GIS, Construction Management, LEED Credentialing, Sustainability & Green Building, Construction Estimation, Real State Analysis.
325	CE	105	Internship	Sanjana Biraniya	Stadpro
326	CE	105	Internship	Sanjay Sharma	AutoCAD and AutoCAD 3D
327	CE	105	Internship	Saurabh Umarwal	Auto Cadd, mechanics of solid
328	CE	105	Internship	Shivam Rathore	linkedln, AutoCAD
329	CE	105	Internship	Shivani Shekhar	Revit and construction management
330	CE	105	Internship	Shivkant Sharma	Revit, 3D Max
331	CE	105	Internship	Shubham Rawat	Auto cadd, Revit
332	CE	105	Internship	Sourabh Kumar Regar	Revit, Construction management
333	CE	105	Internship	Sudarshan Dev Vaishnav	Auto Cadd , Revit
334	CE	105	Internship	Sumit Mina	Auto Cadd, Revit
335	CE	105	Internship	Sunil Kumar Mahala	Etc
336	CE	105	Internship	Supreeta Kumari	Revit , LEED
337	CE	105	Internship	Surendra Solanki	Stand pro, etabs
338	CE	105	Internship	Tarun Dev Singh	Staad pro
339	CE	105	Internship	Tarun Meena	Autocad civil 3d
340	CE	105	Internship	Teekam Chand Sahu	Auto cadd
341	CE	105	Internship	Varun Prakash Mittal	Site work , auto cad
342	CE	105	Internship	Vibhanshu Jain	SITE WORK
343	CE	105	Internship	Vikas Kumar Mahawar	3d max , construction management
344	CE	105	Internship	Vinayak Sharma	Municipal Solid Waste Management in Developing Countries ,Introduction to Faecal Sludge Management
345	CE	105	Internship	Viraj Chouhan	Water resources management and policy ,, introduction to indoor air quality
346	CE	105	Internship	Vivek Kumar Meena	Revit , 3ds max
347	CE	105	Internship	Yash Kumar Sharma	Auto cadd, Revit
348	CE	105	Internship	Yogesh Meena	Application in EM
349	CE	105	Internship	Bhavya Jain	Auto Cadd, Revit
350	CE	105	Internship	Mudit Sharma	Solid waste management

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351	CE	105	Internship	Ravi Sharma	Staad pro, 3Ds max
352	CE	105	Internship	Akash Kr. Prajapat	Remote Sensing and GIS , Geotechnical Engineering I
353	CE	105	Internship	Danish Siddiqui	Site supervision
354	CE	105	Internship	Mukul	Auto cadd , civil 3d , Auto desk , c++
355	CE	105	Internship	Swarn Raj Singh	Geotechnical engineering and foundation engineering
356	ME	113	Internship	Aashish Kumar	Udemy
357	ME	113	Internship	Aditya Hada	Google digital garage
358	ME	113	Internship	Aditya Sagar	Cademate
359	ME	113	Internship	Akash Singh Bhadoria	Cademate
360	ME	113	Internship	Akshat Khandelwal	
361	ME	113	Internship	Akshay Chaudhary	Cademate
362	ME	113	Internship	Devanshu Sharma	Cademate
363	ME	113	Internship	Dhruv Boola	NPTEL
364	ME	113	Internship	Gajendra Dayma	Udemy
365	ME	113	Internship	Gautam Vijay	Udemy
366	ME	113	Internship	GORAV	
367	ME	113	Internship	Gourang Sharma	Cademate
368	ME	113	Internship	Harsh Bansal	Cademate
369	ME	113	Internship	Harsh Kumar Yadav	Udemy
370	ME	113	Internship	Harshita Chawrani	Udemy
371	ME	113	Internship	Hemant Kumar Jangid	
372	ME	113	Internship	ILHAM JAMIL	Google digital garage
373	ME	113	Internship	Jaivansh Sharma	Cademate
374	ME	113	Internship	Jaivardhan Nagar	
375	ME	113	Internship	JAYESH Jhadodiya	Internshala training
376	ME	113	Internship	Jitendra Singh Meena	Internshala training
377	ME	113	Internship	Jitendra Vaishnav	Cademate
378	ME	113	Internship	JYOTIPRAKAS HSHARMA	Udemy
379	ME	113	Internship	Karan Yadav	Cademate
380	ME	113	Internship	Khwaish	Internshala training
381	ME	113	Internship	Krishankant	Cademate

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				Sharma	
382	ME	113	Internship	Krishna Pal	Cademate
383	ME	113	Internship	Kshitiz Mathur	Cademate
384	ME	113	Internship	Lakshya R Saadh	Cademate
385	ME	113	Internship	Laxman Sharma	Great learning
386	ME	113	Internship	Manish Solanki	Cademate
387	ME	113	Internship	Manoj Mangal	Sololearn
388	ME	113	Internship	Mohammad Julkhar	Cademate
389	ME	113	Internship	Muskan Soni	Internshala training
390	ME	113	Internship	Naman Agrawal	Internshala training
391	ME	113	Internship	Naman Gupta	Cademate
392	ME	113	Internship	Naveen Kumar Burdak	Udemy
393	ME	113	Internship	Nishant Dagar	Internshala training
394	ME	113	Internship	Nishkarsh Gujral	Great learning
395	ME	113	Internship	Parth Dadhich	Great learning
396	ME	113	Internship	Pradeep Mahawar	Great learning
397	ME	113	Internship	Priyansh Gupta	
398	ME	113	Internship	Rahul Meena	Cademate
399	ME	113	Internship	Ritik Hada	Cademate
400	ME	113	Internship	Rohit Tiwari	Think next
401	ME	113	Internship	Ronak Maheswari	
402	ME	113	Internship	SAMBHAV JAIN	Internshala training
403	ME	113	Internship	Shaksham Gouttam	Cademate
404	ME	113	Internship	Shamsuddin Siddiquee	Cademate
405	ME	113	Internship	SHANTANU SINGH YADAV	Cademate
406	ME	113	Internship	Shivam Sharma	Udemy
407	ME	113	Internship	Shivangi Acharya	Udemy
408	ME	113	Internship	Shubhanshu Kumawat	Think next
409	ME	113	Internship	Sushil Thapa	Cademate
410	ME	113	Internship	Vaibhav Soni	Coursera
411	ME	113	Internship	Vipin Pareek	Cademate
412	ME	113	Internship	Yash Kumawat	Cademate
413	ME	113	Internship	YUGDEEP SINGH HADA	Coursera

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414	ME	113	Internship	Apurv Jain	Cademate
415	ME	113	Internship	Raman Yadav	Great learning
416	ME	113	Internship	Saurabh Kumar	Udemy
417	ME	113	Internship	Abhay Kumar Jeengar	
418	ME	113	Internship	Abhijeet Ranjan	
419	ME	113	Internship	Aditya Saini	
420	ME	113	Internship	Aditya Sharma	
421	ME	113	Internship	Akash Kumar Verma	
422	ME	113	Internship	Aman Dadhich	
423	ME	113	Internship	Aman Kumawat	
424	ME	113	Internship	Amit Purohit	
425	ME	113	Internship	Amit Thakur	
426	ME	113	Internship	Ankit Raj	
427	ME	113	Internship	Ankur Gupta	
428	ME	113	Internship	Anubhav Choudhary	
429	ME	113	Internship	Atharv Sharma	
430	ME	113	Internship	Ayush Soni	
431	ME	113	Internship	Chirag Meena	
432	ME	113	Internship	Dhruv Goyal	
433	ME	113	Internship	Divyansh Agarwal	
434	ME	113	Internship	Gajendra Yadav	
435	ME	113	Internship	Harsh Jain	
436	ME	113	Internship	Himanshu Sharma	
437	ME	113	Internship	Hitesh Panchal	
438	ME	113	Internship	Ishan Adwani	
439	ME	113	Internship	Jitendra Saini	
440	ME	113	Internship	K K Siddharth	
441	ME	113	Internship	Lakhan Mishra	
442	ME	113	Internship	Lakshya Sharma	
443	ME	113	Internship	Mahendra Yadav	
444	ME	113	Internship	Mayank Kabra	
445	ME	113	Internship	Mayank Sharma	
446	ME	113	Internship	Mohd Amir Khokhar	
447	ME	113	Internship	Mridul Saini	
448	ME	113	Internship	Naleen Kumar Somani	
449	ME	113	Internship	Naman Goyal	
450	ME	113	Internship	Nand Kishore	

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				Yadav	
451	ME	113	Internship	Neeraj Gautam	
452	ME	113	Internship	Nishant Kumawat	
453	ME	113	Internship	Nitesh Guria	
454	ME	113	Internship	Parmendra Singh Jodha	
455	ME	113	Internship	Parth Kaushik	
456	ME	113	Internship	Pawan Kumar Sharma	
457	ME	113	Internship	Pawandeep Singh Bagga	
458	ME	113	Internship	Pravesh Datwani	
459	ME	113	Internship	Prince Raj	
460	ME	113	Internship	Pulkit	
461	ME	113	Internship	Rahul Dakuliya	
462	ME	113	Internship	Rahul Jangid	
463	ME	113	Internship	Rahul Kumar Kumawat	
464	ME	113	Internship	Rijul Katewa	
465	ME	113	Internship	Rishikesh Sahani	
466	ME	113	Internship	Rohit Bhatt	
467	ME	113	Internship	Rohit Jangid	
468	ME	113	Internship	Ronak Soni	
469	ME	113	Internship	Sachin Singh Senger	
470	ME	113	Internship	Sahil Khan Kayamkhani	
471	ME	113	Internship	Sanjay Meena	
472	ME	113	Internship	Satwik Sharma	
473	ME	113	Internship	Shivanshu Puri Goswami	
474	ME	113	Internship	Shubham Tiwari	
475	ME	113	Internship	Snehil Kumar	
476	ME	113	Internship	Somendra Sharma	
477	ME	113	Internship	Sunil Choudhary	
478	ME	113	Internship	Utkarsh Natu	
479	ME	113	Internship	Vedank Singhal	
480	ME	113	Internship	Vikas Prajapat	
481	ME	113	Internship	Yash Mahawar	
482	ME	113	Internship	Aman Sharma	
483	ME	113	Internship	Harshvardhan Singh	
484	ME	113	Internship	Kunal Kumar	

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485	ME	113	Internship	Mahesh Jonwal	
486	ME	113	Internship	Nakul Dandotia	
487	ME	113	Internship	Pratham Srivastava	
488	ME	113	Internship	Vishnu Sharma	
489	ME	113	Internship	Yaman Mathur	
490	ME	113	Internship	Yash Mishra	
491	ME	113	Internship	AAKASH GARG	Automobile and IC Engine course
492	ME	113	Internship	AARYANSH PANDEY	machine learning with python
493	ME	113	Internship	AASIM ALI	SOLIDWORKS
494	ME	113	Internship	ABHISHEK SINGH HADA	Intelligent machining
495	ME	113	Internship	ABHISHEK JADON	machine learning and solid works
496	ME	113	Internship	ABHISHEK KUMAR	Wind Energy
497	ME	113	Internship	ABHISHEK SHARMA	Maruti Suzuki workshop
498	ME	113	Internship	ABHISHEK SHARMA	Cybersecurity in Manufacturing
499	ME	113	Internship	AJAY MEERWAL	Wind energy & Python
500	ME	113	Internship	AKASH SINGHAL	Automobile and IC Engine course
501	ME	113	Internship	AKSHAT CHATURVEDI	Wind energy & python
502	ME	113	Internship	AKSHAT JAIN	Solidworks
503	ME	113	Internship	AKSHAT MANGAL	The Fundamentals of Digital Marketing
504	ME	113	Internship	AMAN KHAN	Wind Energy
505	ME	113	Internship	AMBAR SHUKLA	Internship
506	ME	113	Internship	AMIT MAHUR	wind energy
507	ME	113	Internship	ANIKET MAHESHWARI	HTML, CSS
508	ME	113	Internship	ANKUR SHARMA	Online workshop on Electric Vehicle
509	ME	113	Internship	ANURAG BARMAN	Python Programming
510	ME	113	Internship	ARUN RAJ SINGH NARUKA	fusion 360
511	ME	113	Internship	ARVIND SINGH GORA	3d printing

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512	ME	113	Internship	ARYAMAN KHADOLIYA	Intro to Digital Manufacturing with Autodesk Fusion 360
513	ME	113	Internship	ARYAN BAHETI	Web Develpoment and internship
514	ME	113	Internship	ASHUTOSH BARWAL	Wind Energy
515	ME	113	Internship	ASHUTOSH SINGH JAT	Maruti Suzuki workshop
516	ME	113	Internship	ASHUTOSH YADAV	Internship
517	ME	113	Internship	ASIF ALI	Machine design
518	ME	113	Internship	BADAL SINGH SHEKHAWAT	TEDP on AI and Data Science
519	ME	113	Internship	CHETAN MAHAWAR	AIR BRAKE SYSTEM
520	ME	113	Internship	DEEPAK MOOLANI	HTML5 and CSS3 for beginners
521	ME	113	Internship	DEEPAK SAINI	CAD,CAM and Practical CNC Machining
522	ME	113	Internship	DEEPAK SHARMA	Digital manufacturing and design
523	ME	113	Internship	DEEPENDRA SINGH NATHAWAT	SOLIDWORKS
524	ME	113	Internship	DEVANG VAISHNAV	wind energy and Digital manufacturing
525	ME	113	Internship	DEVESH MANDAN	Air Brake System
526	ME	113	Internship	DINESH JANGID	Rolling Contact Bearing
527	ME	113	Internship	DIVYA BHARTI	solidworks and ansys
528	ME	113	Internship	GOVIND SINGH KUSHWAH	PYTHON
529	ME	113	Internship	HARSH SONI	Web Develpoment and internship
530	ME	113	Internship	HARSHIL CHANDNA	Internship
531	ME	113	Internship	HIMANSHU CHOUDHARY	Python
532	ME	113	Internship	HIMANSHU KHATWANI	python, digital marketing
533	ME	113	Internship	HITARTH SINGH HADA	digital marketing
534	ME	113	Internship	INDERJEET SINGH YADAV	CAD,CAM and Practical CNC Machining

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535	ME	113	Internship	JAI PARKASH	solidworks and Machine Learning
536	ME	113	Internship	JAIVEER SINGH	Machine learning with python
537	ME	113	Internship	KARTIK GUPTA	Bearings
538	ME	113	Internship	KULDEEP SHARMA	Digital marketing
539	ME	113	Internship	KULDEEP SINGH	Maruti Suzuki workshop
540	ME	113	Internship	KULDEEP VAISHNAV	Programming, Data structures and Algorithms using Python
541	ME	113	Internship	KUNAL GURJAR	programming in python
542	ME	113	Internship	LAKSHENDRA SUMAN	electric vehicles course
543	ME	113	Internship	LAKSHAY KHANDELWAL	Java script html course
544	ME	113	Internship	LAKSHYA MISHRA	Javascript
545	ME	113	Internship	LOKESH KUMAWAT	Python
546	ME	113	Internship	MAHENDRA SINGH SOLANKI	Programming C and Python
547	ME	113	Internship	MANISH CHOUDHARY	BOSCH Diesel Fuel Injection Pump
548	ME	113	Internship	MANISH SUTHAR	Training
549	ME	113	Internship	MD FARDEEN BUKHSH	Body Manufacturing Division
550	ME	113	Internship	MOHIT CHOUDHARY	internship in Management of Servers at India Focus
551	ME	113	Internship	MOHIT VERMA	Digital marketing
552	ME	113	Internship	NAMAN AGRAWAL	python programming
553	ME	113	Internship	NARENDRA SINGH RAO	C++ Basics: Selection and Iteration
554	ME	113	Internship	NAVEEN POPTANI	Python Programming
555	ME	113	Internship	NAVEEN VERMA	Industrial Training at CIPET
556	ME	113	Internship	NAVNEET KUMAR	Industrial Training at CIPET
557	ME	113	Internship	NIKHIL	Programming in Python

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				KUMAR SAHU	
558	ME	113	Internship	NIKHIL NUWAL	Python
559	ME	113	Internship	NIKHIL SHARMA	Programming in Python
560	ME	113	Internship	NIMISH BHATNAGAR	internship in Working of a Sewage Treatment plant at Airavat GreenEnergy Private Limited
561	ME	113	Internship	PIYUSH AGARWAL	Google Analytics
562	ME	113	Internship	PIYUSH SHOORA	Digitalization in aeronautics and space
563	ME	113	Internship	PRAGYAN VASHISHTH	Albal Infra Private limited
564	ME	113	Internship	PRAJWAL SHROTRIYA	solidworks and machine learning
565	ME	113	Internship	PRAKHAR JAIN	Solidworks and Machine Learning
566	ME	113	Internship	PRINCE SONI	Solidworks and Ansys
567	ME	113	Internship	PRIYANSH GUPTA	Solidworks
568	ME	113	Internship	PUSHPENDRA KUMAR MANGAL	Java
569	ME	113	Internship	RAHUL JANGIR	Seamless and welded tublars
570	ME	113	Internship	RAJNISH VERMA	Electric and Hybrid Vehicle Technology
571	ME	113	Internship	RANU SONI	Electric Vehicle and Mobility
572	ME	113	Internship	REYANSH JOSHI	Albal Infra Private Limited
573	ME	113	Internship	RISHABH AGARWAL	AutoCAD
574	ME	113	Internship	RITIK JAIN	Solid Works
575	ME	113	Internship	RIZWAN AHMED	industrial training at foundry
576	ME	113	Internship	RUDRAKSHI KODAP	SOLIDWORKS and Ansys
577	ME	113	Internship	SAHIL ANSARI	Autocad & solidworks
578	ME	113	Internship	SAKSHAM AGRAWAL	PYTHON
579	ME	113	Internship	SANDEEP KUMAR AMETA	auto CAD,solidworks,c/c++
580	ME	113	Internship	SANSKAR JANGID	Digital Marketing

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581	ME	113	Internship	SATVIK SAIN	Micro Moulds
582	ME	113	Internship	SHAILESH KALWAR	Introduction to Data Science in Python
583	ME	113	Internship	SHAURYA PRATAP SINGH GODAR	Digital Marketing
584	ME	113	Internship	SHIVAM KUMAR YADAV	Albal Infra Private Limited
585	ME	113	Internship	SHIVANG SHRIVASTAVA	Cad Desk
586	ME	113	Internship	SHIVANSH SINGH	Capstone: Retrieving, Processing, and Visualizing data with Python
587	ME	113	Internship	SHUBHAM JINDAL	Ansys, Solidworks
588	ME	113	Internship	SHYAM SUNDER PIPRONIYAN	Python
589	ME	113	Internship	SOURABH SIKKA	Internship
590	ME	113	Internship	TANAY VIJAY	Programming in C++
591	ME	113	Internship	TUSHAR JAIN	Natural Gas
592	ME	113	Internship	VIKHYAT SITAWAT	Natural Gas
593	ME	113	Internship	VIPUL TAK	internship in Electronic System Design & Manufacturing at Headway Automations
594	ME	113	Internship	VISHAL KUMAR SHARMA	Six sigma Principles
595	ME	113	Internship	YASH CHOUDHARY	Electric and Hybrid Vehicle Technology
596	ME	113	Internship	YASHVANT SHARMA	Natural gas
597	ME	113	Internship	YUVRAJ SINGH	Natural gas
598	ME	113	Internship	KUNAL SHARMA	Natural Gas
599	ME	113	Internship	RAJORA TUSHAR SURENDRA	Six Sigma
600	ME	113	Internship	RITVIK SHRINGI	AutoCad ,SolidWorks
601	ME	113	Internship	SOMYA JAIN	Natural gas

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602	IT	112	Internship	Aashish Kundra	python from scratch
603	IT	112	Internship	Aayush bansal	Web development
604	IT	112	Internship	Abhay Agrawal	Learn to code with python from scratch
605	IT	112	Internship	Abhay Bansal	HTML,CSS and Java script for Web developer
606	IT	112	Internship	Aditya Shah	Learning Python from Scratch
607	IT	112	Internship	Aditya Singh Naruka	Web development
608	IT	112	Internship	Akash dagur	Machine learning with python
609	IT	112	Internship	Akhilesh Yadav	Web Development Angular
610	IT	112	Internship	Aksha Mishra	Industrial Training III Sem 2021-22 3IT7 - 30
611	IT	112	Internship	Akshat Chaurasia	The fundamentals of digital marketing
612	IT	112	Internship	akshat singh	c++
613	IT	112	Internship	AKSHAT VERMA	The Complete Networking Fundamentals Course. Your CCNA start
614	IT	112	Internship	Aman Goyanka	HTML CSS AND JAVASCRIPT
615	IT	112	Internship	Aman Jain	Web development
616	IT	112	Internship	Aman Jain	Mastering Data Structure and Algorithm using C and C++
617	IT	112	Internship	Aman kabra	Complete Python Developer in 2022: Zero to Mastery
618	IT	112	Internship	Aman Marothiya	Web Development
619	IT	112	Internship	Anjali Singh	Python bootcamp
620	IT	112	Internship	Ankit Kumar	Complete pyhton developer in 2021:From zero to mastery
621	IT	112	Internship	Ankit yadav	The Fundamental of Digital Marketing
622	IT	112	Internship	annu kumar gupta	web developement
623	IT	112	Internship	Ansh Singh	Python
624	IT	112	Internship	Anuj prajapat	Learn C++ Programming - Beginner to Advance-Deep Dive in C++

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625	IT	112	Internship	Anurag Sharma	Data Structures and Algorithms in Python
626	IT	112	Internship	Arjun jaygadi	Industrial training
627	IT	112	Internship	Arpit Agarwal	Digital Marketing
628	IT	112	Internship	Arpit Raychand Sansi	Programming Foundation with javascript, html, and css
629	IT	112	Internship	Arpit Raychand Sansi	WEB DEVELOPMENT
630	IT	112	Internship	Arpit sharma	Learn To Code With Python From Scratch
631	IT	112	Internship	Arti Solanki	Machine learning in python
632	IT	112	Internship	ARYAMAN SHARMA	Complete Ethical hacking Bootcamp 2022: Zero to Mastery
633	IT	112	Internship	Aryan Khandelwal	Web development
634	IT	112	Internship	Ashish Sharma	Python
635	IT	112	Internship	Ayush Kothari	Python
636	IT	112	Internship	Ayush Kumar	LEARN TO CODE WITH PYTHON FROM SCRATCH
637	IT	112	Internship	AYUSH SHARMA	CYBERSECURITY AND ETHICAL HACKING
638	IT	112	Internship	Ayushi Sharma	Web development
639	IT	112	Internship	Balpreet Kaur	Digital marketing
640	IT	112	Internship	Bharti Somra	C Programming: Advanced Data Types
641	IT	112	Internship	Charu jain	python from scratch
642	IT	112	Internship	Charushi Jain	Machine Learning Using Python
643	IT	112	Internship	Chirag Bhatia	Learn C++ Programming Beginner to Advance - Deep Dive in C++
644	IT	112	Internship	Chirag Soni	Java from zero to first job
645	IT	112	Internship	Darpan Mendiratta	Crash Course on Python
646	IT	112	Internship	deepanshu moorjani	web development
647	IT	112	Internship	DEVANSHI TIWARI	PYTHON
648	IT	112	Internship	Deven kumawat	Digital marketing
649	IT	112	Internship	Divisha Sharma	Python for Absolute Beginners: Learn Python in a Week!

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650	IT	112	Internship	Divyansh garg	Digital marketing
651	IT	112	Internship	Divyanshu Agrawal	Data Analyst
652	IT	112	Internship	Dixit Bansal	Web Development
653	IT	112	Internship	GARVIT	WEB DEVELOPMENT
654	IT	112	Internship	Garvit Choudhary	Python
655	IT	112	Internship	Gaurav Agarwal	JavaScript Course 2021
656	IT	112	Internship	Gaurav gupta	Python
657	IT	112	Internship	Grahit Goyal	Digital marketing
658	IT	112	Internship	Hardik Maheshwari	Web-Development
659	IT	112	Internship	Harsh Vardhan Singh	3rd sem. industrial training
660	IT	112	Internship	Harshit Purwar	Python
661	IT	112	Internship	Himani Munjal	Java(Core and Advanced)
662	IT	112	Internship	Himanshu Mishra	MODERN REACT WITH REDUX
663	IT	112	Internship	Hritika Binawara	The Web Developer Bootcamp 2022
664	IT	112	Internship	Hritika Binawara	WEB DEVELOPMENT
665	IT	112	Internship	Ishan Goyal	Web development
666	IT	112	Internship	Ishita Jain	Programming for everybody(PYTHON), Introduction to HTML5
667	IT	112	Internship	Ishita Sharma	Python for Everybody and HTML5
668	IT	112	Internship	Jalaj bohra	Python for everybody (get started with python)
669	IT	112	Internship	Jatin Lakhotia	Basic Python
670	IT	112	Internship	Jayant Mishra	100 Days of Code:The Complete Python Pro Bootcamp For 2022
671	IT	112	Internship	kanak saini	industrial training on python
672	IT	112	Internship	kanhaiya lal dhaker	The complete networking fundamental course
673	IT	112	Internship	Kanika Mittal	The Python Mega Course
674	IT	112	Internship	Kanishk Sharma	HTML5 + CSS3
675	IT	112	Internship	Kartik ashoya	Python programming
676	IT	112	Internship	Keshav Soni	Complete python developer zero to mastery
677	IT	112	Internship	Khushi Garg	Web development
678	IT	112	Internship	Khushi trivedi	Python

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679	IT	112	Internship	Khushi verma	Programming for everybody (Getting started with python)
680	IT	112	Internship	Komal bhamu	SEO Training 2022: Complete SEO course+ Wordpress SEO Yoast
681	IT	112	Internship	Konika Nagar	Complete python developer in 2022: from zero to mastery
682	IT	112	Internship	KUMUD JAIN	THE PYTHON MEGA COURSE 2022
683	IT	112	Internship	Lalit laxkar	Html css and javascript
684	IT	112	Internship	Mananya Gaur	LEARN TO CODE WITH PYTHON FROM SCRATCH
685	IT	112	Internship	Manisha Gehlot	Complete python developer : zero to mastery
686	IT	112	Internship	Mayank sharma	Javascript
687	IT	112	Internship	Megha Sharma	C++ Programming
688	IT	112	Internship	Megha Sharma	Python Bootcamp
689	IT	112	Internship	Meghansh Agarwal	C++ Programming
690	IT	112	Internship	MEGHANSH AGARWAL	Python Programming
691	IT	112	Internship	Mitesh Chouhan	Python Basic
692	IT	112	Internship	Muskan Gola	Beginning C++ Programming- From Beginner to Beyond
693	IT	112	Internship	Muskan Gola	100 days of code. The complete python pro bootcamp.
694	IT	112	Internship	Naman Bohara	Fundamental Digital Marketing
695	IT	112	Internship	Naman Somani	Python Basics
696	IT	112	Internship	NAUMIT KUMAR	JAVA PROGRAMMING FOR BEGINNERS
697	IT	112	Internship	Nikhil	Html css ans JavaScript
698	IT	112	Internship	Nikhil Singh	Java Basic
699	IT	112	Internship	Nikita Agarwal	Web development
700	IT	112	Internship	Nishant Gupta	Machine Learning & Deep Learning in Python & R
701	IT	112	Internship	Nishant Singh Kushwah	The Python Mega Course: Build 10 Real World Applications

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702	IT	112	Internship	Pankaj sain	The fundamental of digital marketing
703	IT	112	Internship	Piyush Gupta	Python
704	IT	112	Internship	Prabal Jain	WEB DEVELOPMENT BOOTCAMP 2022
705	IT	112	Internship	Prafful Palod	Digital Marketing
706	IT	112	Internship	Pranav Audichya	Machine Learning and Deep learning in python and R
707	IT	112	Internship	Pranav Audichya	Deep learning in python and R
708	IT	112	Internship	Prasann Parnami	Responsive Web Design
709	IT	112	Internship	Pratham Kumar Singh	The Web Developer Bootcamp 2022
710	IT	112	Internship	Preksha Parashar	PYTHON
711	IT	112	Internship	Prerana Sharma	Python Pro Bootcamp
712	IT	112	Internship	Priyanshu Das	Beginning C++ Programming - From Beginner to Beyond
713	IT	112	Internship	Priyanshu garg	Python
714	IT	112	Internship	Rachit koolwal	machine learning and deep learning in python
715	IT	112	Internship	Rachit koolwal	Python
716	IT	112	Internship	Raina gupta	HTML CSS JAVASCRIPT for Web developers
717	IT	112	Internship	Rajat Jain	Web Development
718	IT	112	Internship	Rani Yadav	Python programming
719	IT	112	Internship	Ridhima solet	Gold visor
720	IT	112	Internship	Rishi Vyas	HTML, CSS AND JAVASCRIPT for Web Developers
721	IT	112	Internship	Rishika Sharma	Python Developer in 2022 from zero to mastery
722	IT	112	Internship	Riya Sharma	PYTHON
723	IT	112	Internship	Rohit Baghel	Industrial training
724	IT	112	Internship	Rohit Sankhala	HTML,CSS and Javascript for web Developers
725	IT	112	Internship	Sahil Chandani	Phython Basics
726	IT	112	Internship	Saksham Sharma	Become a Certified HTML, CSS, JavaScript Web Developer
727	IT	112	Internship	Saloni Shrivastava	Coding

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728	IT	112	Internship	Sameer maheshwari	Chatbot(python)
729	IT	112	Internship	Sanchay Jain	Html, Css And JavaScript
730	IT	112	Internship	Saransh Jain	Learn To Code With Python from Scratch.
731	IT	112	Internship	Shashank Sharma	Web development
732	IT	112	Internship	Shivam garg	WEB DEVELOPMENT
733	IT	112	Internship	Shruti Gupta	Web Development
734	IT	112	Internship	Shruti Sharma	Web development
735	IT	112	Internship	Sneha	Web development bootcamp 2022
736	IT	112	Internship	Sneha gupta	Technical Entrepreneurship Development program-RPA
737	IT	112	Internship	Somesh Sharma	IT Networking Fundamentals with Lab Practicals
738	IT	112	Internship	Soumya Agarwal	Python
739	IT	112	Internship	Sparsh Gupta	Programming
740	IT	112	Internship	Subrat Shukla	Javascript
741	IT	112	Internship	Suvesh sharma	Web development
742	IT	112	Internship	Tanishka narula	python basics
743	IT	112	Internship	Varnika Jain	Learn Python Programming Masterclass
744	IT	112	Internship	Vartika Jain	Python From Scratch
745	IT	112	Internship	Vasudev Gupta	Python 101 for Data Science
746	IT	112	Internship	Vatsalya bohara	The Fundamentals Of Digital Marketing
747	IT	112	Internship	Vedika Garg	Digital Marketing
748	IT	112	Internship	Vibhor Mittal	Python
749	IT	112	Internship	Vidit parikh	Hotel management system
750	IT	112	Internship	Vinay Khatri	Digital marketing
751	IT	112	Internship	VINIT PRADHAN	Digital Marketing
752	IT	112	Internship	Vishnu kumar	Web development
753	IT	112	Internship	Yashvi Nama	Robotics Process Automation
754	IT	112	Internship	Yashwant Sharma	Python and Computer Vision
755	IT	112	Internship	Yuvraj Singh Rathore	Web development
756	IT	112	Internship	Yuvraj	PYTHON

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				Upadhyay	
757	IT	112	Internship	HARSH GUPTA	Embedded system
758	IT	112	Internship	Neeraj Borana	Embedded System
759	IT	112	Internship	Aaftab Khan	The Complete Android Oreo Developer Course - Build 23 Apps!
760	IT	112	Internship	Aakarsh Thora	Google Cloud Computing Fundamental
761	IT	112	Internship	Aayush Malav	Google Cloud
762	IT	112	Internship	Abhay Sharma	Neural Network and Deep Learning
763	IT	112	Internship	Abhay Sharma	Google cloud computing
764	IT	112	Internship	Abhijeet Choudhary	G. C. C. F
765	IT	112	Internship	Abhishek Singh Rathore	Web development
766	IT	112	Internship	Adarsh Tapariya	Python Programming
767	IT	112	Internship	Aditi Sharma	Full Stack Development
768	IT	112	Internship	ADITYA GOYAL	GOOGLE CLOUD COMPUTING FOUNDATIONS
769	IT	112	Internship	Aditya Jaiswal	Web development
770	IT	112	Internship	Aishwary Goswami	Neural Networks and Deep Learning
771	IT	112	Internship	Akshat Jain	Introduction to tensorflow for artificial intelligence, machine learning and deep learning
772	IT	112	Internship	AMIT YADAV	Project Development Using JAVA for Beginners
773	IT	112	Internship	Ananya Jain	Google Cloud Platform
774	IT	112	Internship	Anshul Khandelwal	Web development
775	IT	112	Internship	Aryan Verma	Google cloud computing fundamental
776	IT	112	Internship	Ayan kumar Sethi	GCCF
777	IT	112	Internship	Ayush kumar jain	C++ programming language
778	IT	112	Internship	Brijnandan meena	Front end web development
779	IT	112	Internship	Chahak Khandelwal	Google cloud computing
780	IT	112	Internship	Deepak Singhal	Google Cloud Computing

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781	IT	112	Internship	DEVANSH AGARWAL	AWS FUNDAMENTALS
782	IT	112	Internship	devesh sharma	Python Programming
783	IT	112	Internship	Dhruv Shringi	Industrial training
784	IT	112	Internship	Divesh Maheshwari	Google cloud computing foundation
785	IT	112	Internship	Garvit Kumar	C++ Programming Language
786	IT	112	Internship	Gaurav khandelwal	Python basic advance and django
787	IT	112	Internship	HARDIK SINGHAL	Google Cloud Computing Foundation Program
788	IT	112	Internship	HARSH GUPTA	Google cloud computing foundation
789	IT	112	Internship	Harsh sharma	cloud computing
790	IT	112	Internship	Harsh Singhal	SQL
791	IT	112	Internship	Harsh Verna	Python programming language
792	IT	112	Internship	Harshit agarwal	Google Cloud Computing Foundations
793	IT	112	Internship	Harshit Tiwari	Google Cloud Computing Foundations
794	IT	112	Internship	HITESHA KUMARI	WEB DEVELOPMENT
795	IT	112	Internship	Ishan Mittal	Python Programming Bootcamp
796	IT	112	Internship	Jaanvi Pandey	Google Cloud Platform Services
797	IT	112	Internship	Jirin Jain	Google Cloud Computing Foundations
798	IT	112	Internship	Keshav Kumar	GCCF
799	IT	112	Internship	Khushi Jain	Web development
800	IT	112	Internship	Khushi Nandwana	Google Cloud Computing Foundation
801	IT	112	Internship	Khushi Vijay	Gccf
802	IT	112	Internship	kirty gupta	Programming with Python
803	IT	112	Internship	Kunal Mod	Introduction to Tensorflow for AI, ML and DL
804	IT	112	Internship	Kushal Gera	GCCF
805	IT	112	Internship	Maidini Gautam	Google Cloud Computing Program
806	IT	112	Internship	Manas gaur	PYTHON
807	IT	112	Internship	Manas Sharma	Beginning C++ Programming-Form

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					Beginner to Beyond
808	IT	112	Internship	Mitanshu Surana	Google Cloud Computing Foundation
809	IT	112	Internship	Naman sharma	C++
810	IT	112	Internship	NEHAL JAIN	Python Data Structures
811	IT	112	Internship	Nishant Kumawat	Java programming for complete beginners
812	IT	112	Internship	Prakhar Bhargava	Python
813	IT	112	Internship	Pranjal Jain	Android Application Development
814	IT	112	Internship	Pratham Kabra	Web Development
815	IT	112	Internship	Praveen sharma	Web development
816	IT	112	Internship	Prerna Preeek	Web Development
817	IT	112	Internship	Priyanshi Jangid	Machine Learnig
818	IT	112	Internship	Puneet Kumar Saini	Introduction to Machine learning
819	IT	112	Internship	Radhika Sikarwar	Python basics
820	IT	112	Internship	Rahul kumar jangid	Python
821	IT	112	Internship	Ravindra Anchara	Machine Learning
822	IT	112	Internship	Rishabh Jain	App Development Using Flutter
823	IT	112	Internship	Rohit Khandelwal	Web development, backend
824	IT	112	Internship	Sachin Nehra	ROBOTIC PROCESS AUTOMATION
825	IT	112	Internship	Samay Gupta	Electric Vehicle internship
826	IT	112	Internship	Saurabh Pandey	Basic Web Development with React JS and JS
827	IT	112	Internship	Shashank Maheshwari	Machine learning
828	IT	112	Internship	Sheersh Jain	Docker
829	IT	112	Internship	Shivam Shrivastava	cyber security and ethical hacking
830	IT	112	Internship	Shobit Khandelwal	Google Cloud Computing Foundations
831	IT	112	Internship	Shreya Kothiwal	Google cloud computing foundations
832	IT	112	Internship	Shubhanshu Garg	Cybersecurity Compliance Framework and System Administration

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833	IT	112	Internship	Shyam Garg	Web development
834	IT	112	Internship	Siddharth Jain	Android app development
835	IT	112	Internship	Sneha Mittal	Diploma in Marketing Analytics
836	IT	112	Internship	Sonal Mundra	Google Cloud Computing Foundation
837	IT	112	Internship	Sparsh Mittal	Google Cloud Computing Foundation
838	IT	112	Internship	Srijan Jain	JavaScript
839	IT	112	Internship	Suhani Gupta	Web Development
840	IT	112	Internship	Surya Sharma	Cybersecurity
841	IT	112	Internship	Tanupriya Jindal	Google Cloud Computing Foundation Course
842	IT	112	Internship	Ujjwal mittal	LocalEyes
843	IT	112	Internship	Vaibhav lakhawat	Android development
844	IT	112	Internship	Vedika Goyal	Hypertext preprocessors
845	IT	112	Internship	Harsh Verma	Python Programming Language
846	IT	112	Internship	Hrishabh Kothari	Elements of AI
847	IT	112	Internship	Samay Gupta	Electric Vehicles Internship
848	IT	112	Internship	Abhishek Tiwari	Python programming
849	IT	112	Internship	Raghav Mandowara	Deep learning. AI
850	IT	112	Internship	Saksham Jain	Web Development
851	IT	112	Internship	Sneha Mittal	Marketing Analytics
852	IT	112	Internship	Yash sharma	JAVASCRIPT
853	IT	112	Internship	Mayank Jain	Wearher Page
854	IT	112	Internship	Mohit Gupta	GCCF
855	IT	112	Internship	NAMAN GOYAL	GCCF
856	IT	112	Internship	ASHUTOSH SHARMA	Learn to code in Python 3
857	IT	112	Internship	meghraj.it23@jecrc.ac.in	Python
858	IT	112	Internship	ABHIJEET SANCHETI	Python for data analysis and Visualization
859	IT	112	Internship	Abhimanyu Singh Hada	Natural language processing
860	IT	112	Internship	ABHINAV GOYAL	BIG DATA AND HADOOP
861	IT	112	Internship	Abhishek Kumar Sinha	Web Development (Django Framework)My portfolio website

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862	IT	112	Internship	Abin Varghese	Summer program on MLOps Platform
863	IT	112	Internship	Aditya Bhatnagar	Python with Flask
864	IT	112	Internship	Aishwarya Harsh	Web Development
865	IT	112	Internship	Akshat Pareek	Responsive Website Design
866	IT	112	Internship	Akshit Jain	Machine learning
867	IT	112	Internship	Aman Agarwal	Web Development
868	IT	112	Internship	Aman Dakhera	Python Training
869	IT	112	Internship	Aman dhaker	Sentimental analysis
870	IT	112	Internship	Aman Dhing	Student Result Management System
871	IT	112	Internship	Aman Dokania	Ecommerce Application
872	IT	112	Internship	Aman Kedia	Distributed Serverless Workflow for Stock Price Movements
873	IT	112	Internship	Aman Sharma	React Js
874	IT	112	Internship	Aniket Jain	Ecommerce website (Web Development)
875	IT	112	Internship	Animesh Mathur	Image Editing Software
876	IT	112	Internship	Anirudh Sharma	Full-Stack Web Development with React
877	IT	112	Internship	Anirudhi Thanvi	IBM skillbuild innovation camp – 2021
878	IT	112	Internship	ankit bansal	Android development with java and kotlin
879	IT	112	Internship	Anul Jain	Deep learning
880	IT	112	Internship	Arbaz Hussain	Web Technology(ReactJs)
881	IT	112	Internship	Arushi Jain	Machine Learning
882	IT	112	Internship	Aryan Chngal	Industrial Training Report
883	IT	112	Internship	Ashish Shrivastav	Data Science
884	IT	112	Internship	Ayush Bansal	Implementation of MS POWER BI regarding Covid 19
885	IT	112	Internship	Bhanvi Menghani	Cognix-Valve Builder - python/ML
886	IT	112	Internship	DARSHIKA SAINI	HEALTH CONSULT RECORDS WEBSITE
887	IT	112	Internship	Dewang Agarwal	Implementation of end to end used car price prediction
888	IT	112	Internship	Dheeraj Sharma	Web development library site

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889	IT	112	Internship	Faizan Ahamed	3D ANIMATION IN AUTODESK MAYA
890	IT	112	Internship	Garvita jain	Machine Learning with Data Science
891	IT	112	Internship	Gaurav Sharma	House Price Prediction ML model
892	IT	112	Internship	Guhika Bhandari	End To End House Price Prediction (ML) Project
893	IT	112	Internship	Harshit Sachdeva	Android App Development
894	IT	112	Internship	Himanshu Kudal	Android development
895	IT	112	Internship	Hitesh Harsh	Data Engineering over Cloud with DevOps Automation
896	IT	112	Internship	Ishika Garg	Weather Forecasting App in Python
897	IT	112	Internship	Ishika Mishra	Flutter and Dart
898	IT	112	Internship	JAIKISHAN AGARWAL	INDUSTRIAL TRAINING ON DATA ANALYTICS
899	IT	112	Internship	Jatin Sharma	Backend Development Using Django
900	IT	112	Internship	Khushboo Jain	Data Analytics
901	IT	112	Internship	Khushi Singhal	Spam Email Analysis-NLP
902	IT	112	Internship	Lokesh Acharya	Flutter And Dart
903	IT	112	Internship	Manoj jain	Web development with html,css & Java script
904	IT	112	Internship	Mayank Batwal	Data Analytics
905	IT	112	Internship	Megha Agarwal	Twitter Sentiment Analysis
906	IT	112	Internship	MRIDUL KHANDELWAL	E-COMMERCE APPLICATION
907	IT	112	Internship	Muskan Slathia	Twitter Sentiment Analysis using Machine Learning
908	IT	112	Internship	Nandini Gupta	House Price Prediction
909	IT	112	Internship	Neha jain	Flight Price Prediction
910	IT	112	Internship	Nikhil Soni	Flutter
911	IT	112	Internship	Nishant Arora	Movie Recommendation System
912	IT	112	Internship	Nitu Kumawat	Machine Learning
913	IT	112	Internship	Parag Garg	Machine learning

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914	IT	112	Internship	Parikshit Shaktawat	NerdCoders-Website Development
915	IT	112	Internship	Parul Jain	Deep Learning
916	IT	112	Internship	Piyush Kothari	The Comprehensive Android App Development Masterclass
917	IT	112	Internship	Pooja Agarwal	Twitter Sentimental Analysis
918	IT	112	Internship	Prachi Joshi	Polar Line
919	IT	112	Internship	Prajwal Gidwani	Deep Learning
920	IT	112	Internship	Raghav Sharma	Front-end Web Development
921	IT	112	Internship	Raj Shrivastava	Stock Market Analysis in Python
922	IT	112	Internship	Rakshit Lodha	Desktop assistant
923	IT	112	Internship	Rishabh Jain	Pthon Django – The Practical Guide
924	IT	112	Internship	Rishav Sharma	Machine Learning
925	IT	112	Internship	Rohan Jain	Android Development
926	IT	112	Internship	Rohit Sharma	Machine Learning And Data Science With Python
927	IT	112	Internship	Sahil Khandelwal	Full Stack with Django & React
928	IT	112	Internship	Sakshi Gupta	Machine Learning
929	IT	112	Internship	Sakshi Mishra	Project Title - Student Solution
930	IT	112	Internship	Sanjana	Machine Learning
931	IT	112	Internship	Sanskar Soni	FULL STACK WEB DEVELOPMENT
932	IT	112	Internship	Sarthak Arya	Java & JavaScript
933	IT	112	Internship	Shivansh Khandelwal	Continuous Integration and Continuous Deployment
934	IT	112	Internship	Shlo Pandit	Network Security
935	IT	112	Internship	Shradha Gupta	Full stack development
936	IT	112	Internship	shubham sain	network security
937	IT	112	Internship	Siddarth Jain	The Comprehensive Android App Development Masterclass
938	IT	112	Internship	Sneha Gupta	React-js & Node-js
939	IT	112	Internship	Sonakshi Sikhwal	Machine Learning
940	IT	112	Internship	Tanisha Modi	Python Django
941	IT	112	Internship	Vaibhav Sharma	Web Development

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942	IT	112	Internship	Vaishali Goyal	Django: Beginner To Advanced
943	IT	112	Internship	Versha Krishnani	Machine Learning
944	IT	112	Internship	Yash Garg	Dictionary webpage
945	IT	112	Internship	YOGYA CHHATWANI	RESPONSIVE WEB DESIGN
946	CSE	106	Internship	AABHAR GUPTA	PG life
947	CSE	106	Internship	AADITYA VYAS	Pinterest clone site , django administrator
948	CSE	106	Internship	AARSHI AGARWAL	365 Entertainment
949	CSE	106	Internship	AAYUSH SHARMA	
950	CSE	106	Internship	AAYUSHI SINGH	Chronic Kidney Disease Prediction
951	CSE	106	Internship	ABHEY SINGH	E-commerce website
952	CSE	106	Internship	ABHIMANYU GABHRANI	stock price prediction
953	CSE	106	Internship	ABHINANDAN AMAN	login page
954	CSE	106	Internship	ABHISHEK SHARMA	
955	CSE	106	Internship	ABHISHEK SINGH RATHORE	Fantasy Cricket Game
956	CSE	106	Internship	ABHISHEK SURANA	Heart Disease Prediction
957	CSE	106	Internship	ADITI SHARMA	Car price prediction
958	CSE	106	Internship	ADITYA ANIL PARIHAR	login authentication
959	CSE	106	Internship	ADITYA KUMAR	Hostel for boys
960	CSE	106	Internship	ADITYA PANWAR	
961	CSE	106	Internship	ADITYA SIKHWAL	PG-life
962	CSE	106	Internship	AKANSHA GUPTA	registration or login page
963	CSE	106	Internship	AKRITI MANGAL	Roshambo Game
964	CSE	106	Internship	AKSHAT KANOONGO	Banking system
965	CSE	106	Internship	AKSHITA ARORA	E-commerce website
966	CSE	106	Internship	AKSHITA BANGAR	portfolio management website
967	CSE	106	Internship	AMAN DHAKAD	wine quality prediction
968	CSE	106	internship	ANAND SINGH	

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				GAHLOUT	
969	CSE	106	Internship	ANIMESH JAIN	car price prediction
970	CSE	106	Internship	ANJULI AGGARWAL	Pinterest, e-commerce website
971	CSE	106	Internship	ANKIT KHANDELWAL	
972	CSE	106	Internship	ANKUR KUMAR SINGH	Fantasy Cricket Game
973	CSE	106	Internship	ANSH KHANDELWAL	Diabetes prediction
974	CSE	106	Internship	ANSHIKA SINGHAL	
975	CSE	106	Internship	ANUBHAV SONI	Pizza Price Prediction
976	CSE	106	Internship	ANUJ BHALOTHIA	PG Life
977	CSE	106	Internship	ANURAG DADHICH	
978	CSE	106	Internship	ANURAG RATHORE	registration or login page
979	CSE	106	Internship	ANUSHKA SHARMA	
980	CSE	106	Internship	APOORV SHARMA	Vulnerabilities in an e-commerce website
981	CSE	106	Internship	APOORVA JAIN	Vulnerabilities in an e-commerce website
982	CSE	106	Internship	APURVA RATHORE	Word Cloud
983	CSE	106	Internship	APURVA SINGHAL	
984	CSE	106	Internship	ARCHIT SHARMA	
985	CSE	106	Internship	ARIN GOYAL	Red-wine Quality Prediction
986	CSE	106	Internship	ARPIT KRISHAN SHARMA	Vege-Train
987	CSE	106	Internship	ARPIT SRIVASTAVA	word cloud
988	CSE	106	Internship	ARPITA GANJOO	365 entertainment
989	CSE	106	Internship	ARPITA MAHESHWARI	Virtual Cricket Game
990	CSE	106	Internship	ARSHAD HUSSAIN ANSARI	
991	CSE	106	Internship	ARUSHI JAIN	
992	CSE	106	Internship	ARYAN SHARMA	heart disease prediction
993	CSE	106	Internship	ARYAN YADAV	IRCTC website
994	CSE	106	Internship	ASHIKA AGRAWAL	PG life

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995	CSE	106	Internship	AVI SHARMA	
996	CSE	106	Internship	AYUSH ARYA	
997	CSE	106	Internship	AYUSH JANGID	personal voice assistant
998	CSE	106	Internship	AYUSHI JOSHI	Heart Rate Prediction
999	CSE	106	Internship	AYUSHI KHANDELWAL	
1000	CSE	106	Internship	BHANU PRATAP SHARMA	
1001	CSE	106	Internship	BHAVYA BANSAL	E-commerce website
1002	CSE	106	Internship	BHAWNA GOLCHHA	
1003	CSE	106	Internship	Bhoomi Garg	Pinterest website
1004	CSE	106	Internship	CHANDRA SHEKHAR CHAUDHARY	Pinterest, E-commerce website
1005	CSE	106	Internship	CHARUL YADAV	
1006	CSE	106	Internship	CHINMAY AGARWAL	bookhub app
1007	CSE	106	Internship	CHIRAG MATHUR	Entertainment Website
1008	CSE	106	Internship	CHIRAG MIDDHA	
1009	CSE	106	Internship	CHIRAG SINGHVI	login authentication
1010	CSE	106	Internship	DARSHAN RATHI	personal travel blog
1011	CSE	106	Internship	DEEPAK KUMAR	Survey form
1012	CSE	106	Internship	DEVANG DEVLIA	Space tourism website
1013	CSE	106	Internship	DEVANG RATHOD	word cloud generator
1014	CSE	106	Internship	DEVESH KUMAR	Pizza Price Prediction
1015	CSE	106	Internship	DEWANG KHANDELWAL	Human Activity Recognition
1016	CSE	106	Internship	DHRUV AGARWAL	
1017	CSE	106	Internship	DHRUV SUTHAR	
1018	CSE	106	Internship	DHWANI JINDAL	Bank Management System
1019	CSE	106	Internship	DIGVIJAY SINGH	Machine learning with python
1020	CSE	106	Internship	DIKSHA SHARMA	bank management system
1021	CSE	106	Internship	DILIP KUMAR SUTHAR	Web development using Python-Django

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1022	CSE	106	Internship	DIVIT RAJAWAT	Machine learning using python
1023	CSE	106	Internship	DIVYA AHUJA	Web development using python
1024	CSE	106	Internship	DIVYA JAIN	Machine Learning Using Python
1025	CSE	106	Internship	DIVYANSH JANGID	web development using python
1026	CSE	106	Internship	DIVYANSH MITTAL	Machine Learning with Python
1027	CSE	106	Internship	DIYA JAIN	Web development with ReactJs
1028	CSE	106	Internship	GATIK RATHOR	Machine learning with A.I
1029	CSE	106	Internship	GAURAV GUPTA	Machine learning with A.I
1030	CSE	106	Internship	GAURAV THANVI	Python with Machine Learning
1031	CSE	106	Internship	GIRDHAR PANDEY	Machine learning using python
1032	CSE	106	Internship	GOURAV SINGH	
1033	CSE	106	Internship	HARDIK JHALANI	Python programming
1034	CSE	106	Internship	HARDIK RATHI	Web development using Python-Django
1035	CSE	106	Internship	HARSH GARG	Web development using Python-Django
1036	CSE	106	Internship	HARSH NAGAR	Machine learning using python
1037	CSE	106	Internship	HARSH SAHU	machine learning using python
1038	CSE	106	Internship	HARSHAL POKHARNA	Web development using python
1039	CSE	106	Internship	HARSHDEEP SINGH SALUJA	
1040	CSE	106	Internship	HARSHIT DHANUKA	machine learning using python
1041	CSE	106	Internship	HARSHIT KABRA	web development using Python –Django
1042	CSE	106	Internship	HARSHIT YADAV	Bank management system
1043	CSE	106	Internship	HARSHITA AGARWAL	
1044	CSE	106	Internship	HARSHVARDH AN BHARDWAJ	
1045	CSE	106	Internship	HEMANT KUMAR	Student Report Management System
1046	CSE	106	Internship	HEMANT KUMAR GARG	Bank management System
1047	CSE	106	Internship	HIMANSHU	agriculture optimisation using python
1048	CSE	106	Internship	HIMANSHU SHARMA	
1049	CSE	106	internship	JAIN NEHAL	Machine Learning using

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				DINESHKUMAR	Python
1050	CSE	106	Internship	JAINI SHAH	
1051	CSE	106	Internship	JANVI MOTWANI	Web development using Python-Django
1052	CSE	106	Internship	JASMINE SHARMA	Bank management system
1053	CSE	106	Internship	JATIN KUMAR SHANDILYA	Bank Management System
1054	CSE	106	Internship	JATIN KUMAR YADAV	Machine learning with A. I.
1055	CSE	106	Internship	JATIN LALWANI	Cyber Security-phishing pages
1056	CSE	106	Internship	JATIN SAINI	web development
1057	CSE	106	Internship	JAY JIGNESH BHAVSAR	Production Units Prediction System
1058	CSE	106	Internship	JAYESH BHOOTRA	web development with python
1059	CSE	106	Internship	JITESH KUMAR NARULA	PG home
1060	CSE	106	Internship	KALPIT JAIN	HTML Workshop
1061	CSE	106	Internship	KANIKA MUNSHI	Machine learning using python
1062	CSE	106	Internship	KANISHK SINGHAL	web development
1063	CSE	106	Internship	KARAN PATHAK	Web Development
1064	CSE	106	Internship	KARTIK SANKHLA	Machine learning using python
1065	CSE	106	Internship	KARTIK SONI	
1066	CSE	106	Internship	KARTIKEY SHARMA	bank management system
1067	CSE	106	Internship	KAUSTUBHI AGRAWAL	bank management system
1068	CSE	106	Internship	KHUSHAL KUMAWAT	machine learning using python
1069	CSE	106	Internship	KHUSHBOO AGARWAL	google geostation locator
1070	CSE	106	Internship	KHUSHI GOYAL	Book my show clone, zomato clone
1071	CSE	106	Internship	KHUSHI KHANDELWAL	bank management system
1072	CSE	106	Internship	KHUSHI SONI	Production Units prediction system
1073	CSE	106	Internship	KINJAL SETHI	
1074	CSE	106	Internship	KINSHUK BANSAL	Web Development using python-django
1075	CSE	106	Internship	KOUSHIK KHANDELWAL	machine learning with python
1076	CSE	106	Internship	KRITI PANCHOLI	Machine Learning with Python
1077	CSE	106	Internship	KRITIKA GUPTA	C PROGRAMMING

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1078	CSE	106	Internship	KSHITIZ SHRIVASTAVA	Web development with python django
1079	CSE	106	Internship	KUNAL SAHU	Web development with python django
1080	CSE	106	Internship	KUNAL SHARMA	Web development with python django
1081	CSE	106	Internship	KUNARK RAWAT	Machine learning using python
1082	CSE	106	Internship	KUSHAGRA KASHYAP	Machine learning using python
1083	CSE	106	Internship	LAKSHIT JOSHI	Machine learning using python
1084	CSE	106	Internship	LAKSHYA PANCHAL	Machine learning using python
1085	CSE	106	Internship	LAKSHYA TAMBI	Machine learning using python
1086	CSE	106	Internship	LAXIT NAHAR	Machine learning using python
1087	CSE	106	Internship	LUCKY SHARMA	Web development with python django
1088	CSE	106	Internship	MADHUR GUPTA	web development
1089	CSE	106	Internship	MAHAK CHOUHAN	web development with python django
1090	CSE	106	Internship	MANAV CHOUDHARY	Machine learning using python
1091	CSE	106	Internship	MANOJ KUMAR KHANDELIA	Machine learning using Python
1092	CSE	106	Internship	MAYANK ROHILLA	Machine learning using python
1093	CSE	106	Internship	MOHAMMED BILAL SHEIKH	Machine Learning using Python
1094	CSE	106	Internship	MOHIT BORA	CORE JAVA
1095	CSE	106	Internship	MOHIT GUPTA	web development with python django
1096	CSE	106	Internship	MONISHA JHANWAR	web development with python django
1097	CSE	106	Internship	MRUDUL VERMA	Web Development using Python-Django
1098	CSE	106	Internship	NAMAN JAIN	Web development using Python-Django'
1099	CSE	106	Internship	NAMAN MATHUR	Machine Learning Using python
1100	CSE	106	Internship	NANCY JAIN	Web Development using Python-Django
1101	CSE	106	Internship	NANDANI KAKANI	Web Development using Python-Django
1102	CSE	106	Internship	NANDINI AGARWAL	Android Development Using Kotlin
1103	CSE	106	Internship	NANDINI TRIVEDI	Machine Learning Using python

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1104	CSE	106	Internship	NARESH SHARMA	web development using python django
1105	CSE	106	Internship	NAVEEN JANGID	Web development using python django
1106	CSE	106	Internship	NEHA MANGAL	Web development using Django
1107	CSE	106	Internship	NIPUN JAIN	Machine Learning using python
1108	CSE	106	Internship	NISHANT MUNSHI	Machine Learning using Python
1109	CSE	106	Internship	NISHANT SHAKYA	Machine learning using python
1110	CSE	106	Internship	NISHITA SHARMA	Machine Learning Using Python
1111	CSE	106	Internship	NITIN MALAV	Machine Learning Using Python
1112	CSE	106	Internship	NITYASH KUMAR	Introduction To c++
1113	CSE	106	Internship	OJASVI SHARMA	Machine Learning Using Python
1114	CSE	106	Internship	PIYUSH JAISWAL	Machine Learning using Python
1115	CSE	106	Internship	POOJA GARG	Web Development using python Django
1116	CSE	106	Internship	POOJA KANWAR	web development using python DJANGO
1117	CSE	106	Internship	PRACHI SHARMA	Web Development using Python-Django
1118	CSE	106	Internship	PRAKHAR SHARMA	
1119	CSE	106	Internship	PRAROOP KUMAWAT	web development
1120	CSE	106	Internship	PRASHAM JAIN	ML using Python
1121	CSE	106	Internship	PRASHANSA GOYAL	Web development using python django
1122	CSE	106	Internship	PREKSHA JAIN	Machine learning using python
1123	CSE	106	Internship	PRESHIT KATTA	web development using python django
1124	CSE	106	Internship	Aryan Audichya	Web development using Python-Django
1125	CSE	106	Internship	Hemant Kumar	Flutter Monile
1126	CSE	106	Internship	Ali Abbas Mashriqi	
1127	CSE	106	Internship	Shimoni Vyas	<u>"Beginning C++ Programming - From Beginner to Beyond"</u> .
1128	CSE	106	Internship	Ayushi kumari	web development using python-Django
1129	CSE	106	Internship	Jasika kumari	Web development using Python-Django
1130	CSE	106	Internship	Rohit Gautam	core java

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1131	CSE	106	Internship	Meganshi asawara	web development using Python-Django
1132	CSE	106	Internship	Akshat Khatod	Machine Learning using Python
1133	CSE	106	Internship	Aayushi bansal	
1134	CSE	106	Internship	Chandrapal Singh Inda	Machine learning using python
1135	CSE	106	Internship	CHIRAG GARG	Web Development
1136	CSE	106	Internship	KUSHAL PAREEK	Embedded System Design
1137	CSE	106	Internship	KHUSHI JAIN	Embedded System Design
1138	CSE	106	Internship	Bharti Somra	Linux Basics: The Command Line Interface
1139	CSE	106	Internship	Mohit Parwani	Embedded Systems and Designs
1140	CSE	106	Internship	Priyank Mehta	Machine Learning Using Python
1141	CSE	106	Internship	Priyanshu Gupta	Web Development learning project
1142	CSE	106	Internship	Pulkit Mathur	Machine learning using python
1143	CSE	106	Internship	Radhika Dhoot	Embedded System and it's Applications using 8 bit-MCU
1144	CSE	106	Internship	Rahul Jain	programming for everybody using python
1145	CSE	106	Internship	Rahul Sharma	programming for everybody using python
1146	CSE	106	Internship	Raj Kumar	Machine Learning Using Python
1147	CSE	106	Internship	Rajat singh bhati	web development
1148	CSE	106	Internship	Rakshit Parti	Machine learning with puthon
1149	CSE	106	Internship	Richa Gautam	python programming
1150	CSE	106	Internship	Rimjhim sharma	embedded system and robotics
1151	CSE	106	Internship	Rishab Gupta	Web Development learning Project
1152	CSE	106	Internship	Rishabh Gurjar	Web Development
1153	CSE	106	Internship	Rishabh Sharma	Web Development Learning Project
1154	CSE	106	Internship	Rishi Chaturvedi	Machine learning with Python
1155	CSE	106	Internship	Ritam Sharma	Web development learning project
1156	CSE	106	Internship	Riya Gupta	web development
1157	CSE	106	Internship	Rohit Saini	web development learning project

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1158	CSE	106	Internship	Roopam Agrawal	machine learning using python
1159	CSE	106	Internship	Ruchika Sharma	Web Development Learning Project
1160	CSE	106	Internship	Rudrakshi Malav	Web Development Learning Project
1161	CSE	106	Internship	Sagar Jain	web development learning project
1162	CSE	106	Internship	Sahil goyal	Web development Learning project
1163	CSE	106	Internship	Sahil Manyal	machine learning using python
1164	CSE	106	Internship	Sakshi Naruka	Embedded System and it's Applications using 8 bit-MCU
1165	CSE	106	Internship	Saloni Gupta	Web Development Learning Project
1166	CSE	106	Internship	Saloni Vijayvargiya	web development learning project
1167	CSE	106	Internship	Samarth Amera	Machine Learning Using Python
1168	CSE	106	Internship	Sameer Rungta	Web Development learning Project
1169	CSE	106	Internship	Samridhi Sharma	web development
1170	CSE	106	Internship	Sanskar Sharma	Machine learning with python
1171	CSE	106	Internship	Sanskriti Gupta	Machine learning with python
1172	CSE	106	Internship	sarthak jain	Machine learning with python
1173	CSE	106	Internship	Sarvesh Sharma	Machine Learning with Python
1174	CSE	106	Internship	Satvic Gupta	Machine learning with python
1175	CSE	106	Internship	Satyam Sitoliwal	Machine learning with python
1176	CSE	106	Internship	Saurav Kumar	Web Development Learning Project
1177	CSE	106	Internship	Shabir Hussain	C programming language
1178	CSE	106	Internship	Shivam Agarwal	Machine learning using python
1179	CSE	106	Internship	Shivam Somani	Machine Learning with Python
1180	CSE	106	Internship	Shruti Jain	web development learning project
1181	CSE	106	Internship	Shubh Gaur	Machine learning using python

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1182	CSE	106	Internship	Shubham agarwal	Machine Learning Using Python
1183	CSE	106	Internship	Shubham Sharma	Python Programming learning
1184	CSE	106	Internship	Shubhangi Vijayvargiya	Machine Learning using python
1185	CSE	106	Internship	Siddhi Nahar	Machine learning with Python
1186	CSE	106	Internship	Sitaram Devanda	Cyber Security
1187	CSE	106	Internship	Sonali Vijayvargiya	Web Development learning Project
1188	CSE	106	Internship	Sonalika Sharma	Data analysis with Python
1189	CSE	106	Internship	Srashti Rawat	machine learning using python
1190	CSE	106	Internship	Srishti Sharma	Web Development
1191	CSE	106	Internship	Sudhanshu Somani	web development learning project
1192	CSE	106	Internship	sumit gupta	web development learning project
1193	CSE	106	Internship	Surbhi Mathur	Machine Learning using Python
1194	CSE	106	Internship	Suthar Parth	web development learning project
1195	CSE	106	Internship	Tanushree Acharya	Web development using Django framework
1196	CSE	106	Internship	Tapan Dangi	Web development learning project
1197	CSE	106	Internship	Tushar Khandelwal	Web Development learning Project
1198	CSE	106	Internship	Urvi Rav	Machine learning with python
1199	CSE	106	Internship	Vaibhav Shivhare	Programming with Python
1200	CSE	106	Internship	Vaishnavi Maheshwari	Web development learning project
1201	CSE	106	Internship	Vansh Acharya	C programming language
1202	CSE	106	Internship	Vansh Kalra	C programming language
1203	CSE	106	Internship	Vanshika Jain	machine learning using python
1204	CSE	106	Internship	Varsha Jain	Machine learning with python
1205	CSE	106	Internship	Vicky Sharma	Web Development
1206	CSE	106	Internship	Vikash Kumar	Web Development
1207	CSE	106	Internship	vinayak jaimini	web development learning projects
1208	CSE	106	Internship	yash gangwal	python programming learning

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1209	CSE	106	Internship	Yash Khandelwal	C++
1210	CSE	106	Internship	Yashansh sharma	Web development
1211	CSE	106	Internship	Yashi Garg	Machine Learning using Python
1212	CSE	106	Internship	Yashpal Singh Jodha	java programming
1213	CSE	106	Internship	Yeril Baswana	Machine learning using python
1214	CSE	106	Internship	Yogesh Kumar	Machine Learning with Python
1215	CSE	106	Internship	Yukti Agarwal	Embedded System and it's Applications using 8 bit-MCU
1216	CSE	106	Internship	Raghav Bhadada	Machine Learning with Python
1217	CSE	106	Internship	Aakash Ojha	Google Cloud Computing Foundation
1218	CSE	106	Internship	Aarushi Vashistha	Google Cloud Computing foundation, Azure cloud computing internship, IBM Skillbuild innovation camp
1219	CSE	106	Internship	Aayushi Agarwal	
1220	CSE	106	Internship	Abhi Khandelwal	ML and AI intern
1221	CSE	106	Internship	Abhinav Sharma	Python Developer Intern, GCP Engineer Intern @Sirpi, R&D Intern @GitHub, DevOps Intern @Zeeve Inc., DevOps Lead @Sinplay, Google Cloud Career Readiness Student Mentor
1222	CSE	106	Internship	Abhinav Siyal	Google Cloud Computing Foundation
1223	CSE	106	Internship	Abhishek Mittal	Google Cloud Computing Foundation
1224	CSE	106	Internship	Abhishek Sharma	Google Cloud Computing Foundation
1225	CSE	106	Internship	Adarsh Sharma	Google Cloud Computing Foundation
1226	CSE	106	Internship	Aditi Gupta	
1227	CSE	106	Internship	Aditya Khandelwal	MLOPS Internship
1228	CSE	106	internship	Aditya Kumar	

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				Sharma	
1229	CSE	106	Internship	Akhil Soni	Google Cloud Computing Foundation
1230	CSE	106	Internship	Akshat Sharma	
1231	CSE	106	Internship	Aman Jindal	Google Cloud Computing Foundation
1232	CSE	106	Internship	Amit Goyal	Google Cloud Computing Foundation
1233	CSE	106	Internship	Amit Sharma	Google Cloud Computing Foundation
1234	CSE	106	Internship	Amit Tiwari	Google Cloud Computing Foundation
1235	CSE	106	Internship	Amit Upadhyay	Flutter Application development for Web, Android and IOS
1236	CSE	106	Internship	Ammar Bohra	Google Cloud Computing Foundations
1237	CSE	106	Internship	Anjali Rander	
1238	CSE	106	Internship	Ankush Chouhan	Google cloud computing foundation
1239	CSE	106	Internship	Anmol Vijayvergiya	ML and AI intern
1240	CSE	106	Internship	Anuj Naruka	Google Cloud
1241	CSE	106	Internship	Anurag Toshniwal	Data Analyst and ML-AI Internship
1242	CSE	106	Internship	Apeksh Agarwal	Hybrid Multi Cloud Training
1243	CSE	106	Internship	Arun Ahir	
1244	CSE	106	Internship	Ashish Garg	Google Cloud Computing Foundation
1245	CSE	106	Internship	Asif Khan Leelgar	Google cloud
1246	CSE	106	Internship	Avik Jain	Web Designing Internship
1247	CSE	106	Internship	Ayush Khandelwal	Google Cloud
1248	CSE	106	Internship	Ayush Maroo	Google Cloud
1249	CSE	106	Internship	Bhavika Shah	Google Cloud
1250	CSE	106	Internship	Bhavin Bansal	Google Cloud
1251	CSE	106	Internship	Chahat Bhandari	ML Internship
1252	CSE	106	Internship	Chhavi Ajmera	Google Cloud
1253	CSE	106	Internship	Chinmay Singh Panwar	Google cloud
1254	CSE	106	Internship	Chirag Jain	industrial training
1255	CSE	106	Internship	Chirag Rawat	Google Cloud

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1256	CSE	106	Internship	Chirag Singhal	Google Cloud
1257	CSE	106	Internship	Chirayu Jain	Google Cloud
1258	CSE	106	Internship	Darshan Jain	Google Cloud
1259	CSE	106	Internship	Dhruv Khandelwal	Google Cloud
1260	CSE	106	Internship	Divy Samdani	Web design galway art project
1261	CSE	106	Internship	Divya Jindal	Google Cloud
1262	CSE	106	Internship	Divyanshu Jain	Google cloud
1263	CSE	106	Internship	Gargee Maheshwari	
1264	CSE	106	Internship	Garvit Agarwal	google cloud computing foundation
1265	CSE	106	Internship	Goel Isha	Google Cloud
1266	CSE	106	Internship	Gourav Vijaywargiya	Google Cloud
1267	CSE	106	Internship	Harish Kumar	
1268	CSE	106	Internship	Harkirat Singh	
1269	CSE	106	Internship	Harsh Mehta	
1270	CSE	106	Internship	Harsh Vardhan Sharma	Google cloud
1271	CSE	106	Internship	Harshit Mantri	Data Analysis by Python
1272	CSE	106	Internship	Harshita Goyal	Google Cloud
1273	CSE	106	Internship	Himanshu Dhaka	Google cloud
1274	CSE	106	Internship	HIMANSHU SHARMA	Google Cloud Computing Foundation program
1275	CSE	106	Internship	HIREN BHAL	Software Developer Internship
1276	CSE	106	Internship	ISHITA GUPTA	Google Cloud Computing Foundation program
1277	CSE	106	Internship	JAHANVI AGRAWAL	Google Cloud Computing Foundation program
1278	CSE	106	Internship	JAI SHARMA	Google cloud computing foundation program
1279	CSE	106	Internship	JATIN JAIN	Google cloud computing foundation program
1280	CSE	106	Internship	JATIN SHARMA	google cloud computing foundation program
1281	CSE	106	Internship	JAYESH GUPTA	Machine Learning with Data Science
1282	CSE	106	Internship	KANWALPREET SINGH PENCI	google cloud computing foundation
1283	CSE	106	Internship	KAPIL DADHICH	Google Cloud Computing Foundation Program
1284	CSE	106	Internship	KARTIK CHANDNA	Google Cloud Computing Foundation Program

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1285	CSE	106	Internship	KAUSTUBH SHRIVASTAV A	Google Cloud Computing Foundations Program
1286	CSE	106	Internship	KETAN JANGID	Google Cloud Computing Foundation
1287	CSE	106	Internship	KHUSHI GANDHI	Google Cloud Computing Foundations Program
1288	CSE	106	Internship	KHUSHI PALIWAL	Google Cloud Computing Foundations Program
1289	CSE	106	Internship	KRISHNPAL SINGH SHEKHAWAT	Google Cloud Computing Foundations Program
1290	CSE	106	Internship	KRITIKA GARG	Google cloud computing foundation program
1291	CSE	106	Internship	KUMAR KESHAV KASHYAP	Google Cloud Computing Foundation Program
1292	CSE	106	Internship	KUSHAL SINGHAL	Google Cloud Computing Foundations Program
1293	CSE	106	Internship	LAVKUSH BANSAL	Google Cloud Computing Foundations Program
1294	CSE	106	Internship	LAVNEESH RAJPUT	Google Cloud Computing Foundations Program
1295	CSE	106	Internship	MADHAVI RATHI	Google Cloud Computing Foundations Program
1296	CSE	106	Internship	MADHVENDR A SINGH	Google Cloud Computing Foundation Program
1297	CSE	106	Internship	MAHAVEER SONI	Google Cloud Computing Foundation Program
1298	CSE	106	Internship	MAHITA KHANDELWA L	Google cloud computing foundation
1299	CSE	106	Internship	MANJOT SINGH ANAND	Google Cloud Computing Foundations
1300	CSE	106	Internship	MANSI SOMANI	Google Cloud Computing Foundations
1301	CSE	106	Internship	MANU BANSAL	Google cloud computing foundations program
1302	CSE	106	Internship	MAYANK SHARMA	Google Cloud Computing Foundations Program
1303	CSE	106	Internship	MEENAL AGARWAL	google Cloud computing foundation
1304	CSE	106	Internship	MOHAN CHANDAK	Google Cloud Computing Foundation Program
1305	CSE	106	Internship	MOHD SAHIL	Google Cloud Computing Foundations
1306	CSE	106	Internship	MONU	Google Cloud Computing Foundations

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1307	CSE	106	Internship	MUHAFIZ RAZA	Google Cloud Computing Foundations
1308	CSE	106	Internship	NAMITA LAMBA	Artificial intelligence
1309	CSE	106	Internship	NANDINI JAIN	Google Cloud Computing Foundation
1310	CSE	106	Internship	NAVEEN SHARMA	google cloud computing foundation
1311	CSE	106	Internship	NEERAJ KUMAWAT	Google Cloud Computing Foundation
1312	CSE	106	Internship	NEHA AGARWAL	Google Cloud Computing Foundation
1313	CSE	106	Internship	NIHAR JAIN	Google cloud Computing Foundation
1314	CSE	106	Internship	NIKHIL GAUTAM	Google cloud Computing Foundation
1315	CSE	106	Internship	NIKITA VIJAY	Google cloud Computing Foundation
1316	CSE	106	Internship	PALAK AGRAWAL	Customer Segmentation
1317	CSE	106	Internship	PALASH GUPTA	Google cloud Computing Foundation
1318	CSE	106	Internship	PALLAV JAIN	Google Cloud Computing
1319	CSE	106	Internship	PARAS JAIN	Google Cloud Computing Foundations
1320	CSE	106	Internship	PARILAKSHY A PURI	google cloud computing foundations
1321	CSE	106	Internship	PARUL SAINI	Learn JavaScript
1322	CSE	106	Internship	PARV SHARMA	Google Cloud Computing Foundations
1323	CSE	106	Internship	PEEYUSH VARYANI	Google Cloud Computing Foundations
1324	CSE	106	Internship	PINGAKSH PAREEK	Google Cloud Computing Foundations
1325	CSE	106	Internship	PIYUSH AGARWAL	Google Cloud Computing Foundations
1326	CSE	106	Internship	PRAFUL JAIN	Google Cloud Computing Foundations
1327	CSE	106	Internship	PRAKHAR RAI	google cloud computing foundations
1328	CSE	106	Internship	PRANAV GUPTA	google cloud computing foundations
1329	CSE	106	Internship	PRATEEK MITTAL	Google cloud computing foundation
1330	CSE	106	Internship	PREKSHA SHARMA	Google cloud computing foundation
1331	CSE	106	Internship	PRISHA NAMA	Machine Learning
1332	CSE	106	Internship	PRIYA SHARMA	Google cloud computing foundation

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1333	CSE	106	Internship	PULKIT BEGWANI	Google cloud computing foundation
1334	CSE	106	Internship	RAGHAV JHAWAR	Google Cloud Computing Foundation
1335	CSE	106	Internship	RAGHAVEND RA SINGH	Google Cloud Computing Foundation
1336	CSE	106	Internship	RAHUL MEHTA	Google Cloud Computing Foundations
1337	CSE	106	Internship	RAHUL RANJAN	Google Cloud Computing Founigation
1338	CSE	106	Internship	RAHUL TYAGI	Google Cloud computing foundation
1339	CSE	106	Internship	RASHMI GAUR	Google Cloud Computing Foundation
1340	CSE	106	Internship	RAVI KUMAR TAK	Google Cloud computing foundation
1341	CSE	106	Internship	RAVIRAJ SINGH INDA	Google Cloud computing foundation
1342	CSE	106	Internship	RIDHIRAJ SINGH	Android app development
1343	CSE	106	Internship	RISHABH AGARWAL	Google Cloud Computing Foundation
1344	CSE	106	Internship	RISHABH SHARMA	Google Cloud Computing Foundation
1345	CSE	106	Internship	mukul palariya	Google cloud computing foundation
1346	CSE	106	Internship	RISHABH SINGH	GCCF training
1347	CSE	106	Internship	RITIK SINGHAL	GCCF training
1348	CSE	106	Internship	RITIKA GOYAL	GCCF training
1349	CSE	106	Internship	RIYA JAIN	
1350	CSE	106	Internship	ROHAN MATHUR	GCCF training
1351	CSE	106	Internship	ROHIT KUMAWAT	GCCF training
1352	CSE	106	Internship	ROHIT POONIA	GCCF Training
1353	CSE	106	Internship	RONIT JAIN	GCCF Training
1354	CSE	106	Internship	SAHID KHAN	GCCF Training
1355	CSE	106	Internship	SAKSHAM SHARMA	python Internship
1356	CSE	106	Internship	SAKSHI KABRA	
1357	CSE	106	Internship	SAMARTH GUPTA	GCCF training
1358	CSE	106	internship	SAMARTH PRATAP	Python training

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				SINGH	
1359	CSE	106	Internship	SAMKIT JAIN	
1360	CSE	106	Internship	SAMYAK M JAIN	
1361	CSE	106	Internship	SANKALP BRIJESH	GCCF training
1362	CSE	106	Internship	SAUMYA SHARMA	Internshala Web Development training
1363	CSE	106	Internship	SHEVIL MISTRY	GCCF Training
1364	CSE	106	Internship	SHIRISH JAIN	GCCF Training
1365	CSE	106	Internship	SHRIYANSH SAINI	GCCF
1366	CSE	106	Internship	SHRUTI DHANOPIYA	
1367	CSE	106	Internship	SHUBHAM PANSARI	
1368	CSE	106	Internship	SHUBHAM SHARMA	
1369	CSE	106	Internship	SHWET GARG	GCCF training , NEO campus ambassador
1370	CSE	106	Internship	SIDHARTH SHARMA	
1371	CSE	106	Internship	SUBHAL GUPTA	GCCF Training
1372	CSE	106	Internship	TANISHQ KHANDELWA L	Web development using bootstrap
1373	CSE	106	Internship	TANUJ GAUTAM	
1374	CSE	106	Internship	TARUN SONI	GCCF
1375	CSE	106	Internship	TOSIF KHAN	
1376	CSE	106	Internship	UDIT KUMAR	GCCF Training
1377	CSE	106	Internship	UMANG SINGHAL	
1378	CSE	106	Internship	UMESH SONI	GCCF Training
1379	CSE	106	Internship	UTKARSH DUBEY	GCCF Training , GCR
1380	CSE	106	Internship	ISHIKA SONI	
1381	CSE	106	Internship	AMAN KHANDELWA L	
1382	CSE	106	Internship	DIVYANSHU SINGH	
1383	CSE	106	Internship	VARUN SONI	
1384	CSE	106	Internship	VASU GUPTA	
1385	CSE	106	internship	VIKALP	

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				CHATURVEDI	
1386	CSE	106	Internship	YASH BANSAL	
1387	CSE	106	Internship	YASH GUPTA	
1388	CSE	106	Internship	YASH NAGAR	
1389	CSE	106	Internship	YUGVI PALIWAL	
1390	CSE	106	Internship	AAKASH MALL	
1391	CSE	106	Internship	ANSHITA PARIHAR	
1392	CSE	106	Internship	APEKSHA PANDEY	
1393	CSE	106	Internship	AYUSH JOSHI	
1394	CSE	106	Internship	JATIN JANGIR	
1395	CSE	106	Internship	MITTAL SUTHAR	
1396	CSE	106	Internship	PRADEEP NARANIYA	
1397	CSE	106	Internship	PRATIKSHA SHARMA	
1398	CSE	106	Internship	VIJAY DADHICH	
1399	CSE	106	Internship	AASTHA CHHABRA	Cloud Computing Services
1400	CSE	106	Internship	AAYUSH SHARMA	Cloud Computing Services
1401	CSE	106	Internship	AAYUSHI JAIN	Cloud Computing Services
1402	CSE	106	Internship	AAYUSHI RHEA	Cloud Computing Services
1403	CSE	106	Internship	ADITYA BANSAL	Cloud Computing Services
1404	CSE	106	Internship	ANKIT GOYAL	Cloud Computing Services
1405	CSE	106	Internship	ANURAG	Cloud Computing Services
1406	CSE	106	Internship	ANUSHKA MAHESHWARI	Cloud Computing Services
1407	CSE	106	Internship	APOORVA SONI	
1408	CSE	106	Internship	ARPIT KAUSHIK	Cloud Computing Services
1409	CSE	106	Internship	DEEPAK AGRAWAL	Cloud Computing Services
1410	CSE	106	Internship	DHEERAJ KUMAR JHA	Cloud Computing Services
1411	CSE	106	Internship	DHRUV KUMAR MEENA	Jupyter notebook /ML,AI, Python
1412	CSE	106	internship	DIVYANSHU	Cloud Computing Services

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				GARG	
1413	CSE	106	Internship	GAURAV JANGID	Cloud Computing Services
1414	CSE	106	Internship	GOUTAM SONI	
1415	CSE	106	Internship	HARDIK PUROHIT	
1416	CSE	106	Internship	HARSHIT TIWARI	Cloud Computing Services
1417	CSE	106	Internship	HARSHITA SINGH	Cloud Computing Services
1418	CSE	106	Internship	HARSHVARDH AN SINGH NATHAWAT	Cloud Computing Services
1419	CSE	106	Internship	HITESH SHARMA	Cloud Computing Services
1420	CSE	106	Internship	JANVI TIKKIWAL	
1421	CSE	106	Internship	JAVVAD QAMAR	
1422	CSE	106	Internship	KARTIK JAIN	Cloud Computing Services
1423	CSE	106	Internship	KESHAV PAREEK	
1424	CSE	106	Internship	KHUSHAL JAIN	Cloud Computing Services
1425	CSE	106	Internship	KHUSHAL JANGID	Cloud Computing Services
1426	CSE	106	Internship	KUNAL MEHTA	Cloud Computing Services
1427	CSE	106	Internship	LAKSHYA GAUR	Cloud Computing Services
1428	CSE	106	Internship	LAVESH MODI	Cloud Computing Services
1429	CSE	106	Internship	MANASVI JAIN	
1430	CSE	106	Internship	MILAN SHARMA	
1431	CSE	106	Internship	MOHIT SHARMA	
1432	CSE	106	Internship	NAMAN SANJAY BAGORA	
1433	CSE	106	Internship	NASIR KHAN	
1434	CSE	106	Internship	NAVEEN AGRAWAL	Cloud Computing Services
1435	CSE	106	Internship	PRABHAT ANJANA	Cloud Computing Services
1436	CSE	106	Internship	PRANAY SHARMA	Cloud Computing Services

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1437	CSE	106	Internship	PRIYAL BIYANI	Cloud Computing Services
1438	CSE	106	Internship	PULKIT TIWARI	
1439	CSE	106	Internship	RAHUL SHARMA	Cloud Computing Services
1440	CSE	106	Internship	RAJ SHARMA	Cloud Computing Services
1441	CSE	106	Internship	RITIK JAIN	Cloud Computing Services
1442	CSE	106	Internship	RITISH SINGHAL	
1443	CSE	106	Internship	ROHIT KASUMBIWAL	Cloud Computing Services
1444	CSE	106	Internship	SAAKSHI	Cloud Computing Services
1445	CSE	106	Internship	SACHIN SINGHAL	Cloud Computing Services
1446	CSE	106	Internship	SALONI SHARMA	Cloud Computing Services
1447	CSE	106	Internship	SAMPAN ACHARYA	Cloud Computing Services
1448	CSE	106	Internship	SHANTANU GAUR	Cloud Computing Services
1449	CSE	106	Internship	SHILPI JAIN	Cloud Computing Services
1450	CSE	106	Internship	SHUBHAM SONI	Cloud Computing Services
1451	CSE	106	Internship	SHUBHENDU SHEKHAR	Cloud Computing Services
1452	CSE	106	Internship	SOURABH SONI	Cloud Computing Services
1453	CSE	106	Internship	SWAYAM SINGH SINDAL	Cloud Computing Services
1454	CSE	106	Internship	TITHI MADAAN	Cloud Computing Services
1455	CSE	106	Internship	TUSHAR SHARMA	Cloud Computing Services
1456	CSE	106	Internship	UTSAV RATNAVAT	Cloud Computing Services
1457	CSE	106	Internship	VIDHI AGARWAL	Cloud Computing Services
1458	CSE	106	Internship	VIPIN SHARMA	Cloud Computing Services
1459	CSE	106	Internship	YATEENDRA KUMAR GOYAL	Cloud Computing Services
1460	CSE	106	Internship	YUKTA GOYAL	Cloud Computing Services
1461	CSE	106	Internship	Akash Verma	Cloud Computing Services
1462	CSE	106	Internship	Kushal	Cloud Computing Services

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1463	CSE	106	Internship	Mayank Sharma	Cloud Computing Services
1464	CSE	106	Internship	AASTHA AGARWAL	Machine Learning
1465	CSE	106	Internship	AAYUSHI BAHUKHANDI	Front End Web Development
1466	CSE	106	Internship	ABHISHEK RATHORE	Jenkins
1467	CSE	106	Internship	ADITI BIRLA	Python Development
1468	CSE	106	Internship	ADITYA BIRLA	Python Development
1469	CSE	106	Internship	ADITYA SHARMA	Jenkins
1470	CSE	106	Internship	ADITYA SHARMA	Chatbot development
1471	CSE	106	Internship	ADITYA SONI	Web development
1472	CSE	106	Internship	AKSHITA JAIN	Machine learning
1473	CSE	106	Internship	AMAN CHAURASIA	ML Software Development Intern
1474	CSE	106	Internship	AMAN JAIN	Machine learning
1475	CSE	106	Internship	AMAN SAXENA	Full Stack Development
1476	CSE	106	Internship	AMIT AGARWAL	Robotic Process Automation
1477	CSE	106	Internship	ANKIT KUMAR	front-end-Engineer
1478	CSE	106	Internship	ANUJ JAIN	backend development
1479	CSE	106	Internship	ANUJ KUMAR SINGHAL	Machine Learning
1480	CSE	106	Internship	ANUJ MISHRA	Web development
1481	CSE	106	Internship	ANURAG SHARMA	Machine Learning, Core Java
1482	CSE	106	Internship	ARIN MANGAL	Front-End Developer Intern
1483	CSE	106	Internship	ARPIT JAIN	DevOps and Data engineer
1484	CSE	106	Internship	ARPITA AGARWAL	Full Stack Development
1485	CSE	106	Internship	ARYA KHANDELWAL	Software Development and Automation
1486	CSE	106	Internship	ARYAN KHANDELWAL	machine learning, business development
1487	CSE	106	Internship	ARYAN SHARMA	web development
1488	CSE	106	Internship	ASHISH KOCHAReww	Machine Learning
1489	CSE	106	internship	ASHISH	Front End Web

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				MAHESHWARI	Development
1490	CSE	106	Internship	ASIF KHAN	Machine Learning
1491	CSE	106	Internship	ATUL SISODIYA	Technical Content Writer
1492	CSE	106	Internship	AVINASH SONI	MERN Stack
1493	CSE	106	Internship	AYUSH JAIN	Machine Learning with Data Science
1494	CSE	106	Internship	AYUSHI SINGHAL	React development
1495	CSE	106	Internship	BHANESH KUMAR PALLIWAL	Full Stack Development (MERN)
1496	CSE	106	Internship	BHAVIKA JAIN	Web Development
1497	CSE	106	Internship	BHAVIKA MITTAL	Machine Learning
1498	CSE	106	Internship	BHUMIKA JAIN	Web Development
1499	CSE	106	Internship	CHIRAG ASAWA	
1500	CSE	106	Internship	DANNY GUPTA	Mern Stack
1501	CSE	106	Internship	DEEPAK ARORA	Machine Learning
1502	CSE	106	Internship	DEEPANKAR RAJ	FRONT-END DEGIN
1503	CSE	106	Internship	DEEPANSH GUPTA	DevOps
1504	CSE	106	Internship	DEEPESH KUMAR DHAKER	Foundations of AI
1505	CSE	106	Internship	DEV KUMAR SHARMA	Python Programming
1506	CSE	106	Internship	DHARMVATS AL SINGH CHOUHAN	Full Stack Development
1507	CSE	106	Internship	DHURV LADDHA	Dta science, and analysis
1508	CSE	106	Internship	DISHA JAIN	Machine Learning with Data Science
1509	CSE	106	Internship	DIVYANSH KUMAR JANGIR	Front End Web Development
1510	CSE	106	Internship	FARHAN ALI	Python Programming
1511	CSE	106	Internship	GARVIT KHANDELWA L	Full Stack Development

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1512	CSE	106	Internship	GARVIT MALPANI	Machine Learning
1513	CSE	106	Internship	GAURAV SAHU	Machine Learning
1514	CSE	106	Internship	GAURAV SINGH SHEKHAWAT	Automation with Ansible – Devops
1515	CSE	106	Internship	GIRISH YADAV	Automation with Ansible – Devops
1516	CSE	106	Internship	HAPPY KHANDELWAL	Cyber Security
1517	CSE	106	Internship	HARASIS SINGH	MLOPS
1518	CSE	106	Internship	HARSH VARDHAN	React Web Development
1519	CSE	106	Internship	HARSH VERMA	Django development
1520	CSE	106	Internship	HARSHIT SHARMA	Jenkins
1521	CSE	106	Internship	HARSHITA AGARWAL	Python for Data Science and Machine Learning Bootcamp
1522	CSE	106	Internship	HERIT SHAH	machine learning
1523	CSE	106	Internship	HIMANSHI KABRA	Kubernetes
1524	CSE	106	Internship	HIMANSHU GUPTA	web development
1525	CSE	106	Internship	HIMANSHU KUMAR SINGH	
1526	CSE	106	Internship	HITEN SAMBHWANI	Front end developer
1527	CSE	106	Internship	INDRAJEET SINGH SHEKHAWAT	Blockchain
1528	CSE	106	Internship	ISHA SHARMA	Artificial intelligence
1529	CSE	106	Internship	HARSHITA CHAUDHARY	Data analytics
1530	CSE	106	Internship	ISHAN KAPOOR	RHCSA8
1531	CSE	106	Internship	ISHITA JAIN	Full Stack Web Development Program
1532	CSE	106	Internship	ISHITA TIWARI	Full Stack Web Development
1533	CSE	106	Internship	JALESH KHATRI	Full Stack Web Development
1534	CSE	106	internship	JAYANA	Machine learning

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				SOLANKI	
1535	CSE	106	Internship	JYOTI AGARWAL	Cyberops Infosec Specialist
1536	CSE	106	Internship	JYOTI SINGHAL	Full Stack Web Development
1537	CSE	106	Internship	KANCHAN JESWANI	Web development with Django
1538	CSE	106	Internship	KANISHK PARTH YADAV	Python
1539	CSE	106	Internship	KAPIL GARG	React JS intern
1540	CSE	106	Internship	KARTIK JOSHI	web development
1541	CSE	106	Internship	KHUSHI SINGHAL	Django
1542	CSE	106	Internship	KRATI MITRA	Machine Learning
1543	CSE	106	Internship	KRATIK KHANDELWAL	Flutter with Dart
1544	CSE	106	Internship	KRISH MANTRI	web development
1545	CSE	106	Internship	KUNIKA MATOLIYA	Machine learning with python
1546	CSE	106	Internship	LAKSHYA SHARMA	core java
1547	CSE	106	Internship	LOKESH MUNDRA	data science & Business Analytics
1548	CSE	106	Internship	MAITRI BANSAL	Machine Learning with data science
1549	CSE	106	Internship	MANAN SHARMA	Full Stack Web Development
1550	CSE	106	Internship	MANIK GUPTA	Full Stack Web Development
1551	CSE	106	Internship	MEENAL AGARWAL	core java
1552	CSE	106	Internship	MEERA AGRAWAL	Machine Learning
1553	CSE	106	Internship	MEHUL JAIN	Machine Learning
1554	CSE	106	Internship	MOHAMMAD AASIF MALIK	Ethical Hacking
1555	CSE	106	Internship	MOHIT SHARMA	Machine Learning with python
1556	CSE	106	Internship	MUDIT AGRAWAL	Machine Learning
1557	CSE	106	Internship	MUKUND MALOO	machine kearning using python
1558	CSE	106	Internship	MUSKAN BHALAWAT	digital marketing
1559	CSE	106	internship	MUSKAN	Core Java

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				MAHESHWARI	
1560	CSE	106	Internship	NALIN GOYAL	HTML , CSS , Bootstrap
1561	CSE	106	Internship	NAMAN JAIN	Machine Learning
1562	CSE	106	Internship	NAMAN JOSHI	data science
1563	CSE	106	Internship	NANDINI SINGH	Data analytics
1564	CSE	106	Internship	NAVEEN SINGHAL	Python
1565	CSE	106	Internship	NEHA PRAJAPATI	Deep Learning
1566	CSE	106	Internship	NIKHIL GARG	Machine Learning
1567	CSE	106	Internship	NIKHIL GUPTA	Machine Learning
1568	CSE	106	Internship	NISHKARSH SHARMA	3D modeling and animation
1569	CSE	106	Internship	NISHTHA GARG	Web Development
1570	CSE	106	Internship	NITIN KHANDELWAL	Data Analytics
1571	CSE	106	Internship	NITIN KUMAR SAHU	web development
1572	CSE	106	Internship	NITIN MATHUR	ui ux design
1573	CSE	106	Internship	NUPUR SOGANI	Data Analytics
1574	CSE	106	Internship	PANKAJ SAINI	Machine Learning
1575	CSE	106	Internship	PAWAN KR BALDEWA	Data analytics
1576	CSE	106	Internship	POORVI AGARWAL	Python
1577	CSE	106	Internship	PRACHEER KHANDELWAL	React.js
1578	CSE	106	Internship	PRACHI MUTHA	Front end developer
1579	CSE	106	Internship	PRASHANT MALAV	web development
1580	CSE	106	Internship	PRIYANSHU KUMAR	Front end engineer
1581	CSE	106	Internship	PULKIT AGARWAL	Python
1582	CSE	106	Internship	PUNEET BHARGAVA	machine learning with data science
1583	CSE	106	Internship	PUNISH AGARWAL	UI Design and Development
1584	CSE	106	internship	PUSHPENDRA SINGH	machine learning with DS

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				GURJAR	
1585	CSE	106	Internship	RADHIKA KANSAL	artificial intelligence
1586	CSE	106	Internship	RAHUL JAIN	Kubernetes
1587	CSE	106	Internship	RAHUL MUNDRA	machine learning
1588	CSE	106	Internship	RAHUL SOLANKI	Machine learning
1589	CSE	106	Internship	RAJAT BANSAL	machine learning
1590	CSE	106	Internship	RAJAT PANDEY	Android Development
1591	CSE	106	Internship	RAJAT PATHAK	Full Stack Web Development
1592	CSE	106	Internship	RAUNAK KUMAR	web development
1593	CSE	106	Internship	RISHABH AGRAWAL	Machine Learning
1594	CSE	106	Internship	RIDDHI JAIN	flutter intern
1595	CSE	106	Internship	RISHABH JAIN	Web Developer
1596	CSE	106	Internship	RITIKA AGARWAL	Core Java
1597	CSE	106	Internship	RIYA DHAKED	Web Development
1598	CSE	106	Internship	RIYA KHANDELWAL	Machine Learning
1599	CSE	106	Internship	ROHAN DHAR	Node Js
1600	CSE	106	Internship	ROHIT JOSEPH	Machine Learning
1601	CSE	106	Internship	RONAK JAIN	Machine Learning
1602	CSE	106	Internship	SAHIL KHAN	Digital Marketing
1603	CSE	106	Internship	SAKSHYA GARG	Machine Learning
1604	CSE	106	Internship	SAMRIDHI JAIN	Machine Learning
1605	CSE	106	Internship	SAMYAK JAIN	Programming with Python
1606	CSE	106	Internship	SANDEEP SHARMA	
1607	CSE	106	Internship	SANYAM JAIN	Machine Learning
1608	CSE	106	Internship	SARTHAK BAGHERWAL	Machine Learning
1609	CSE	106	Internship	SARTHAK JAIN	Data Science Intern
1610	CSE	106	Internship	SHALU JANGID	cloud computing
1611	CSE	106	Internship	SHASHWAT JAIN	Machine Learning
1612	CSE	106	internship	SHEEZAN	

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				AHMAD WANI	
1613	CSE	106	Internship	SHOAIB KHAN	Digital Marketing
1614	CSE	106	Internship	SHOAIB KHAN	React Development
1615	CSE	106	Internship	SHREYA JAIN	Machine Learning
1616	CSE	106	Internship	SHRUTI AGARWAL	Machine learning
1617	CSE	106	Internship	SHRUTI JAIN	Machine learning
1618	CSE	106	Internship	SHUBH GUPTA	machine learning
1619	CSE	106	Internship	SHUBHAM AGARWAL	Advance Java
1620	CSE	106	Internship	SHUBHAM BHARGAVA	data engineering over cloud
1621	CSE	106	Internship	SHUBHAM GUPTA	Terraform and Cloud
1622	CSE	106	Internship	SHUBHAM JAIN	backend and data engineering
1623	CSE	106	Internship	SIDDHARTH LODHA	RHCSA8 with Python 3
1624	CSE	106	Internship	SONU KUMAR JHA	Node js
1625	CSE	106	Internship	SUMIT NITHARWAL	
1626	CSE	106	Internship	SURAJ BANSAL	Natural Language Processing
1627	CSE	106	Internship	TANISHA AGRAWAL	c & c++ Programming
1628	CSE	106	Internship	TANISHQ GUPTA	front end
1629	CSE	106	Internship	TANMAY SHARMA	Flutter Developer Intern
1630	CSE	106	Internship	TILAK VIJAYVARGIY A	creating multi task model with keras
1631	CSE	106	Internship	TUSHAR JAIN	machine learning
1632	CSE	106	Internship	TUSHAR SHARMA	Machine Learning and AI
1633	CSE	106	Internship	VAIBHAV AGARWAL	Machine Learning
1634	CSE	106	Internship	VAIBHAV JAIN	data engineering over cloud computing with devops
1635	CSE	106	Internship	VAIBHAV MATHUR	Introduction to cloud
1636	CSE	106	Internship	VAIBHAV SHARMA	Java Bootcamp with Spring
1637	CSE	106	Internship	VANSH KALRA	
1638	CSE	106	internship	VARSHA	Data Analytics- IBM

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				KESNANI	Bootcamp
1639	CSE	106	Internship	VARTIKA AGRAWAL	react development
1640	CSE	106	Internship	VILSI JAIN	
1641	CSE	106	Internship	VINAY SARAF	data engineering over cloud computing with devops
1642	CSE	106	Internship	VINAY SHARMA	
1643	CSE	106	Internship	VIPUL GOYAL	full stack development
1644	CSE	106	Internship	VISHAL KUMAR	Multi Hybrid Cloud
1645	CSE	106	Internship	YASH PAREEK	
1646	CSE	106	Internship	YASH SHARMA	Machine Learning
1647	CSE	106	Internship	YASH TANDON	data engineering
1648	CSE	106	Internship	YASHIKA KHANDELWAL	
1649	CSE	106	Internship	ISHIKA NAGAR	SEO Internship
1650	CSE	106	Internship	MANISH KUMAR	data engineering over cloud computing with devops
1651	CSE	106	Internship	AANCHAL BANSAL	Python Programming
1652	CSE	106	Internship	VINIT JAIN	Machine Learning
1653	CSE	106	Internship	MRIDUL MITTAL	Machine Learning
1654	CSE	106	Internship	PAVINI GARG	Machine Learning
1655	CSE	106	Internship	ADITYA BHARDWAJ	Machine learning
1656	CSE	106	Internship	ASHUTOSH BHATNAGAR	
1657	CSE	106	Internship	DAKSH JANGID	Cloud Engineering & Devops
1658	CSE	106	Internship	LAKSHITA SHARMA	Machine Learning
1659	CSE	106	Internship	NISCHAY KUMAR JAIN	Artificial Intelligence
1660	CSE	106	Internship	AARZOO SALUJA	Machine learning
1661	CSE	106	Internship	AAYUSH TIWARI	Machine Learning
1662	CSE	106	Internship	ABHISHEK DUDHANI	web development
1663	CSE	106	internship	ABHISHEK	Full Stack Web

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				SAHU	Development
1664	CSE	106	Internship	AGAM JAIN	Web Development
1665	CSE	106	Internship	AKASH SINGH	Web Development
1666	CSE	106	Internship	AKSHAT KHANDELWA L	Ecommerce Store Review Text Classification
1667	CSE	106	Internship	AMIT AGARWAL	Web Development
1668	CSE	106	Internship	AMIT GUPTA	Funnel Developer & Automations
1669	CSE	106	Internship	ANANY GARG	Data Analytics - Power BI
1670	CSE	106	Internship	ANKIT SINGHAL	Machine learning
1671	CSE	106	Internship	ANMOL RANJAN	Machine learning
1672	CSE	106	Internship	ANSHUL SINGH SISODIA	Data Engineering over cloud / User Experience
1673	CSE	106	Internship	ANUJ KHANDELWA L	Android App Development
1674	CSE	106	Internship	ARNAV NAGAYECH	MLOps
1675	CSE	106	Internship	ASHUTOSH VYAS	
1676	CSE	106	Internship	ATUL SINGH YADAV	Machine Learning
1677	CSE	106	Internship	AVINASH SHRANGEE	data structure and algo
1678	CSE	106	Internship	CHARCHIT NIRAYANWAL	
1679	CSE	106	Internship	CHARIL AMBEY SAINI	
1680	CSE	106	Internship	CHIRAG NAGAR	machine learning
1681	CSE	106	Internship	DEVENDRA SHARMA	machine learning
1682	CSE	106	Internship	ISHWAR SINGH SHEKHAWAT	web design
1683	CSE	106	Internship	JAYDEEP PAREEK	Android app development
1684	CSE	106	Internship	KANIKA KUMAWAT	Ethical Hacking
1685	CSE	106	Internship	KARAN KHANDELWA L	Web Development
1686	CSE	106	internship	KARTIK	Machine Learning

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				BHATIA	
1687	CSE	106	Internship	KRITIK YADAV	
1688	CSE	106	Internship	MANAN GUPTA	Web Development
1689	CSE	106	Internship	MANTHAN GOUR	Full-Stack Development
1690	CSE	106	Internship	MAYANK SHARMA	Web Development
1691	CSE	106	Internship	MEHUL KULSHRESTH A	Machine Learning and Data Science
1692	CSE	106	Internship	NISHTHA MAHESHWARI	React
1693	CSE	106	Internship	NITISH SONI	Web Development
1694	CSE	106	Internship	PARAG DUTT SHARMA	
1695	CSE	106	Internship	PARTH SHARMA	Mlops
1696	CSE	106	Internship	PRABHDEEP SINGH	machine learning
1697	CSE	106	Internship	PRAGYA VITTHAL	basic python
1698	CSE	106	Internship	PRATHAM PAREEK	web development
1699	CSE	106	Internship	PRYAS JAIN	Machine learning with Techinest Pvt. Ltd.
1700	CSE	106	Internship	PUNEET GOYAL	Machine Learning with Data Science
1701	CSE	106	Internship	RAVI JANGID	machine learning with data science
1702	CSE	106	Internship	RITIK CHOPRA	web development
1703	CSE	106	Internship	RITIK SALUJA	web development
1704	CSE	106	Internship	ROUNAK GARG	
1705	CSE	106	Internship	SANCHIT GUPTA	Front-end web developer
1706	CSE	106	Internship	SARANSH PAREEK	Data Science
1707	CSE	106	Internship	SHIVANSH DEEDWANIYA	Machine Learning
1708	CSE	106	Internship	SHUBHAM BHARDWAJ	Automation with Ansible: Devops
1709	CSE	106	Internship	SHYAM SUNDER GARG	python

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1710	CSE	106	Internship	SIDDHARTH KAVADIA	Machine Learning with Data Science
1711	CSE	106	Internship	SIDDHARTH SINGHVI	Machine learning
1712	CSE	106	Internship	SPARSH KHANDELWAL	Software developer-intern
1713	CSE	106	Internship	TAMANNA MAHNOT	Machine learning with techinest pvt. Ltd.
1714	CSE	106	Internship	VEDANSH MATOLIYA	Machine Learning with Data Science
1715	CSE	106	Internship	YASH LATH	Front-end web developer
1716	CSE	106	Internship	YASH SHARMA	Ethical Hacking
1717	EE	107	Internship	Aarif Khan Pathan	Embedded systems
1718	EE	107	Internship	Abhishek Pahadiya	Embedded systems and IoT
1719	EE	107	Internship	Abhishek Raghav	Embedded System and IOT
1720	EE	107	Internship	Abhishek Sharma	Embedded systems and IoT
1721	EE	107	Internship	Abhishek Shukla	Embedded system
1722	EE	107	Internship	Akshat sankhla	Embedded system
1723	EE	107	Internship	AMAN KUMAR TRIVEDI	EMBEDDED SYSTEM AND IOT
1724	EE	107	Internship	Aman Meena	Embedded systems
1725	EE	107	Internship	Aman Yogi	Embedded System & IoT
1726	EE	107	Internship	AMIT KUMAR	EMBEDDED SYSTEM AND IOT
1727	EE	107	Internship	Amrendra kumar	Embedded systems and IOT
1728	EE	107	Internship	Ankit Soni	Embedded system and IoT
1729	EE	107	Internship	Ankita Chauhan	Embedded system and IoT
1730	EE	107	Internship	Anurag Goyal	Embedded Systems and IoT
1731	EE	107	Internship	Arpit Sharma	Basics of Ethical hacking
1732	EE	107	Internship	Ashish Gupta	Embedded system and IOT
1733	EE	107	Internship	Ashish Suman	Embedded and iot
1734	EE	107	Internship	Chinmay Kerwal	Ethical hacking
1735	EE	107	Internship	Chinmay Kerwal	Ethical hacking
1736	EE	107	Internship	Chirag poriwar	Embedded systems
1737	EE	107	Internship	Chirag poriwar	Embedded systems and IOT

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1738	EE	107	Internship	Deepanshu Agarwal	Coding
1739	EE	107	Internship	Deependra singh Rajawat	Embedded systems
1740	EE	107	Internship	Deepesh Kumar Koli	Embedded systems
1741	EE	107	Internship	Divyanshu sharma	Python
1742	EE	107	Internship	Divyanshu sharma	Python
1743	EE	107	Internship	Divyanshu sharma	Python
1744	EE	107	Internship	Diya Porwal	MATLAB
1745	EE	107	Internship	Diya Porwal	Cybersecurity and Matlab
1746	EE	107	Internship	Gaurav Shakya	Embedded System and IoT
1747	EE	107	Internship	Gaurav Singh	Embedded System and IoT
1748	EE	107	Internship	Harsh bhadauriya	Python
1749	EE	107	Internship	Harshit Agarwal	Python Programming
1750	EE	107	Internship	Harshit Agarwal	Python
1751	EE	107	Internship	Himanshu khandelwal	Embedded system and iot
1752	EE	107	Internship	Himanshu sharma	Python
1753	EE	107	Internship	Ishita Gupta	Matlab
1754	EE	107	Internship	Ishita Gupta	Coding
1755	EE	107	Internship	Jaswant mahawar	Embedded System and IoT
1756	EE	107	Internship	Kuldeep pareta	Embedded System and IoT
1757	EE	107	Internship	Kunal mittal	Transformer
1758	EE	107	Internship	Kunal Sharma	Embedded System & IoT
1759	EE	107	Internship	Kushal Kanungo	Embedded Systems and IOT
1760	EE	107	Internship	Lakhan sharma	Embedded system and IOT
1761	EE	107	Internship	Lakhan sharma	Embedded system and IOT
1762	EE	107	Internship	Madan Mohan Pathak	Embedded System and IOT
1763	EE	107	Internship	Mahendra kumar	Embedded system
1764	EE	107	Internship	Mahi Tak	Embedded system and IOT
1765	EE	107	Internship	Manan sharma	Kota
1766	EE	107	Internship	Manan Sharma	Jaipur

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1767	EE	107	Internship	Marut Sharma	Grid sub station
1768	EE	107	Internship	Milan Pareta	Embedded System and IoT
1769	EE	107	Internship	Milan Pareta	Embedded system and IoT
1770	EE	107	Internship	Mohit sharma	Social media marketing
1771	EE	107	Internship	Mohit sharma	Social media marketing intern
1772	EE	107	Internship	Mohit sharma	Brand associatie intern
1773	EE	107	Internship	Mohit sharma	Social media Marketing
1774	EE	107	Internship	Monik Kumar Jain	Embedded systems
1775	EE	107	Internship	Nikhil Sharma	Embedded system
1776	EE	107	Internship	Nishant Gautam	Googel
1777	EE	107	Internship	Nitin Kumawat	Embedded System and IoT
1778	EE	107	Internship	Pareekshit Singh Khangarot	Embedded System and IoT
1779	EE	107	Internship	Parul Yadav	Embedded System and IoT
1780	EE	107	Internship	Pawan Kumar dhabhai	Embedded system and iot
1781	EE	107	Internship	Payal Chouhan	Embedded Systems and IOT
1782	EE	107	Internship	Pranjul sharma	Embedded system and iot
1783	EE	107	Internship	PRATEEK SONI	Angular Coding Internship
1784	EE	107	Internship	Prateek Soni	Web development
1785	EE	107	Internship	Priyanka Bhati	Embedded System and IOT
1786	EE	107	Internship	Priyansh Saini	Data Analysis with Python
1787	EE	107	Internship	Priyansh Saini	Data Analysis
1788	EE	107	Internship	RACHIT KARAD	Embedded system and IoT
1789	EE	107	Internship	Rahul kumar meena	IOT
1790	EE	107	Internship	Rahul Kumar Meena	Internet of things (IOT)
1791	EE	107	Internship	Rajveer Singh	Machine Learning
1792	EE	107	Internship	Ravi Kumar swami	Embedded system & IOT
1793	EE	107	Internship	Ravi meena	Internet of things
1794	EE	107	Internship	Ravi Meena	IOT
1795	EE	107	Internship	Rishi Kumar Pareek	Angular Coding Internship
1796	EE	107	Internship	Rishi kumar pareek	Web development

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1797	EE	107	Internship	Ronak Sharma	Embedded system and IOT (UPFLAIRS)
1798	EE	107	Internship	Sameeksha gunee	IOT
1799	EE	107	Internship	Sanjay kaswan	Embedded system and iot
1800	EE	107	Internship	Sanjay Kumar Bairwa	IOT
1801	EE	107	Internship	Sarthak Joshi	Embedded Systems
1802	EE	107	Internship	Shalini Fatehpuriya	Embedded System
1803	EE	107	Internship	Sudhanshu Choursiya	Jaipur
1804	EE	107	Internship	Sudhanshu Choursiya	Jaipur
1805	EE	107	Internship	Sumit Barolia	Embedded systems in JECRC campus
1806	EE	107	Internship	Surbhit khandelwal	Cloud computing
1807	EE	107	Internship	Tanuj Rawat	Digital marketing
1808	EE	107	Internship	Tanuj Rawat	Google digital marketing
1809	EE	107	Internship	Tanuj Rawat	Google digital unlocked
1810	EE	107	Internship	vivek shyara	google cloud computing fundamentals , iot introduction
1811	EE	107	Internship	vivek shyara	Google Cloud Computing Foundations
1812	EE	107	Internship	Vyom Pundhir	Embedded Systems
1813	EE	107	Internship	Yashvant Jangid	Embedded system
1814	EE	107	Internship	YUKTI CHOUDHARY	COLLEGE CAMPUS , JAIPUR RAILWAY STATION
1815	EE	107	Internship	Yuvraj singh gour	Embedded systems
1816	EE	107	Internship	Akash jain	Robotics
1817	EE	107	Internship	Akshay Choudhary	Python programming
1818	EE	107	Internship	Aman Shrivastava	AutoCAD Electrical
1819	EE	107	Internship	Anish jain	IOT
1820	EE	107	Internship	Anshuman Sharma	Internet of things
1821	EE	107	Internship	Anurag Bohara	Automobile manufacturer and repair works
1822	EE	107	Internship	Anushka Dubey	IOT
1823	EE	107	Internship	Arjun Sharma	Python Programming
1824	EE	107	internship	Arpan Nyati	Introduction to Git and

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					Github
1825	EE	107	Internship	Arpit Jain	Internet of Things
1826	EE	107	Internship	Ashwin sharma	Python for data science & Ai
1827	EE	107	Internship	Ayush Aswal	IOT
1828	EE	107	Internship	Bhanu swarnkar	Internet of things
1829	EE	107	Internship	BHUPESH Goyal	IoT
1830	EE	107	Internship	Chirag Sharma	IOT& Embedded system upflairs
1831	EE	107	Internship	Dipendra chhaba	Solar plant installation
1832	EE	107	Internship	Gaurang Pareek	Raspberry pi
1833	EE	107	Internship	Gautam Kumar	Internet of Things
1834	EE	107	Internship	Gourav Sharma	IOT
1835	EE	107	Internship	Govinda jadam	Python programming language
1836	EE	107	Internship	Harshit Jain	IOT
1837	EE	107	Internship	Harshit Tiwari	Enabling Technologies For Electrical Transportation
1838	EE	107	Internship	Himanshu sen	IOT
1839	EE	107	Internship	Jaideep Gurjar	Internet of things
1840	EE	107	Internship	Jaswant Singh	Solar Training
1841	EE	107	Internship	Jawwad Habib	Ductile Iron Pipe Insulation
1842	EE	107	Internship	Kapil Goyal	IOT
1843	EE	107	Internship	Kapil kumawat	Autocad electrical
1844	EE	107	Internship	Kartik Yadav	Raspberry Pi with IOT
1845	EE	107	Internship	Kartik keya Suwalka	Internet of Things
1846	EE	107	Internship	Khagesh Kumar Gaur	Internet of things
1847	EE	107	Internship	Kishan Kumar Meena	IOT
1848	EE	107	Internship	Mahir ali	Machine learning and deep learning using python
1849	EE	107	Internship	Manan Jain	Python Programming
1850	EE	107	Internship	Manish godara	IoT and ML
1851	EE	107	Internship	Manish jain	Electric power system
1852	EE	107	Internship	Manish kumawat	Seldom
1853	EE	107	Internship	MANOJ VAISHNAV	INTERNET OF THINGS (IOT)
1854	EE	107	Internship	Mehul Kumawat	Python ML
1855	EE	107	Internship	Milind Kumar	Python Programming

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1856	EE	107	Internship	Mohit soni	Python programming
1857	EE	107	Internship	Muhammad shavez khan	Internet of thing
1858	EE	107	Internship	Naman Khandelwal	Python Programming
1859	EE	107	Internship	Nidant sharma	Python Programming
1860	EE	107	Internship	Parul Dhayal	Internet of things
1861	EE	107	Internship	Piyush Gupta	Internet of things
1862	EE	107	Internship	PIYUSH SONI	IOT
1863	EE	107	Internship	Praduman Singh Rajwat	Solar Power Plant Overview
1864	EE	107	Internship	Preksha agrawal	Python
1865	EE	107	Internship	Priyanka Yadav	Python programming
1866	EE	107	Internship	Raghav Bhardwaj	Iot
1867	EE	107	Internship	Raghvendra Singh Shekhawat	Internet of things
1868	EE	107	Internship	Rahul bairwa	Iot
1869	EE	107	Internship	Rajat Sharma	Python
1870	EE	107	Internship	Rajesh Kumar	Python programming
1871	EE	107	Internship	Rakshit Purohit	Python Programming
1872	EE	107	Internship	Ravi choudhary	Machine learning with python
1873	EE	107	Internship	Ravi Kumar Yadav	Python Programming
1874	EE	107	Internship	Saurabh Agrawal	Internet of thing
1875	EE	107	Internship	Shashank sharma	Enabling technology for Electrical transportation
1876	EE	107	Internship	Shivang sharma	Phython
1877	EE	107	Internship	Shubham Jayant	Python Programming
1878	EE	107	Internship	Shubham Mittal	Python programming
1879	EE	107	Internship	Tanishk Choudhary	Internet Of Things
1880	EE	107	Internship	Tushar Choudhary	Python programming
1881	EE	107	Internship	Tushar Hemnani	Internet of Things
1882	EE	107	Internship	Vaibhav Jhajharia	Web Development
1883	EE	107	Internship	Vaibhav Jhajharia	Web development
1884	EE	107	Internship	Vibha Yadav	Python Programming
1885	EE	107	Internship	Vishesh agarwal	Python programming
1886	EE	107	Internship	Vishvesh Sharma	Machine learning
1887	EE	107	Internship	Yash Panwar	Python for Data Science

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1888	EE	107	Internship	YUVRAJ SINGH SHAKTAWAT	Python programming
1889	EE	107	Internship	Aaditya Nagar	ARDINO+IOT & PYTHON
1890	EE	107	Internship	AbhishekBairwa	ARDINO+IOT & PYTHON
1891	EE	107	Internship	Abhishekgoyal	Solar PV , PLC & SCADA
1892	EE	107	Internship	AbhishekGoyal	ARDINO+IOT & PYTHON
1893	EE	107	Internship	Abhishek Kumar	ARDINO+IOT & PYTHON
1894	EE	107	Internship	Aditya Kumar Mishra	ARDINO+IOT & PYTHON
1895	EE	107	Internship	Akshatbhardwaj	Solar PV , PLC & SCADA
1896	EE	107	Internship	AniketKumawat	ARDINO+IOT & PYTHON
1897	EE	107	Internship	Arunchandra	Solar PV , PLC & SCADA
1898	EE	107	Internship	Aryan jangid	ARDINO+IOT & PYTHON
1899	EE	107	Internship	Aryan Jharwal	ARDINO+IOT & PYTHON
1900	EE	107	Internship	Ayush Jain	ARDINO+IOT & PYTHON
1901	EE	107	Internship	Ayush Singh	ARDINO+IOT & PYTHON
1902	EE	107	Internship	Chandrabhan Singh	ARDINO+IOT & PYTHON
1903	EE	107	Internship	Chitranshsharma	Solar PV , PLC & SCADA
1904	EE	107	Internship	Dinesh Suwalkya	Solar PV , PLC & SCADA
1905	EE	107	Internship	Dishank Mehta	Solar PV , PLC & SCADA
1906	EE	107	Internship	DivyamDwivedi	ARDINO+IOT & PYTHON
1907	EE	107	Internship	Drashti Vijay	ARDINO+IOT & PYTHON
1908	EE	107	Internship	Gaurav Jindal	Solar PV , PLC & SCADA
1909	EE	107	Internship	GouravMehra	ARDINO+IOT & PYTHON
1910	EE	107	Internship	Harsh Vardhansaini	ARDINO+IOT & PYTHON
1911	EE	107	internship	IshaPachori	ARDINO+IOT &

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					PYTHON
1912	EE	107	Internship	jatingarg	Solar PV , PLC & SCADA
1913	EE	107	Internship	Jitender Singh Yadav	Solar PV , PLC & SCADA
1914	EE	107	Internship	JyotiKaushik	ARDINO+IOT & PYTHON
1915	EE	107	Internship	KirtiNama	ARDINO+IOT & PYTHON
1916	EE	107	Internship	Kirti Singh	ARDINO+IOT & PYTHON
1917	EE	107	Internship	Lakshita Sharma	ARDINO+IOT & PYTHON
1918	EE	107	Internship	Laveshgarg	ARDINO+IOT & PYTHON
1919	EE	107	Internship	Lokeshkumar	Solar PV , PLC & SCADA
1920	EE	107	Internship	Nitishjain	ARDINO+IOT & PYTHON
1921	EE	107	Internship	Payal	ARDINO+IOT & PYTHON
1922	EE	107	Internship	Piyushkumawat	Solar PV , PLC & SCADA
1923	EE	107	Internship	PrachiMalhotra	ARDINO+IOT & PYTHON
1924	EE	107	Internship	PriyalMathur	Solar PV , PLC & SCADA
1925	EE	107	Internship	PriyankaHarchan dani	Solar PV , PLC & SCADA
1926	EE	107	Internship	Priyanshikhandel wal	Solar PV , PLC & SCADA
1927	EE	107	Internship	PriyulAgrawal	Solar PV , PLC & SCADA
1928	EE	107	Internship	RohitPrajapati	ARDINO+IOT & PYTHON
1929	EE	107	Internship	SachinMeghwan shi	ARDINO+IOT & PYTHON
1930	EE	107	Internship	SakshiSarotiya	Solar PV , PLC & SCADA
1931	EE	107	Internship	Sanjay Nitharwal	Solar PV , PLC & SCADA
1932	EE	107	Internship	Sanskriti Mittal	Solar PV , PLC & SCADA
1933	EE	107	Internship	SAPNA MEENA	Solar PV , PLC & SCADA
1934	EE	107	Internship	Shashankjain	Solar PV , PLC & SCADA
1935	EE	107	internship	ShivdayalDhakar	Solar PV , PLC &

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					SCADA
1936	EE	107	Internship	ShubhamSaxena	ARDINO+IOT & PYTHON
1937	EE	107	Internship	Siddharthjain	Solar PV , PLC & SCADA
1938	EE	107	Internship	SumitHanda	ARDINO+IOT & PYTHON
1939	EE	107	Internship	Sunny Salvi	Solar PV , PLC & SCADA
1940	EE	107	Internship	Tanushreebharad waj	Solar PV , PLC & SCADA
1941	EE	107	Internship	Tejpal Singh Rathore	Solar PV , PLC & SCADA
1942	EE	107	Internship	UtkarshGujral	Solar PV , PLC & SCADA
1943	EE	107	Internship	UtkarshMathur	Solar PV , PLC & SCADA
1944	EE	107	Internship	Varun Sharma	Solar PV , PLC & SCADA
1945	EE	107	Internship	Vikashchoudhar y	Solar PV , PLC & SCADA
1946	EE	107	Internship	Vishal Didwaniya	Solar PV , PLC & SCADA
1947	EE	107	Internship	Visheshjha	Solar PV , PLC & SCADA
1948	EE	107	Internship	VivekkumarNag da	Solar PV , PLC & SCADA
1949	EE	107	Internship	YuvrajDeovansh i	ARDINO+IOT & PYTHON
1950	EE	107	Internship	Yuvraj Singh	Solar PV , PLC & SCADA
1951	ECE	109	Internship	Abhinav Dadhich	Integrating ML with DevOps
1952	ECE	109	Internship	Abhinav Sharma	data analysis
1953	ECE	109	Internship	Abhishek Dave	Machine Learning with Data Science
1954	ECE	109	Internship	Abhishek Jain	Artificial Intelligence
1955	ECE	109	Internship	Akash Arora	Machine learning with data science
1956	ECE	109	Internship	Akshat Sharma	Web development
1957	ECE	109	Internship	Akshat Todi	Deep learning
1958	ECE	109	Internship	Aman Jain	Python and SQL
1959	ECE	109	Internship	Aman Jain	Cloud Computing
1960	ECE	109	Internship	Aman Kumar Jangir	machine learning with data science
1961	ECE	109	Internship	Amit Kumar Chhipa	Django

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1962	ECE	109	Internship	Amit Kumar Chhipa	Web Development
1963	ECE	109	Internship	Anchal madnani	Machine learning
1964	ECE	109	Internship	Anjali	Data Science
1965	ECE	109	Internship	Ankit kumar sharma	Machine learning
1966	ECE	109	Internship	Arjita Mathur	Data engineering over cloud with DevOps automation
1967	ECE	109	Internship	Arpit Jain	Machine Learning with data science
1968	ECE	109	Internship	Arushi Jain	Web development
1969	ECE	109	Internship	Aryan Jain	Flutter Framework
1970	ECE	109	Internship	Ashish Jain	IT, Data Engineering
1971	ECE	109	Internship	ASHISH JANGID	Web Development (HTML, CSS, Bootstrap, SQL & PHP), Data Structure
1972	ECE	109	Internship	Ashish Mangal	Artificial Intelligence
1973	ECE	109	Internship	ASHISH RAJ	AI
1974	ECE	109	Internship	Ashish Yadav	Embedded Systems and IOT
1975	ECE	109	Internship	Ashok Singh Gurjar	Machine Learning with Data Science
1976	ECE	109	Internship	Ashutosh Kaushik	MLOps
1977	ECE	109	Internship	Ashya Jain	Techinest
1978	ECE	109	Internship	Astha goyal	Machine learning
1979	ECE	109	Internship	Atul Kumar Agrawal	Industrial training
1980	ECE	109	Internship	Ayush Kumar	Machine Learning with Data Science
1981	ECE	109	Internship	ayush sharma	web development
1982	ECE	109	Internship	Ayushi Prajapati	Python/ Artificial Intelligence
1983	ECE	109	Internship	Bhumi Gajjar	Data Engineering over Cloud with DevOps Automation
1984	ECE	109	Internship	Bhupendar Sharma	Machine Learning
1985	ECE	109	Internship	Charul bhati	Web development
1986	ECE	109	Internship	Chhaya Agarwal	Web Development
1987	ECE	109	Internship	Chirag Mahajan	REACT web development
1988	ECE	109	Internship	Darshan Nahata	Embedded systems
1989	ECE	109	Internship	DARSHAN NAHATA	Machine Learning

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1990	ECE	109	Internship	DEVANSHI GAUTAM	MACHINE LEARNING
1991	ECE	109	Internship	Devanshi Nehra	ML
1992	ECE	109	Internship	DEVHUTI JOSHI	DATA ENGINEERING OVER CLOUD WITH DEVOPS AUTOMATION
1993	ECE	109	Internship	Dheeren Mittal	Machine Learning
1994	ECE	109	Internship	Digvijay Singh	Cloud Computing
1995	ECE	109	Internship	Dipanshu Tomer	Data Structure And Algorithm
1996	ECE	109	Internship	Fardeen Hussain	Machine learning
1997	ECE	109	Internship	Gargi Jaiman	Machine Learning
1998	ECE	109	Internship	Garima Goyal	Web Development
1999	ECE	109	Internship	Gaurang Singhal	WEB DEVELOPMENT
2000	ECE	109	Internship	gaurav agrawal	web development
2001	ECE	109	Internship	Harpreet Singh	Web development
2002	ECE	109	Internship	Harsh Kumar Jarthal	Machine Learning with Data Science
2003	ECE	109	Internship	Harshit Jaiswal	Machine Learning and Data Saience
2004	ECE	109	Internship	Harshita Jain	Python with datascience
2005	ECE	109	Internship	Harshita Jain	Artificial Intelligence
2006	ECE	109	Internship	Himanshu Jangid	Machine learning
2007	ECE	109	Internship	Himanshu Kapoor	ML
2008	ECE	109	Internship	Himanshu Sahu	Android Development
2009	ECE	109	Internship	Hitesh Khilyani	Machine learning with data science
2010	ECE	109	Internship	HITESH MITTAL	DATA ENGINEERING OVER CLOUD WITH DEVEOPS AUTOMATION
2011	ECE	109	Internship	Hitesh Mittal	Data Engineering over Cloud with devops automation
2012	ECE	109	Internship	Isha Gothi	AI
2013	ECE	109	Internship	Ishika Chabra	Data Engineering over Cloud with Devops Automation
2014	ECE	109	Internship	Ishika Jain	IT
2015	ECE	109	Internship	Jatin Balani	Machine Learning
2016	ECE	109	Internship	Karan Sharma	WEB DEVELOPMENT
2017	ECE	109	Internship	Kaushal khandal	Artificial Intelligence
2018	ECE	109	Internship	Kaushal Khandal	Artificial Intelligence

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2019	ECE	109	Internship	Kaushal Sharma	Data science
2020	ECE	109	Internship	Khushal vijay	Machine learning with data science
2021	ECE	109	Internship	Khushal vijay	Machine learning with data science
2022	ECE	109	Internship	Khushbu Jethwani	Artificial Intelligence
2023	ECE	109	Internship	Khushbu jethwani	Artificial Intelligence
2024	ECE	109	Internship	Kritika Bohra	Machine Learning with Data Science
2025	ECE	109	Internship	Kushank Singh Sisodiya	Deep Learning
2026	ECE	109	Internship	Lekhraj Paliwal	Machine learning (Data Science)
2027	ECE	109	Internship	Madhur Gupta	Data Engineering
2028	ECE	109	Internship	Manish Sharma	Machine Learning
2029	ECE	109	Internship	MAYANK JAIN	MACHINE LEARNING
2030	ECE	109	Internship	Mayur Mangal	Machine Learning
2031	ECE	109	Internship	Mohit Khandelwal	Machine Learning with Data Science
2032	ECE	109	Internship	Mohit Kumar Gupta	Node JS
2033	ECE	109	Internship	Mudit Singhal	Core Java
2034	ECE	109	Internship	NAVEEN KUMAR SHARMA	MACHINE LEARNING
2035	ECE	109	Internship	Neha Jain	Data Engineering over Cloud with DevOps Automation
2036	ECE	109	Internship	Niharika Mishra	Machine Learning
2037	ECE	109	Internship	Nikhil Khandelwal	Web Development
2038	ECE	109	Internship	NIKHIL PAREEK	PYTHON
2039	ECE	109	Internship	Nitesh SIrohi	Machine Learning with Data Science
2040	ECE	109	Internship	NITIN KUMAR SHARMA	MACHINE LEARNING AND DATA SCIENCE
2041	ECE	109	Internship	Palak Yadav	Artificial Intelligence
2042	ECE	109	Internship	PARTH SHARMA	Artificial Intelligence
2043	ECE	109	Internship	Parth Sharma	Artificial Technology
2044	ECE	109	Internship	Piyush Jain	WEB DEVLOPEMENT
2045	ECE	109	Internship	Prachi Sinha	Deep learning techniques with Cloud Deployment

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2046	ECE	109	Internship	Pradhumn Singh Parihar	Android App Development
2047	ECE	109	Internship	PRANJAL PORWAL	DATA ENGINEERING OVER CLOUD WITH DEVOPS AUTOMATION
2048	ECE	109	Internship	Prateek Gautam	Programming With Python
2049	ECE	109	Internship	Pratibha Bothra	E-commerce store review text classification using deep learning techniques with cloud deployment.
2050	ECE	109	Internship	Pratibha Bothra	Machine Learning
2051	ECE	109	Internship	Priya Singh	Data Analytics
2052	ECE	109	Internship	Priyanshi agarwal	WEB DEVELOPMENT
2053	ECE	109	Internship	Pulkit jain	Web development
2054	ECE	109	Internship	Puru Soni	Data Engineering over Cloud with DevOps Automation.
2055	ECE	109	Internship	Rajeev Soni	Data Science
2056	ECE	109	Internship	Rashi Gupta	Python , SQLite, GUI
2057	ECE	109	Internship	RASHI GUPTA	PROGRAMMING IN PYTHON
2058	ECE	109	Internship	ravi sain	MACHINE LEARNING PROGRAMMING
2059	ECE	109	Internship	Rishit Mangal	Machine Learning
2060	ECE	109	Internship	Rishit Mangal	Machine Learning
2061	ECE	109	Internship	Ritika sharma	Machine Learning
2062	ECE	109	Internship	Rohit Raj	Machine learning with Data Science
2063	ECE	109	Internship	ROHIT RAJ	Machine Learning
2064	ECE	109	Internship	Ronak Mathur	Data Science
2065	ECE	109	Internship	Saakshi Goswami	Python
2066	ECE	109	Internship	Sagar Gurnai	Machine learnig
2067	ECE	109	Internship	Sakshi Natani	MACHINE LEARNING WITH DATA SCIENCE
2068	ECE	109	Internship	Sakshi Singh	Machine Learning with Data Science
2069	ECE	109	Internship	Saloni Gangwal	Artificial Intelligence
2070	ECE	109	Internship	Saloni Vyas	DevOps with Cloud Automation
2071	ECE	109	Internship	Saloni Vyas	DevOps with Cloud Automation, Web Development

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2072	ECE	109	Internship	Samyak Jain	Machine Learning with Data Science
2073	ECE	109	Internship	Sankalp Negi	Machine learning with Data Science
2074	ECE	109	Internship	Sarthak Agrawal	Machine Learning
2075	ECE	109	Internship	Satvik Jain	Machine Learning and Artificial Intelligence
2076	ECE	109	Internship	Saurabh Choudhary	Data Science
2077	ECE	109	Internship	Saurabh Jain	Data Science
2078	ECE	109	Internship	Saurabh Jain	Data Science with Python
2079	ECE	109	Internship	Seema Joshi	Machine Learning with Data Science
2080	ECE	109	Internship	SHAILVI	Machine learning with Data Science
2081	ECE	109	Internship	Shikha Jain	Data engineering over cloud with devops automation
2082	ECE	109	Internship	Shivam gupta	The fundamentals of digital marketing, Digital skills(retail), Artificial intelligence
2083	ECE	109	Internship	Shivgautam Agrawal	Machine Learning with Data Science
2084	ECE	109	Internship	Shivgautam Agrawal	Machine learning
2085	ECE	109	Internship	Shrey Bhargava	Machine learning
2086	ECE	109	Internship	Shreya Sharma	Artificial Intelligence
2087	ECE	109	Internship	Shreyansh Ramteke	AI
2088	ECE	109	Internship	Shubh Kohli	MLOPS
2089	ECE	109	Internship	Shubham garg	Artificial Intelligence
2090	ECE	109	Internship	Shubham Singh Rajput	Machine Learning
2091	ECE	109	Internship	SHUBHAM SRIVASTAVA	PROGRAMMING IN PYTHON
2092	ECE	109	Internship	Siddharth Jain	ARTIFICIAL INTELLIGENCE
2093	ECE	109	Internship	Srashti Gupta	Machine Learning with Data Science
2094	ECE	109	Internship	Stuti Jain	WEB DEVELOPMENT
2095	ECE	109	Internship	Sulekha Gupta	Machine learning with Data Science (56 days)
2096	ECE	109	Internship	SUMIT KUMAR	Artificial Intelligence

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2097	ECE	109	Internship	Sumit Kumawat	MLOps (Applying Machine Learning on DevOps)
2098	ECE	109	Internship	Sumit Sanghi	Artificial Intelligence
2099	ECE	109	Internship	SWAROOP SINGH	MACHINE LEARNING
2100	ECE	109	Internship	Swastik Amera	Machine Learning
2101	ECE	109	Internship	Tanu Sawlani	MOTION SENSOR TECHNOLOGY
2102	ECE	109	Internship	Tanu sawlani	Embedded Systems and IoT
2103	ECE	109	Internship	Vanshika Bordia	Embedded C and IOT
2104	ECE	109	Internship	Vatsal Agarwal	Python
2105	ECE	109	Internship	Vedant Surolia	Internshala
2106	ECE	109	Internship	vinit khandal	WEB DEVELOPMENT
2107	ECE	109	Internship	Vishal Sharma	Web design and development
2108	ECE	109	Internship	Yash Beniwal	Machine Learning with Data Science (45)
2109	ECE	109	Internship	Yash Kumar Vyas	Machine learning with datascience
2110	ECE	109	Internship	Yashraj Singh Chauhan	Machine learning using Python
2111	ECE	109	Internship	YOJANA JAIMINI	Embedded Systems and IoT
2112	ECE	109	Internship	Sahil VijayVargia	Machine Learning with Data Science
2113	ECE	109	Internship	Abhishek Agrawal	Machine Learning
2114	ECE	109	Internship	Aditi Jain	Python
2115	ECE	109	Internship	Aditi Malhotra	Data Science
2116	ECE	109	Internship	Aditya Mehta	Machine Learning
2117	ECE	109	Internship	Aditya Raj	Machine learning and data science
2118	ECE	109	Internship	Aditya Shrivastava	Artificial intelligence
2119	ECE	109	Internship	ADITYA SWARNKAR	MACHINE LEARNING
2120	ECE	109	Internship	Aishwarya Lodha	Cloud Computing
2121	ECE	109	Internship	Akash soni	Online
2122	ECE	109	Internship	Akshat Jain	Data Science
2123	ECE	109	Internship	Akshat Singhal	Web Development
2124	ECE	109	Internship	Akshay Arora	Machine learning
2125	ECE	109	Internship	Akshit Jagetiya	Machine Language
2126	ECE	109	Internship	Alisha Lohia	AI

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2127	ECE	109	Internship	AMAN SINGH	DATA SCIENCE
2128	ECE	109	Internship	Aniket Sharma	Machine learning
2129	ECE	109	Internship	ANSH AGARWAL	DATA SCIENCE
2130	ECE	109	Internship	Anshul Gadia	Artificial Intelligence
2131	ECE	109	Internship	Anushka Tiwari	Artificial intelligence
2132	ECE	109	Internship	Arpan Goyal	Machine Learning
2133	ECE	109	Internship	ARPIT GUPTA	DATA SCIENCE
2134	ECE	109	Internship	Arpit jain	Artificial Intelligence
2135	ECE	109	Internship	Aryan Pareek	Machine Learning with Data Science
2136	ECE	109	Internship	Aryan Pareek	Machine Learning With Data Science
2137	ECE	109	Internship	Ashish Kumar	Python & GUI Training
2138	ECE	109	Internship	Ashish Kumar	Python
2139	ECE	109	Internship	Ashutosh Krishan	MACHINE LEARNING
2140	ECE	109	Internship	Ashutosh Krishan	Machine Learning and Data Science
2141	ECE	109	Internship	Ashutosh Lawania	Web development
2142	ECE	109	Internship	Ashutosh Mishra	Full Stack Web development
2143	ECE	109	Internship	Ayush Agarwal	Python
2144	ECE	109	Internship	Ayush Chaturvedi	Digital Marketing
2145	ECE	109	Internship	Ayush Chaturvedi	Artificial Intelligence
2146	ECE	109	Internship	Ayush Chaturvedi	Artificial intelligence-AI
2147	ECE	109	Internship	Ayush Jain	Web development and design
2148	ECE	109	Internship	Ayush Sharma	Artificial Intelligence
2149	ECE	109	Internship	Bhanuja Bhatt	Machine learning
2150	ECE	109	Internship	Bhaumik Jain	Artificial intelligence
2151	ECE	109	Internship	Bhaumik Jain	Artificial Intelligence
2152	ECE	109	Internship	Bhaveen Kumar Tak	Machine Learning
2153	ECE	109	Internship	Bhuvanesh kumar sharma	Web development
2154	ECE	109	Internship	Bhuvanesh kumar sharma	Cybersecurity
2155	ECE	109	Internship	Bipul kumar Giri	Machine learning
2156	ECE	109	Internship	chetan tanwar	Machine Learning
2157	ECE	109	Internship	Daksh Yogi	Machine learning & Data science

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2158	ECE	109	Internship	Daksh Yogi	Machine learning with data science
2159	ECE	109	Internship	Deeptanshu sharma	MACHINE LEARNING
2160	ECE	109	Internship	Deeptanshu sharma	MACHINE LEARNING
2161	ECE	109	Internship	Devendra Agrawal	Online mode
2162	ECE	109	Internship	Dewang Bhardwaj	Python
2163	ECE	109	Internship	Dheeraj Javeria	Machine Learning
2164	ECE	109	Internship	Dheeraj Javeria	Machine Learning
2165	ECE	109	Internship	DHYAN CHANDRA	MACHINE LEARNING
2166	ECE	109	Internship	Divya Agarwal	Web development and design
2167	ECE	109	Internship	Divyam Agarwal	Digital Marketing
2168	ECE	109	Internship	Divyansh Sharma	ML
2169	ECE	109	Internship	Divyansh Sharma	Machine Learning
2170	ECE	109	Internship	Dolly Mehta	Machine learning
2171	ECE	109	Internship	Dolly Mehta	Machine learning
2172	ECE	109	Internship	Gajendra Singh Shekhawat	Cloud computing
2173	ECE	109	Internship	Gargi Rewar	Machine Learning With Data Science
2174	ECE	109	Internship	Garvit Mittal	Data Structure and Algorithm
2175	ECE	109	Internship	Gaurav Bharadwaj	Machine Learning
2176	ECE	109	Internship	Gaurav Budhani	Blockchain
2177	ECE	109	Internship	Gurumeet barnwal	Data Science
2178	ECE	109	Internship	Hardik	Artificial intelligence
2179	ECE	109	Internship	Hardik Singh Bisht	Artificial intelligence
2180	ECE	109	Internship	Harkishan S Walia	Android development through KOTLIN
2181	ECE	109	Internship	Harkishan S Walia	Kotlin android development
2182	ECE	109	Internship	Harsh Gurjar	AI
2183	ECE	109	Internship	Harsh Gurjar	ARTIFICIAL INTELLIGENCE
2184	ECE	109	Internship	HARSH Jain	AI
2185	ECE	109	Internship	HARSH JAIN	Artificial intelligence
2186	ECE	109	internship	Harsh Vardhan	Programming In Python

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				Singh	
2187	ECE	109	Internship	Harsh Vardhan Singh	Programming in Python
2188	ECE	109	Internship	Harshdeep Singh Songara	Machine Learning
2189	ECE	109	Internship	Harshdeep Singh Songara	Machine Learning
2190	ECE	109	Internship	HARSHIT BHAT	Machine learning
2191	ECE	109	Internship	Harshit bhat	Machine learning
2192	ECE	109	Internship	Harshita Sharma	Machine learning
2193	ECE	109	Internship	Harshita Sharma	Machine learning
2194	ECE	109	Internship	Hiranshi Malvi	Machine learning
2195	ECE	109	Internship	Hiranshi Malvi	Machine Learning
2196	ECE	109	Internship	Indraysh Vijay	Machine learning
2197	ECE	109	Internship	Indraysh Vijay	Machine learning
2198	ECE	109	Internship	Ishika Gupta	Machine Learning
2199	ECE	109	Internship	Ishika Gupta	Machine learning
2200	ECE	109	Internship	Ishu Parihar	Machine Learning
2201	ECE	109	Internship	Ishu Parihar	Machine Learning
2202	ECE	109	Internship	Ishwar verma	Machine Learning
2203	ECE	109	Internship	Ishwar verma	Matching learning
2204	ECE	109	Internship	Janvi Jain	Machine learning
2205	ECE	109	Internship	Janvi Jain	Machine learning
2206	ECE	109	Internship	Jatin Pareek	Machine Learning
2207	ECE	109	Internship	Jatin Pareek	Machine Learning
2208	ECE	109	Internship	Jayesh Gupta	Machine Learning and Data Science
2209	ECE	109	Internship	Jayesh Gupta	Machine learning and Data Science
2210	ECE	109	Internship	JYOTI PODDAR	MACHINE LEARNING
2211	ECE	109	Internship	Jyoti Poddar	Machine learning
2212	ECE	109	Internship	Kajal Goyal	Machine learning
2213	ECE	109	Internship	Kashish Chandra	Internet of Things
2214	ECE	109	Internship	Kashish Chandra	Internet of Things
2215	ECE	109	Internship	Keshav Khandelwal	Android app development
2216	ECE	109	Internship	Keshav Khandelwal	Android app development
2217	ECE	109	Internship	Kinshu kumar gupta	ML
2218	ECE	109	Internship	Kinshu kumar gupta	Machine learning
2219	ECE	109	internship	Kuldeep Singh	Machine Learning

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				Dagur	
2220	ECE	109	Internship	Kuldeep Singh	C- Language
2221	ECE	109	Internship	Kuldeep Singh Dagur	Machine Learning
2222	ECE	109	Internship	Kunal Dadheech	Arduino
2223	ECE	109	Internship	Kunal Dadheech	PCB Design
2224	ECE	109	Internship	Kunal Sharma	Android App Development
2225	ECE	109	Internship	Kunal Sharma	Android App Development
2226	ECE	109	Internship	Lakshay Jain	Machine learning
2227	ECE	109	Internship	Lakshya Jhalani	Embedded System
2228	ECE	109	Internship	Lakshya Jhalani	PCB Designing
2229	ECE	109	Internship	Laxman Prasad Ojha	Machine Learning
2230	ECE	109	Internship	Lokender singh	Machine learning
2231	ECE	109	Internship	Madhur Maharshi	Web development
2232	ECE	109	Internship	Madhur Maharshi	Web Development
2233	ECE	109	Internship	Manan Agrawal	Machine Learning And Data Science
2234	ECE	109	Internship	Mayank Kumar	Machine Learning
2235	ECE	109	Internship	Mayank Kumar	Machine learning
2236	ECE	109	Internship	Md Jauhar Iqbal	Matchine learning
2237	ECE	109	Internship	Megha	Data structure and algorithm
2238	ECE	109	Internship	Megha	Data structure and algorithm
2239	ECE	109	Internship	Megha Kumari	AI
2240	ECE	109	Internship	Megha Kumari	Artificial intelligence
2241	ECE	109	Internship	Mehul Kumar Sharma	Introduction to Industry 4.0 and Industrial Internet of Things
2242	ECE	109	Internship	Mehul Kumar Sharma	Industry 4.0 and Industrial IOT
2243	ECE	109	Internship	Mehul Kumar Sharma	Industry 4.0 and Industrial IOT
2244	ECE	109	Internship	Mihir Dadhich	Web Development and Google cloud ☛☐
2245	ECE	109	Internship	Mihir Dadhich	Web Development
2246	ECE	109	Internship	Milan Singh Gurjar	Internet of things
2247	ECE	109	Internship	Mitul Chhipa	Blockchain
2248	ECE	109	Internship	Mitul Chhipa	Blockchain
2249	ECE	109	internship	Mohammed	MI&DS

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				Adnan Khan	
2250	ECE	109	Internship	Mohit goyal	MACHINE LEARNING
2251	ECE	109	Internship	Mohit goyal	MACHINE LEARNING AND DATA SCIENCE
2252	ECE	109	Internship	Mohit mathur	Machine learning
2253	ECE	109	Internship	Mohit Mathur	Machine learning
2254	ECE	109	Internship	MONIKA SAINI	MACHINE LEARNING
2255	ECE	109	Internship	Monika Saini	Machine Learning
2256	ECE	109	Internship	Murari agarwal	Introduction to electronics
2257	ECE	109	Internship	Murari agarwal	Artificial Intelligence
2258	ECE	109	Internship	Muskan Agarwal	DevOps
2259	ECE	109	Internship	Muskan Bhattar	Machine learning
2260	ECE	109	Internship	Muskan Jalan	Machine Learning
2261	ECE	109	Internship	Nagendra Singh	Machine Learning and Data Science
2262	ECE	109	Internship	Naman jain	Machine learning
2263	ECE	109	Internship	Nandini vyas	Machine learning
2264	ECE	109	Internship	Nandini vyas	Machine learning
2265	ECE	109	Internship	NAVEEN SHARMA	Web development
2266	ECE	109	Internship	Neha jain	Python
2267	ECE	109	Internship	Neha Jain	machine learning and data science
2268	ECE	109	Internship	Nikhil Mittal	Embedded System
2269	ECE	109	Internship	Nirali garg	Machine learning
2270	ECE	109	Internship	Nishant kumar	ML and data science
2271	ECE	109	Internship	Nishant kumar	Machine learning
2272	ECE	109	Internship	Nishant kumar Pathak	Machine Learning And Data Science
2273	ECE	109	Internship	Nishant kumar Pathak	Machine learning
2274	ECE	109	Internship	Palak marwal	Machine learning
2275	ECE	109	Internship	Palak marwal	Machine learning with python
2276	ECE	109	Internship	Parag Gupta	Machine learning
2277	ECE	109	Internship	Parag Gupta	Machine learning
2278	ECE	109	Internship	Paridhi Punglia	Google cloud
2279	ECE	109	Internship	Parishi sharma	Internshala
2280	ECE	109	Internship	Parishi sharma	Data structures
2281	ECE	109	Internship	Parishi Sharma	Data structure and algorithm
2282	ECE	109	Internship	Parishi sharma	Data structure
2283	ECE	109	internship	Parth Pareek	Machine learning and data

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					science
2284	ECE	109	Internship	Parth Pareek	Machine learning and data science
2285	ECE	109	Internship	Parth Sharma	Machine learning and data science
2286	ECE	109	Internship	Parth Sharma	Machine learning and data science
2287	ECE	109	Internship	Piyush Kumar	Machine learning
2288	ECE	109	Internship	Piyush kumar	Machine learning
2289	ECE	109	Internship	Prachi Maheshwari	GCCF
2290	ECE	109	Internship	Prachi Maheshwari	Google cloud
2291	ECE	109	Internship	Prachi Maheshwari	Google cloud
2292	ECE	109	Internship	Prachi Soni	Google cloud
2293	ECE	109	Internship	Prachi Soni	Cloud computing
2294	ECE	109	Internship	Prashun Raj	Cloud Computing
2295	ECE	109	Internship	Prashun Raj	Machine Learning
2296	ECE	109	Internship	PRATHAM MITTAL	Machine learning
2297	ECE	109	Internship	PRATYUSH AMRIT	Web development
2298	ECE	109	Internship	Pratyush Amrit	Web development
2299	ECE	109	Internship	Prinal Gupta	Machine learning
2300	ECE	109	Internship	Priyanshi Agrawal	Machine Learning
2301	ECE	109	Internship	Priyanshi Chasta	GCCF
2302	ECE	109	Internship	Priyanshi Chasta	GCCF
2303	ECE	109	Internship	Priyanshi Chasta	Google cloud
2304	ECE	109	Internship	PRIYANSHU JAIN	INTERNSHALA (MACHINE LEARNING)
2305	ECE	109	Internship	Priyanshu Singhal	Cloud Computing
2306	ECE	109	Internship	Pulkit khandelwal	Web development
2307	ECE	109	Internship	Pulkit Khandelwal	Web development
2308	ECE	109	Internship	Pulkit khandelwal	Web development
2309	ECE	109	Internship	Puneet kukkar	Machine learning
2310	ECE	109	Internship	Puneet kukkar	Machine learning
2311	ECE	109	Internship	Rachit Bhargava	MACHINE LEARNING
2312	ECE	109	Internship	Raghav agarwal	Machine learning
2313	ECE	109	Internship	Raghav agarwal	Machine learning

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2314	ECE	109	Internship	Raghav Tiwari	Cloud Computing
2315	ECE	109	Internship	Raghav Tiwari	Cloud Computing
2316	ECE	109	Internship	Rahul danga	Machine learning
2317	ECE	109	Internship	Rahul danga	Python
2318	ECE	109	Internship	Rahul danga	machine learning
2319	ECE	109	Internship	Raj Bhatnagar	Google Cloud
2320	ECE	109	Internship	Raj Bhatnagar	Google Cloud
2321	ECE	109	Internship	Rajat jakhar	Web development
2322	ECE	109	Internship	Rajat jakhar	Web development
2323	ECE	109	Internship	Rajshree Prajapati	Machine learning
2324	ECE	109	Internship	Rajshree Prajapati	Machine learning
2325	ECE	109	Internship	Rajshree Prajapati	Machine learning
2326	ECE	109	Internship	Rajshree Prajapati	Machine learning
2327	ECE	109	Internship	Rajshree Prajapati	Machine learning
2328	ECE	109	Internship	Rakesh Prajapat	Artificial intelligence
2329	ECE	109	Internship	Rakesh Prajapat	Machine Learning
2330	ECE	109	Internship	RAKSHA VERMA	CLOUD COMPUTING
2331	ECE	109	Internship	Ram jashnani	Blockchain
2332	ECE	109	Internship	Ranjeet Pankaj	Machine learning
2333	ECE	109	Internship	Ranjeet Pankaj	Machine learning
2334	ECE	109	Internship	Ranjeet Pankaj	Machine learning
2335	ECE	109	Internship	Ranjeet Pankaj	Machine Learning
2336	ECE	109	Internship	Rashtrik Varnoti	Data science
2337	ECE	109	Internship	Rekha Upadhyay	Artificial intelligence using python
2338	ECE	109	Internship	Rishab jain	Web development
2339	ECE	109	Internship	Rishab jain	Web development
2340	ECE	109	Internship	Rishabh Mahla	Blockchain
2341	ECE	109	Internship	Rishabh Mishra	Cloud Computing
2342	ECE	109	Internship	RITIK SHARMA	Machine Learning
2343	ECE	109	Internship	RITIK SHARMA	Machine Learning
2344	ECE	109	Internship	Rituraj Singh Rathore	Machine learning
2345	ECE	109	Internship	Rituraj Singh Rathore	Machine learning
2346	ECE	109	Internship	Rohan kumar	Machine Learning
2347	ECE	109	Internship	Rohan kumar	Machine learning

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2348	ECE	109	Internship	Rohit datwani	Machine learning& Data science
2349	ECE	109	Internship	ROHITH KUMAR SAINI	Flutter
2350	ECE	109	Internship	ROHITH KUMAR SAINI	App development
2351	ECE	109	Internship	Ronak Goyal	Machine learning
2352	ECE	109	Internship	Ronak Goyal	Machine learning
2353	ECE	109	Internship	Roushan Raj	Machine learning
2354	ECE	109	Internship	Roushan Raj	Machine learning
2355	ECE	109	Internship	SACHIT BANSAL	Machine learning
2356	ECE	109	Internship	Sagar Jain	Machine learning
2357	ECE	109	Internship	SAKET SHARMA	Android app Development
2358	ECE	109	Internship	Saksham arya	Machine learning
2359	ECE	109	Internship	Sakshi Jaiswal	Machine learning
2360	ECE	109	Internship	Sakshi Kansal	Machine learning
2361	ECE	109	Internship	Sakshi Sharma	Machine learning
2362	ECE	109	Internship	Sambhav Agarwal	REACT JS
2363	ECE	109	Internship	Sambhav Agarwal	React
2364	ECE	109	Internship	Samiksha Mathur	Machine learning
2365	ECE	109	Internship	Sanjay Saini	Web development
2366	ECE	109	Internship	Satyam Kumar thakur	ML
2367	ECE	109	Internship	Saurabh Mandal	Web analytics
2368	ECE	109	Internship	Sejal Mathur	Cloud Computing Foundation Program
2369	ECE	109	Internship	Shailendra Singh Ranawat	GCCF
2370	ECE	109	Internship	SHAILENDRA SINGH RANAWAT	Web development
2371	ECE	109	Internship	Shalin Maloo	Machine Learning,Goggle cloud
2372	ECE	109	Internship	Shalin Maloo	Machine learning
2373	ECE	109	Internship	Shashank Singh	Google Cloud Computing
2374	ECE	109	Internship	Shashank Singh	Google Cloud Computing Foundation
2375	ECE	109	Internship	Shavi bafna	Machine learning
2376	ECE	109	Internship	Shavi bafna	Python for data science
2377	ECE	109	Internship	SHIKHA JAT	Machine learning
2378	ECE	109	Internship	Shikha jat	Machine learning

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2379	ECE	109	Internship	Shivam Kalani	Machine learning
2380	ECE	109	Internship	Shivesh Singh	Machine Learning
2381	ECE	109	Internship	Shreyans geldrajain	Cloud computing
2382	ECE	109	Internship	shreyansgeldraja in	Cloud
2383	ECE	109	Internship	Shruti Mittal	Technology
2384	ECE	109	Internship	Shruti Mittal	Web Development
2385	ECE	109	Internship	Shruti Mittal	Web development
2386	ECE	109	Internship	Shruti Sharma	Cloud Computing
2387	ECE	109	Internship	shruti sharma	Cloud computing
2388	ECE	109	Internship	Shubham Maheshwari	Full-Stack Web Development
2389	ECE	109	Internship	Shubham Maheshwari	Web Development
2390	ECE	109	Internship	Shubham Sinha	Machine Learning
2391	ECE	109	Internship	Siddham Jain	Embedded system and IoT
2392	ECE	109	Internship	SHRISTI PATHAK	GCCF
2393	ECE	109	Internship	Aditya kumar singh	Machine learning
2394	ECE	109	Internship	Simran Kaur	Artificial intelligence
2395	ECE	109	Internship	somya singh	Web development
2396	ECE	109	Internship	Subrata Pal	Web Development
2397	ECE	109	Internship	Subrata Pal	Web Development
2398	ECE	109	Internship	Sudeshna Pal	Android Development
2399	ECE	109	Internship	Sudeshna Pal	Android Development
2400	ECE	109	Internship	SURAJ BISHT	GOOGLE CLOUD COMPUTING FOUNDATION
2401	ECE	109	Internship	Suraj Bisht	Jaipur Engineering College And Research center
2402	ECE	109	Internship	Suraj Bisht	GOOGLE CLOUD COMPUTING FOUNDATION
2403	ECE	109	Internship	Swati Jain	Google cloud computing foundation
2404	ECE	109	Internship	Tanisha Garg	Google Cloud Computing
2405	ECE	109	Internship	Tarib Ahmed	Google Cloud Computing Foundations Program
2406	ECE	109	Internship	Tarib Ahmed	Google cloud computing foundation
2407	ECE	109	Internship	TAYADE AKSHAY ARUN	MACHINE LEARNING

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2408	ECE	109	Internship	Tayade Akshay Arun	Machine learning
2409	ECE	109	Internship	Tayade Akshay Arun	Machine learning
2410	ECE	109	Internship	Teena Gurjar	Internshaala
2411	ECE	109	Internship	Tejvrat Singh Chauhan	Machine learning
2412	ECE	109	Internship	Utkarsh jain	Machine Learning
2413	ECE	109	Internship	Vaibhav Garg	ML
2414	ECE	109	Internship	Vaibhav Garg	Machine Learning & Data Science
2415	ECE	109	Internship	Vaibhav Garg	Machine Learning and Data Science
2416	ECE	109	Internship	vaibhav kabra	Digital marketing and UI/UX
2417	ECE	109	Internship	Vansh Jain	Data Science
2418	ECE	109	Internship	Vansh Jain	Data Science
2419	ECE	109	Internship	Vanshika soni	Java
2420	ECE	109	Internship	Vanshita Rathore	Data science
2421	ECE	109	Internship	Vijay Sharma	Python for Machine Learning
2422	ECE	109	Internship	Vijay Sharma	Google Cloud Computing
2423	ECE	109	Internship	vikas dubey	UI UX
2424	ECE	109	Internship	Vikas dubey	Volunteering
2425	ECE	109	Internship	Vipin Gupta	Flutter
2426	ECE	109	Internship	VIPIN GUPTA	Flutter development
2427	ECE	109	Internship	Vipul khanna	data structures and algorithm
2428	ECE	109	Internship	VISHAKHA JAJOO	Cloud Computing
2429	ECE	109	Internship	vishakha jajoo	Cloud Computing
2430	ECE	109	Internship	Vishal Jain	Web development
2431	ECE	109	Internship	Vishal jain	Web development
2432	ECE	109	Internship	Vishal labana	Machine learning
2433	ECE	109	Internship	Vishal Mehla	Node js
2434	ECE	109	Internship	VRINDAA JOSHI	HTML-JAVASCRIPT-PHP-BOOTSTRAP-REACT-CSS-DBMS
2435	ECE	109	Internship	Yamini Kumawat	JAVA
2436	ECE	109	Internship	Yash Jain	Machine Learning
2437	ECE	109	Internship	Yash Jain	Machine Learning
2438	ECE	109	internship	Yash Jain	GOOGLE CLOUD COMPUTING FOUNDATION

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					PROGRAM
2439	ECE	109	Internship	yash Sethia	Artificial intelligence
2440	ECE	109	Internship	Yash Soni	Machine learning
2441	ECE	109	Internship	Yash Tank	Data Structure
2442	ECE	109	Internship	Yash Tank	Web development
2443	ECE	109	Internship	YASH Tekewal	Data Science
2444	ECE	109	Internship	Yashika Saraswat	Google cloud computing, Python
2445	ECE	109	Internship	Yashwant Tailor	Data science
2446	ECE	109	Internship	Yatharth Sharma	Web Development
2447	ECE	109	Internship	YATHARTH SHARMA	Web Development
2448	ECE	109	Internship	Yuvraj Singh Shekhawat	Java
2449	ECE	109	Internship	Abhay Khandelwal	Embedded System
2450	ECE	109	Internship	Abhi Soni	Embedded systems
2451	ECE	109	Internship	Aditya Raj	Embedded system
2452	ECE	109	Internship	Aditya Sharma	Embedded Systems
2453	ECE	109	Internship	Akshat Dhyani	Embedded system
2454	ECE	109	Internship	Aman Goyal	Embedded Systems
2455	ECE	109	Internship	Amit Solanki	Embedded systems
2456	ECE	109	Internship	Anjali	Embedded Systems
2457	ECE	109	Internship	Ankit kumar sharma	Embedded system
2458	ECE	109	Internship	Anu Shekhawat	Embedded system
2459	ECE	109	Internship	Anurag Kumar Shukla	Embedded System
2460	ECE	109	Internship	Archita Khandelwal	Embedded System and Iot
2461	ECE	109	Internship	Arjun	Embedded System
2462	ECE	109	Internship	Arya Raj	Embedded system
2463	ECE	109	Internship	Aryan Sharma	Embedded Systems
2464	ECE	109	Internship	Ashish Gupta	Embedded system
2465	ECE	109	Internship	Ashish Tiwari	Embedded Systems
2466	ECE	109	Internship	Atul Singhal	Embedded Systems
2467	ECE	109	Internship	Ayush Mittal	Embedded systems
2468	ECE	109	Internship	Ayushi Agarwal	Embedded systems
2469	ECE	109	Internship	Bhavika Saini	Embedded systems
2470	ECE	109	Internship	Bhuvan Kumar Singh	Embedded Systems
2471	ECE	109	Internship	Chandan Kumar	Embedded system

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2472	ECE	109	Internship	Chandra Prakash Gupta	Embedded system
2473	ECE	109	Internship	Chetna Agarwal	Embedded Systems
2474	ECE	109	Internship	Chinmay Jain	Embedded System
2475	ECE	109	Internship	Chirayu Trivedi	Embedded systems
2476	ECE	109	Internship	Deepak vijay	Embedded systems
2477	ECE	109	Internship	Dhruv Goyal	Embedded systems
2478	ECE	109	Internship	Divya Saxena	Embedded systems
2479	ECE	109	Internship	Divyanshi upreti	Embedded system
2480	ECE	109	Internship	Diwya sudarshan kaushik	Embedded system
2481	ECE	109	Internship	Gagan Goyal	Upflairs
2482	ECE	109	Internship	Ghanishth Kumawat	Embedded Systems
2483	ECE	109	Internship	Harsh Rawal	Embedded system
2484	ECE	109	Internship	Harshvardhan Sharma	EMBEDDED SYSTEMS
2485	ECE	109	Internship	Harshvardhan soni	Embedded system
2486	ECE	109	Internship	Himanshu Ameta	Embedded Systems
2487	ECE	109	Internship	Himanshu Mittal	Embedded system
2488	ECE	109	Internship	Hitin Vaswani	Embedded Systems
2489	ECE	109	Internship	Jyoti Soni	Embedded Systems
2490	ECE	109	Internship	Kalash Kshetija	Embedded System
2491	ECE	109	Internship	Kanad Mishra	Embedded System
2492	ECE	109	Internship	Keshav Yadav	Embedded Systems
2493	ECE	109	Internship	Khushi Bindal	Embedded Systems
2494	ECE	109	Internship	Khushi kachhara	Embedded system
2495	ECE	109	Internship	Khushi Maheshwari	Embedded System
2496	ECE	109	Internship	Kirtika Sharma	Embedded System
2497	ECE	109	Internship	Kishan Gopal Jetwal	Embedded System
2498	ECE	109	Internship	Komal Gupta	Embedded Systems
2499	ECE	109	Internship	Krishna Jangir	Embedded Systems
2500	ECE	109	Internship	Lakshita Nandwana	Embedded system
2501	ECE	109	Internship	Lakshya Jain	Embedded System
2502	ECE	109	Internship	Laxmi Narayan	Embedded System
2503	ECE	109	Internship	Manas Agrawal	Embedded System
2504	ECE	109	Internship	Manendra Saini	Embedded system
2505	ECE	109	Internship	Manvendra Singh Shekhawat	Embedded system
2506	ECE	109	Internship	Mihir Natani	Embedded System

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2507	ECE	109	Internship	Mitali Vinocha	Embedded Systems
2508	ECE	109	Internship	Mohan lal	Embedded systems
2509	ECE	109	Internship	MOHD.ADNAN ZAIDI	Embedded system
2510	ECE	109	Internship	Moti Singh Rajpurohit	Embedded system
2511	ECE	109	Internship	Moti Singh Rajpurohit	Embedded systems
2512	ECE	109	Internship	Naveen Gurjar	Embedded Systems
2513	ECE	109	Internship	Nidhi mundra	Embedded system
2514	ECE	109	Internship	Nikhil Bansal	Embedded System
2515	ECE	109	Internship	Nikhil Bansal	Embedded system
2516	ECE	109	Internship	Nilanshi Jain	Embedded system
2517	ECE	109	Internship	Nirvigh Nama	Embedded Systems
2518	ECE	109	Internship	NITESH RAO	Embedded System
2519	ECE	109	Internship	NITESH RAO	Embedded System
2520	ECE	109	Internship	Nupur Agarwal	Embedded Systems
2521	ECE	109	Internship	Nupur Agarwal	Embedded System
2522	ECE	109	Internship	Pankaj Kumar Yadav	Embedded Systems
2523	ECE	109	Internship	Pankaj Kumar Yadav	Embedded systems
2524	ECE	109	Internship	Payal soni	Embedded systems
2525	ECE	109	Internship	Pooja Choudhary	Embedded system
2526	ECE	109	Internship	Pooja Choudhary	Embedded
2527	ECE	109	Internship	Pranika Goyal	Embedded system
2528	ECE	109	Internship	Pratham Kapoor	Embedded system
2529	ECE	109	Internship	Priyanshu Jain	Embedded system
2530	ECE	109	Internship	Priyanshu Jain	Embedded system
2531	ECE	109	Internship	PULAK GUPTA	Emeded Systems
2532	ECE	109	Internship	Pulkit Galav	Embedded system
2533	ECE	109	Internship	Pulkit Galav	Embedded System
2534	ECE	109	Internship	Purshotam	Embedded system
2535	ECE	109	Internship	Purshotam	Embedded system
2536	ECE	109	Internship	Rachit Prajapati	Embedded
2537	ECE	109	Internship	Rachit Prajapati	Embedded System
2538	ECE	109	Internship	Rahul Sharma	Embedded system
2539	ECE	109	Internship	Rahul Sharma	Embedded system
2540	ECE	109	Internship	Rahul Singh	Upflairs
2541	ECE	109	Internship	Rajnandini soni	Embedded system
2542	ECE	109	Internship	RAMKESH BAIRWA	Embedded system
2543	ECE	109	Internship	RAMKESH BAIRWA	Embedded system

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2544	ECE	109	Internship	Ritik chhipa	Embedded system
2545	ECE	109	Internship	Ritik chhipa	Embedded system
2546	ECE	109	Internship	Rohan Sharma	Embedded system
2547	ECE	109	Internship	Rohan Sharma	Embedded system
2548	ECE	109	Internship	Ronit kumar jain	Embedded System
2549	ECE	109	Internship	Ronit kumar jain	Embedded system
2550	ECE	109	Internship	Saif ali	Embedded system
2551	ECE	109	Internship	Saif ali	Embedded
2552	ECE	109	Internship	Sameer Mathur	EMBEDDED SYSTEM
2553	ECE	109	Internship	SAMEER MATHUR	Embedded system
2554	ECE	109	Internship	Sandeep pareek	Embedded system
2555	ECE	109	Internship	Sanskar Kulshrestha	Embedded systems
2556	ECE	109	Internship	Sanskar Kulshrestha	Embedded systems
2557	ECE	109	Internship	Shivansh Bhardwaj	Embedded System
2558	ECE	109	Internship	Rishi saini	Embedded system
2559	ECE	109	Internship	Sapan Mittal	Embedded System
2560	ECE	109	Internship	Saurav Mall	Embedded system
2561	ECE	109	Internship	Saurav Mall	Embedded system
2562	ECE	109	Internship	Shantanu Sharma	Embedded system
2563	ECE	109	Internship	Shashank mangal	Embedded system
2564	ECE	109	Internship	Shivani agarwal	Embedded system
2565	ECE	109	Internship	Shivani agarwal	Embedded system
2566	ECE	109	Internship	Shivansh Bhardwaj	Embedded System
2567	ECE	109	Internship	Shryansh shree GANGWAL	Embedded system
2568	ECE	109	Internship	Shubhankar Pandey	Embedded system
2569	ECE	109	Internship	Siddharth Sharma	Embedded System
2570	ECE	109	Internship	Sneha jain	Embedded system
2571	ECE	109	Internship	Sneha jain	Embedded Systems
2572	ECE	109	Internship	TEENA MURJANI	Embedded system
2573	ECE	109	Internship	Tia Sobti	Embedded system
2574	ECE	109	Internship	Tushar chaturvedi	C++
2575	ECE	109	Internship	Tushar Chaturvedi	C++
2576	ECE	109	internship	Tushar	Embedded system

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				Toshniwal	
2577	ECE	109	Internship	Umar Farooq Hussain	Embedded systems
2578	ECE	109	Internship	Vaishnavi Chauhan	Embedded system
2579	ECE	109	Internship	Vanshita Khanda	Embedded system
2580	ECE	109	Internship	Vanshita Khanda	Embedded system
2581	ECE	109	Internship	Vinit Garg	Scientific computing with python
2582	ECE	109	Internship	Vipul Agarwal	Embedded systems
2583	ECE	109	Internship	Vishal jain	Embedded system
2584	ECE	109	Internship	Vishal jain	Embedded system
2585	ECE	109	Internship	Vishal jain	Embedded system
2586	ECE	109	Internship	VISHAL KUMAWAT	Embedded system
2587	ECE	109	Internship	Vishal Kumawat	Embedded system
2588	ECE	109	Internship	Yash Babel	Embedded system
2589	ECE	109	Internship	YASH babel	Embedded system
2590	ECE	109	Internship	Yash goswami	Embedded system
2591	ECE	109	Internship	Yash Goswami	Embedded system
2592	ECE	109	Internship	Yash kumar more	Embedded system
2593	ECE	109	Internship	Yash Mittal	Embedded system
2594	ECE	109	Internship	Yash Mittal	Embedded system
2595	ECE	109	Internship	Ronak Maheshwari	Thinknext technology
2596	ECE	109	Internship	Ronak Maheshwari	Thinknext technology
2597	ECE	109	Internship	Abhinav Singh Shekhawat	Web development
2598	ECE	109	Internship	Abhinav Singh Shekhawat	Web development
2599	ECE	109	Internship	Rohit Sharma	Autocad
2600	ECE	109	Internship	Akshat Khandelwal	Embedded system and iot
2601	AIDS		Internship	Abhijeet Sharma	JAVA
2602	AIDS		Internship	Abhinav Kumar Mittal	Python 101 for data science
2603	AIDS		Internship		C programming
2604	AIDS		Internship	Aishwarya Jain	Python Programming
2605	AIDS		Internship	Akshat gupta	Artificial intelligence and data science
2606	AIDS		Internship		Aman Kaushik
2607	AIDS		Internship	Aman Sharma	PHP-MySQL

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2608	AIDS		Internship	Anant Joshi	PHP-MySQL
2609	AIDS		Internship	Anchit Parwal	Java script
2610	AIDS		Internship	Aniket	PHP-MySQL
2611	AIDS		Internship	Anshika Jain	C programming
2612	AIDS		Internship	Arham Jain	JavaScript
2613	AIDS		Internship	Aryank Gupta	Google analytics
2614	AIDS		Internship		Google Analytics
2615	AIDS		Internship	Ayush Michael	THE COMPLETE WEB DEVELOPMENT BOOTCAMP
2616	AIDS		Internship		The complete 2021 web development bootcamp
2617	AIDS		Internship	Ayushi George	Web Development Internship
2618	AIDS		Internship		Web Developer
2619	AIDS		Internship	Bharat Mohta	Market Basket Analysis
2620	AIDS		Internship	Bhawin Ameta	C Programming
2621	AIDS		Internship	Bhunesh Dadheech	Artificial Intelligence
2622	AIDS		Internship	Chintan Grover	The complete 2021 web development bootcamp
2623	AIDS		Internship	Daksh Sharma	C n c++
2624	AIDS		Internship	Dhawan kumar nama	Mail Automation
2625	AIDS		Internship	Dinesh lomror	Python for Ai and development
2626	AIDS		Internship		UI/UX (Html5 + CSS3) Coding Internship
2627	AIDS		Internship	GOURAV SHARMA	PYTHON 101 FOR DATA SCIENCE
2628	AIDS		Internship	Harsh Jangid	Java script
2629	AIDS		Internship	Harshit Singh	PHP MySQL
2630	AIDS		Internship		
2631	AIDS		Internship	Ishita Goyal	HTML5+CSS3
2632	AIDS		Internship	Jaiprakash	JavaScript Coding Internship
2633	AIDS		Internship	Jerin Jacob	Website Management and Administration
2634	AIDS		Internship	Kanishk pareek	Javascript coding internship
2635	AIDS		Internship	Karan Kumawat	C programming
2636	AIDS		Internship	Karan Sharma	Python Boot camp 2021 Build 15 working Applications and Games
2637	AIDS		Internship	Kaushal Yadav	C Programming

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2638	AIDS		Internship	Khushi Garg	TEDP
2639	AIDS		Internship	Khushi saraswat	Python
2640	AIDS		Internship	Khushi sharma	Javascript coding internship
2641	AIDS		Internship	Khushwant Vyas	Ethical hacking bootcamp
2642	AIDS		Internship	Kirtan Soni	HTML and CSS
2643	AIDS		Internship	Manish Kumawat	HTML5 + CSS3
2644	AIDS		Internship	Manjeet Choudhary	Javascript
2645	AIDS		Internship	Manshi Singh	Accenture Discovery Program
2646	AIDS		Internship	Manu garg	Python 101 for data science
2647	AIDS		Internship		Python for AI and Development
2648	AIDS		Internship	Mohak Bardwa	UI/UX(HTML5+CSS3) Coding Internship
2649	AIDS		Internship	Mohit Aggarwal	Introduction to Java
2650	AIDS		Internship		Online lecture series on Emerging trends in Computer Science and Information & Communication Technology
2651	AIDS		Internship	Mohit Kumar Lalwani	HTML5+CSS3 online internship
2652	AIDS		Internship	Muskan Tambi	HTML5 & CSS 3
2653	AIDS		Internship	Naman Gupta	PHP and MySQL Coding Internship
2654	AIDS		Internship	Nehal Mittal	Graphic Designing
2655	AIDS		Internship	Opal Jain	JavaScript Coding Internship
2656	AIDS		Internship	Priyanka Jangid	Python for Data Science
2657	AIDS		Internship	Priyanshu Khandelwal	Flutter and Dart
2658	AIDS		Internship	Priyanshu Saini	Frontend Web Development Ultimate Course 2021
2659	AIDS		Internship	Puneet Goyal	TCS iON Career Edge - Young Professional
2660	AIDS		Internship	Purvanshi sharma	Python programming
2661	AIDS		Internship	Radhika baheti	JavaScript
2662	AIDS		Internship	Rahul Dey	HTML5 and CSS3
2663	AIDS		Internship	Rahul pareek	Phyton for AI& Development

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2664	AIDS		Internship		UI/UX (Html5 + CSS3) Coding Internship
2665	AIDS		Internship	Ritisha sharma	Web development
2666	AIDS		Internship	Satyam Rawat	JavaScript Coding
2667	AIDS		Internship		HTML5 nd CSS3
2668	AIDS		Internship	SHIVAM YADAV	Python 101 for data science
2669	AIDS		Internship		Python 101 with data science
2670	AIDS		Internship	Shubham Sharma	Basic Web development in JS and React Js
2671	AIDS		Internship		Pytho 101 for Data science
2672	AIDS		Internship		Basic web development with HTML5 CSS3 and javascript
2673	AIDS		Internship	Sneha agarwal	Python industrial training by Tech Vision
2674	AIDS		Internship	Suhani Bhargava	Online lecture series on Emerging trends in Computer Science and Information & Communication Technology
2675	AIDS		Internship		HTML5+CSS3 online internship
2676	AIDS		Internship	Sujal jain	Suven consultants & technology Pvt.Ltd.
2677	AIDS		Internship	Tanishk Maheshwari	TEDP on Robotics Process Automation
2678	AIDS		Internship	Vartika Karora	Javascript
2679	AIDS		Internship	Vipin khatri	Python for AI and development
2680	AIDS		Internship		UI/UX (HTML5 + CSS3) Coding Internship
2681	AIDS		Internship	VISHAL SHIVHARE	D.B.M.S.
2682	AIDS		Internship	Nirmiti Porwal	Embedded system

Internshala Data (2021-22)

1	Abhishek Agrawal	Internshala	6 Weeks	https://drive.google.com/open?id=1PIo4hB54LOC9YcTzK68fQuG4B6MKEgL
2	Aditi Jain	Internshala	6 weeks	https://drive.google.com/open?id=16Satj8tyiqd4eWe-KauoyxjelmG5gaLn
3	Aditi Malhotra	Internshala	6 weeks	https://drive.google.com/open?id=16KLbglmskOT7H_eirZCD1rV8lq3IzFc4

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4	Aditya Mehta	Internshala	42 Days	https://drive.google.com/open?id=1cdriR-rHDQeLVknOJZqM_z1VfTrAQ5vc
5	ADITYA SWARNKAR	Internshala	45 DAYS	https://drive.google.com/open?id=1T0ZliF2oKA29oQHkqPTJeo9E2jhbBp_F
6	Akshat Jain	Internshala	6 week	https://drive.google.com/open?id=1L7aB8RVnJyp3y2xUmar2m_-WLwAOC906
7	Akshat Singhal	Internshala	8 week	https://drive.google.com/open?id=1xWDTXjzUsoqYgyje-aPPvcXc9IQItF69
8	Akshay Arora	Internshala	42 days	https://drive.google.com/open?id=1SgHXKPYINikIA4M_NBhgMR_TGXOqCm24
9	Akshit Jagetiya	Internshala	42 Days	https://drive.google.com/open?id=1KbJaliiQZQvNcFD8YA4qFLVypDqkETG5
10	AMAN SINGH	Internshala	40 days	https://drive.google.com/open?id=1PqespEhP22JOGIdGxK8ujhHY0V0FjD0G
11	Aniket Sharma	Internshala	6 weeks	https://drive.google.com/open?id=1XL2nICHn4ZowQIyIGsVMMTiPHltm0ncO
12	ANSH AGARWAL	Internshala	40 DAYS	https://drive.google.com/open?id=1g1FMO-7DwKUsSAo-wt7o85bfuNzrX7TU
13	Arpan Goyal	Internshala	45 Days	https://drive.google.com/open?id=1NKGEmUd2xXs7qv9pesjK99IsvZKuKjoK
14	ARPIT GUPTA	Internshala	1.5 MONTHS	https://drive.google.com/open?id=1ES645uDzYEMkhYjQu8cp0LvRT7_JVN-
15	Ashish Kumar	Internshala	6 Weeks	https://drive.google.com/open?id=14dXivrltHOYRVbtWMk5BqxTW0F5lpCNs
16	Ashish Kumar	Internshala	6 weeks	https://drive.google.com/open?id=1PALPn-p7L20d5H9eQeCjy6KifKk_3k2j
17	Ashutosh Lawania	Internshala	42 Days	https://drive.google.com/open?id=1Od6zHc3L_YEusODtUZiPUrm2ndrKJtG1
18	Ashutosh Mishra	Internshala	8 weeks	https://drive.google.com/open?id=1UrINIR7KbyYAD92miZF6vOLBvljwEVPq
19	Ayush Agarwal	Internshala	45 days	https://drive.google.com/open?id=19vH0OnW8jgpiI27b3xnDqwEpHY2gCMzH
20	Ayush Chaturvedi	Internshala	6 Weeks	https://drive.google.com/open?id=1AuWD59q1DBF27qNNsFzxElpKKkUusyZEP
21	Bhaveen Kumar Tak	Internshala	30 days	https://drive.google.com/open?id=1mGzruQEycVT1rcGpBjiX6F2HRbOANJsN
22	Bipul kumar Giri	Internshala	Six weeks	https://drive.google.com/open?id=1SBNoC4jW57Xf6BhAfs4MfDX2p_oRK3I_
23	chetan tanwar	Internshala	Six Month	https://drive.google.com/open?id=1Sd1zDxkq7eqC5W-CklBDKGll-kd4xjcg
24	Deeptanshu sharma	Internshala	6 - WEEKS	https://drive.google.com/open?id=1WkAEGU6ocUtNMDQYPRJ4qV5p74X8rhED
25	Deeptanshu sharma	Internshala	6 WEEKS	https://drive.google.com/open?id=1KogT52OQQ-tv679H0-1SuHODGz77wIo5
26	Dheeraj Javeria	Internshala	6 Weeks	https://drive.google.com/open?id=1FAfJa_BGmuLHBtHd_j18tBm-8pW0U6WI
27	DHYAN CHANDRA	Internshala	60 days	https://drive.google.com/open?id=1NocVGh79bqcRxxz0o0b5W6akxWqCm0yf

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28	Divyansh Sharma	Internshala	8 Weeks	https://drive.google.com/open?id=1enn6xyt7Qps-2oOTxGvJ3PRWCcgLH9pw
29	Divyansh Sharma	Internshala	6 weeks	https://drive.google.com/open?id=1NtIEIqa2LuqGRORfzpS3mrTRGfFCWRQ7
30	Dolly Mehta	Internshala	6 weeks	https://drive.google.com/open?id=1ImNpFPXxCuhX9UyJf1mglNODT_PyheHP
31	Dolly Mehta	Internshala	40 days	https://drive.google.com/open?id=1R6jK0oK KM-5Y9Moa6lxwtomAOHwtgxTL
32	Garvit Mittal	Internshala	8 weeks	https://drive.google.com/open?id=1ny47Dozu92db3n5NtZtn2WVGguttunap
33	Gaurav Bharadwaj	Internshala	6 Weeks	https://drive.google.com/open?id=1hc39jkHuXwy9767oo4LNxPIOIOqFxFxRxV
34	Gaurav Budhani	Internshala	6 weeks	https://drive.google.com/open?id=1PjAZcOl2EERI9XdMSK8npo9k58vLDejf
35	Gurumeet barnwal	Internshala	6	https://drive.google.com/open?id=1Xrh-fixLp1Nsaih7O8ZG3jfbog8bYnQp
36	Harkishan S Walia	Internshala	8 weeks	https://drive.google.com/open?id=1c0g71EqNxNH46aX_bmoS8T38Nb5qiauU
37	Harkishan S Walia	Internshala	8 weeks	https://drive.google.com/open?id=1JKLD1Gkj0Y9003CyIMnvyLqbO8R_09f
38	Harsh Vardhan Singh	Internshala	6 Weeks	https://drive.google.com/open?id=1UfSyt-hP9lZfVj-Tdk0oliB4hLKwe3R1
39	Harsh Vardhan Singh	Internshala	45 days	https://drive.google.com/open?id=18qwlst-r70zLlR2eOIM_JirS2_5f0wRu
40	Harshdeep Singh Songara	Internshala	6 weeks	https://drive.google.com/open?id=1aExn-XZjpAihD2-EyX2hh8uxfZuEKkix
41	Harshdeep Singh Songara	Internshala	45 days	https://drive.google.com/open?id=1o6lZ311kaIP_BcNjIwiURbe35QMmynYX
42	HARSHIT BHAT	Internshala	6 weeks	https://drive.google.com/open?id=11ksg00gu1YFxfhgAAddPHblrSadQZPOV-
43	Harshit bhat	Internshala	6 weeks	https://drive.google.com/open?id=1bOGGoOUxqwaegRSBIaE9ZeoVtyo4D2og
44	Harshita Sharma	Internshala	6 weeks	https://drive.google.com/open?id=1ic4laP9NLB5qUmdroZi3qsTCkYS-Tz9H
45	Hiranshi Malvi	Internshala	6 weeks (45days)	https://drive.google.com/open?id=1JM3D7bfUjtvME737qYx31EEWmqf7NQg0
46	Hiranshi Malvi	Internshala	45days	https://drive.google.com/open?id=1hruJAPaVtQ_2j4mH2Bx2d_hg-jRhmio5
47	Indraysh Vijay	Internshala	6 weeks	https://drive.google.com/open?id=1_axD8eZgVq6SUce_D1bltRtR7G5YjhzK
48	Indraysh Vijay	Internshala	45 days	https://drive.google.com/open?id=1FIBtupdCj8ynPyboKWVsAQzM2qX0fHnB
49	Ishika Gupta	Internshala	6 week	https://drive.google.com/open?id=1Ls3qbFV kZkva41O3s2pBts47EvIVgpkT
50	Ishika Gupta	Internshala	6 weeks	https://drive.google.com/open?id=1vabl2xso

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				AfKOxMJwXbawyQ93ywus9 -e
51	Ishu Parihar	Internshala	4weeks	https://drive.google.com/open?id=1ReFEsCTtsi-NS2E54feN-hfkOsTE6wzj
52	Ishu Parihar	Internshala	6 weeks	https://drive.google.com/open?id=1igur1DwyYk5d7RA_b008x8blaDAGV7oA
53	Ishwar verma	Internshala	1 month	https://drive.google.com/open?id=1wH52tTxm3tSQqGZUxPLDz0EaCmodZCCH
54	Janvi Jain	Internshala	6 weeks	https://drive.google.com/open?id=12fRp-j1OEc5JIyuriQ5KZa6V-Kg6NhZ5
55	Janvi Jain	Internshala	45 days	https://drive.google.com/open?id=1rNoeUs25Qg4odoeoktAOAJgPgCIqVfb2
56	Jatin Pareek	Internshala	6 Weeks	https://drive.google.com/open?id=1g56glC4q13BWvPU6bLiDZwPb1mNd9zIB
57	Jatin Pareek	Internshala	45 days	https://drive.google.com/open?id=1IpeedJhE6dJU1YWqVoaFspKvO29bRt-Y
58	JYOTI PODDAR	Internshala	6WEEK	https://drive.google.com/open?id=1RfESxxkzyD_xp3u5004NnrgCrhgkiLW
59	Jyoti Poddar	Internshala	6weeks	https://drive.google.com/open?id=1hDDSFT6y2mwjeKUh7agdt9XOxdwgKN_t
60	Kajal Goyal	Internshala	6weeks	https://drive.google.com/open?id=1jYS1qWoMqUDpIX_a4jUs3VTORtgsTpu
61	Kashish Chandra	Internshala	6 weeks (42 days)	https://drive.google.com/open?id=1myJttxF4eqfm4HqLYS6uBqVvCNIEbeV1
62	Kashish Chandra	Internshala	6 weeks	https://drive.google.com/open?id=1mBgxyb3r4Xd_o3F9a-SskeSEo1p51C-
63	Keshav Khandelwal	Internshala	8 weeks	https://drive.google.com/open?id=1gPKJYPERrFc413GgAWDMbZrSI7IL-YHu
64	Keshav Khandelwal	Internshala	8 weeks	https://drive.google.com/open?id=1kLniTNdCZjpDILKCwmJKN34J_jnbigrG
65	Kinshu kumar gupta	Internshala	42 days	https://drive.google.com/open?id=1D2mUFjAoG50L_muT3x46ufpv2VhubZg9
66	Kinshu kumar gupta	Internshala	45 days	https://drive.google.com/open?id=1TRvMitek1oVHPwPFTJh-QfJp2YCKIYIZ
67	Kuldeep Singh Dagur	Internshala	6 Weeks	https://drive.google.com/open?id=1nzqEjpNK8n6iraMafVrTyzb9KT3938XZ
68	Kuldeep Singh Dagur	Internshala	6 Weeks	https://drive.google.com/open?id=1DabIbMrO4Wmt-cm0R0RzqvLpJzN-jQW
69	Kunal Dadheech	Internshala	8 Weeks	https://drive.google.com/open?id=1y10aIWVwAsdggD-IAMRdS_zUk_FU-KD
70	Kunal Sharma	Internshala	8 weeks	https://drive.google.com/open?id=1Cgm2M8sZbKB00_z2XtgcsoeqxfX9e5BT
71	Kunal Sharma	Internshala	8 weeks	https://drive.google.com/open?id=1nkiK6vstdfwl_E5Zeit77vmjCuZAcqb
72	Lakshay Jain	Internshala	6 weeks	https://drive.google.com/open?id=1kl5G1kc8RDN6iC3fu1q_xAoYrzPyFk6v
73	Lakshya Jhalani	Internshala	2 months	https://drive.google.com/open?id=1oK9D6rYBesxc9bHbi2MG2gfnqKtgC_o0
74	Laxman Prasad Ojha	Internshala	6 weeks	https://drive.google.com/open?id=1fyJW5Z1b8znd_hxIHHNVYia0YG1zDT0m

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75	Lokender singh	Internshala	6 week	https://drive.google.com/open?id=15Xnb72tKzwRmmGb_muHzXYXoVUmrbfp2
76	Madhur Maharshi	Internshala	1.5 months	https://drive.google.com/open?id=13JdZkuNRlzVEBloReLV-YaTJv3WSTLRR
77	Madhur Maharshi	Internshala	6 week	https://drive.google.com/open?id=1z5unqcIpCIFQwAW7DC0tozx3BcH_78yB
78	Mayank Kumar	Internshala	6 weeks	https://drive.google.com/open?id=1WQm36R87U-XSc6rtnkTO0k1LUJGWsKT
79	Mayank Kumar	Internshala	6 weeks	https://drive.google.com/open?id=1rQ3oqhVoc0aZbbfmo1rQbYsY5HOoDyEu
80	Megha	Internshala	8 week	https://drive.google.com/open?id=1I1A4PnQGwOZtXynFXtp7EcOkMDMmPHWFq
81	Megha	Internshala	8 weeks	https://drive.google.com/open?id=1g-fmrghRh62zFwY4PlqhofXl5q7p6YlC
82	Mihir Dadhich	Internshala	.	https://drive.google.com/open?id=1P9_f3-ZfbR_xuxPtztcPZY0Ju2iZwckL , https://drive.google.com/open?id=1ZCoi6UuE76UtgbpzIbK9hhpzegqqYPQT
83	Mihir Dadhich	Internshala	6 weeks	https://drive.google.com/open?id=1YvoeoSPwzXuUl_Zirg3X2HC7-HpT4Pz1
84	Milan Singh Gurjar	Internshala	57 days	https://drive.google.com/open?id=1VPLY5BozPgwKAgywLdAG2I-g7ufbRqev
85	Mitul Chhipa	Internshala	6 Weeks	https://drive.google.com/open?id=1Z5CWjbYXtclKVF-r6vQT6Axi5d--bXj4
86	Mitul Chhipa	Internshala	6 week	https://drive.google.com/open?id=1bf2zyEvyWbiBe9aGFYDSYEt5xi2j_drO
87	Mohit Mathur	Internshala	6 weeks	https://drive.google.com/open?id=1qrqmXh7zn1QvaECd9AqBhB6_I5tKBOMI
88	MONIKA SAINI	Internshala	6 weeks	https://drive.google.com/open?id=1A8CoERYUfByxEwoHDpJpCjRxBqx1sjkP
89	Monika Saini	Internshala	6 weeks	https://drive.google.com/open?id=1Begn0Srzi02LdNUI3QREO75lifTcM1xt
90	Muskan Bhattar	Internshala	42 days	https://drive.google.com/open?id=1XkYR8pRNukcpgjDOW5yUkz6my8XUtYMA
91	Muskan Jalan	Internshala	45 days	https://drive.google.com/open?id=1xdHxVv9oV0o2Q5_LFUDVK_s6WVLoK61R
92	Naman jain	Internshala	38 days	https://drive.google.com/open?id=1WZ-Ye5ipyBUf7cdqIVjXPOVmAsmuxGSP
93	Nandini vyas	Internshala	45 days	https://drive.google.com/open?id=1wXch_Q3xRV4HrvUVeIcJze7FWzz9U7nD
94	Nandini vyas	Internshala	6 weeks	https://drive.google.com/open?id=1N2WhVpTpAq9Wmh_6F1didUiCdSeXciMs
95	NAVEEN SHARMA	Internshala	8 week	https://drive.google.com/open?id=1sOtGoPjoVfKtVJOG5xnSORxNh6kRIIsM
96	Nirali garg	Internshala	45 days	https://drive.google.com/open?id=1xwXt5TGhmacwzHgDm1ljIxy16NkFcfBE
97	Parishi sharma	Internshala	8 weeks	https://drive.google.com/open?id=15dbxirzUPcibGrVUtomf_tzhih1SSyP4
98	Parishi	Internshala	8 weeks	https://drive.google.com/open?id=10Ntjmmj

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	Sharma			RZM-yTwfGKeJXa4K96oSA1xGh
99	Parishi sharma	Internshala	8 weeks	https://drive.google.com/open?id=1SnslhqvpcbDpJU8A_NHVI4Fkwipg4ggN
100	PRATHAM MITTAL	Internshala	45	https://drive.google.com/open?id=14Z1gPJEiNer4Q-INsT4_ak1hIU0kdPXf
101	PRATYUSH AMRIT	Internshala	60	https://drive.google.com/open?id=1IpPo_5g2pB5iBF14qkRfCrSgvqyfv3kz
102	Pratyush Amrit	Internshala	80	https://drive.google.com/open?id=13FxmW0TyhyG4BsimNlzyYmOMXcmYG3K2
103	Prinal Gupta	Internshala	6 weeks	https://drive.google.com/open?id=1iFhWRlXQj3yyfTCjPW3yxqvYV0kOK7SN
104	Priyanshi Agrawal	Internshala	6 weeks	https://drive.google.com/open?id=1zxNXPEZaBPbEiLf0SyfpB1cGo_gbv11S
105	Pulkit khandelwal	Internshala	8 week	https://drive.google.com/open?id=1XII-Kbi6lRdJ-TdQs-AOfjo75Q7kMqpp
106	Pulkit Khandelwal	Internshala	8 week	https://drive.google.com/open?id=1kUu0S6HqMZgWk6HSInQ7DO76GJzqb-9s
107	Pulkit khandelwal	Internshala	8 week	https://drive.google.com/open?id=1W4dEJy2J-gtupO6jep0vIFg9akgIpiT6
108	Puneet kukkar	Internshala	45 days	https://drive.google.com/open?id=1VBAIpRYXVRViObwnz0b4tbISgSzxh9la
109	Puneet kukkar	Internshala	6 weeks	https://drive.google.com/open?id=1o7XC3EWcQ2oDTYUWkMqO3lo0SxoKSc3w
110	Rachit Bhargava	Internshala	48 DAYS	https://drive.google.com/open?id=1Cv49zjrmYBk8F-3WYjWrNPK3YP39rzHb
111	Raghav agarwal	Internshala	6 weeks	https://drive.google.com/open?id=1cJoXQKdGi41EbGixR2X2EjNXbh7pJG74
112	Raghav agarwal	Internshala	6 weeks	https://drive.google.com/open?id=1xxQutWE1fBWaJ9UvuFMoWyEN7EIUV5v-
113	Rahul danga	Internshala	40 days	https://drive.google.com/open?id=19IMmmFlhqwVHsIyvswWYGp5XT_BkyTAl
114	Rahul danga	Internshala	40 days	https://drive.google.com/open?id=10SBLUTtcpprYwLGKCSg6Wv5ukKtFXi_y
115	Rajat jakhar	Internshala	8week	https://drive.google.com/open?id=1gwCtzaPZh4j9zpm9a5F8gTli3wMzA8W0
116	Rajat jakhar	Internshala	8 weeks	https://drive.google.com/open?id=1H0yuXR_YnHvPjqoWZg0q9f9tYACI8peE
117	Rajshree Prajapati	Internshala	1 half month	https://drive.google.com/open?id=1F2-HOS2oWfPyDaqd-Xi4dfu1yVutLKGK , https://drive.google.com/open?id=1AvkS5BmPi8EkUo2TM6NDCRyM0TbLjELH
118	Rajshree Prajapati	Internshala	1 half month	https://drive.google.com/open?id=1VuPXJkv7g_k4UipleMNpzNBynBpWqc8P
119	Rajshree Prajapati	Internshala	45days	https://drive.google.com/open?id=1hqqY-sr1QHn4CNJg27y5fWVNqQxO1BYQ
120	Rajshree Prajapati	Internshala	44days	https://drive.google.com/open?id=1SRtdGqpY_LeSp00nUv4Tm5K5ejFCfeDX
121	Rajshree Prajapati	Internshala	6 weeks	https://drive.google.com/open?id=16NEhZsvYwQH4Z8CU_R5p8SvzAddYj0ok

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122	Ram jashnani	Internshala	15 days	https://drive.google.com/open?id=1y49j4JU1Em-dOGJGgV3x_wSDVwSOHeeb
123	Ranjeet Pankaj	Internshala	45 day's	https://drive.google.com/open?id=1y42GBiikCpcMH9TcTorbhDdiByzqJWzO , https://drive.google.com/open?id=1GqWX8fgWW0PQtvvSgi48UXb4J50S1myL
124	Ranjeet Pankaj	Internshala	45 day's	https://drive.google.com/open?id=1ICynYI1GnpodJTIGCGgvU39NW6N_Vbx7 , https://drive.google.com/open?id=1wx1gd2Zow7eXLRJ2JWktFwZ19UhkNo2l
125	Ranjeet Pankaj	Internshala	45 day's	https://drive.google.com/open?id=1hbmwWGRt098-tiD1lElhFK-Pp_AMuDQa
126	Ranjeet Pankaj	Internshala	6 weeks	https://drive.google.com/open?id=1UY9A-TVSTy1TP2qLFS5EDZn-bfrUGN92
127	Rashtrik Varnoti	Internshala	6 week	https://drive.google.com/open?id=1jNaCO7rji7Wi-W_-iQa1ITfbaKKspsI9
128	Rishab jain	Internshala	8 weeks	https://drive.google.com/open?id=1kXpJn3F5kBKdFdTZ2dAFo0RXSu1tuYPv
129	Rishab jain	Internshala	8 weeks	https://drive.google.com/open?id=1Ldfu_YeQxjPUHmHQz6VcNHirLbp5e0l2
130	Rishabh Mahla	Internshala	6 weeks	https://drive.google.com/open?id=16ZH05-zzwdunG45VbMmqkh0QTsnhxX7p
131	RITIK SHARMA	Internshala	42 Days	https://drive.google.com/open?id=11DbqSO Du2bIikECAv5KFB_--N3NEMfSE
132	RITIK SHARMA	Internshala	42 Days	https://drive.google.com/open?id=1VGP7MLbMp6wYbe2mB3YT5VTK4fsA9iSa
133	Rituraj Singh Rathore	Internshala	6 week	https://drive.google.com/open?id=1lh_yeEQOnYK82FpVWTb4TzULafrEF-Y
134	Rituraj Singh Rathore	Internshala	40 days	https://drive.google.com/open?id=1cRu_NqZ-DHhwX-RzBwXtbQvpPLOWrhs7
135	Rohan kumar	Internshala	42 days	https://drive.google.com/open?id=1wM_W6yerp9wkjVI6Q5B-V3VmJm3zOmRD
136	Rohan kumar	Internshala	6 weeks	https://drive.google.com/open?id=1ePiMVG RG68YBgKKPvVKxQOM6HV4X9xD5
137	ROHITH KUMAR SAINI	Internshala	1 month	https://drive.google.com/open?id=1mT891juK3vo20DdZgTpxFCTlEraXZq86
138	ROHITH KUMAR SAINI	Internshala	1 month	https://drive.google.com/open?id=15Qqii-T3CPz1Sr7Px3uD0jNV75Wo0tT7
139	Ronak Goyal	Internshala	7 weeks	https://drive.google.com/open?id=1yJTbPnUXgt2J4pAsyYZTVdGgYPSxnaN4
140	Ronak Goyal	Internshala	42 days	https://drive.google.com/open?id=1S53ts0XoSCapxjX-HLaYUT5NcTJC_PBg
141	SACHIT BANSAL	Internshala	6 weeks	https://drive.google.com/open?id=1fVPpQWOxP_bxE2w_Yk9C-4eNYdUG4iWd
142	Sagar Jain	Internshala	45 days	https://drive.google.com/open?id=1jHrGKpgzcRPKOdr0-uiGqO268v6mlls
143	SAKET	Internshala	3 months	https://drive.google.com/open?id=1iLNBtiqD

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	SHARMA			J7v1OZIobeDiAyvehN1OgqvE
144	Saksham arya	Internshala	6 weeks	https://drive.google.com/open?id=1pw_SUX_LuaA_0fcFPpgoDMAUK6p0QuR0k
145	Sakshi Jaiswal	Internshala	40 days	https://drive.google.com/open?id=1_bJxgzpt_aGOd5xEMRBAH5VqWDuN_iFWX
146	Sakshi Kansal	Internshala	45 days	https://drive.google.com/open?id=1reEd7aO_OzGg5Tp9-fls2NrwTQramuWQc
147	Sakshi Sharma	Internshala	40 days	https://drive.google.com/open?id=1GZncOX_TkHnOTbbY67-zDBsSQMRy0qJio
148	Sambhav Agarwal	Internshala	6week	https://drive.google.com/open?id=18pcWfIU_4dayVhnKcHODF5IHVe9alUjZE
149	Sambhav Agarwal	Internshala	6weeks	https://drive.google.com/open?id=19aJSDXy_aBZU9bcTW1F22VMKGRvVO_rCR
150	Samiksha Mathur	Internshala	40 days	https://drive.google.com/open?id=1_eVxqtfI_Tfx4nO32c-IYMcE4YihRM55
151	Sanjay Saini	Internshala	60 days	https://drive.google.com/open?id=1xxDJ9BI_OgDPpDb4CaZe_PQ5hj5UMgCLz
152	SHAIEND RA SINGH RANAWAT	Internshala	6 weeks	https://drive.google.com/open?id=18u3Efga5_fMI9paQCKiAr8n1OKAp69tCv
153	Shalin Maloo	Internshala	6 weeks	https://drive.google.com/open?id=15SHWLv_x29Jo5MCT9OLfHGRkFc-bPZQzt , https://drive.google.com/open?id=1-ucK-0A4GvdxuXGOkUBgj5TbKOZ38xJX
154	Shalin Maloo	Internshala	6 Week	https://drive.google.com/open?id=1eWuj4w0_f8ehhbVsn3wIYUioLj4-xm89v
155	Shavi bafna	Internshala	6 weeks	https://drive.google.com/open?id=1yokiY7Ff_1i9f3qWeHan7NAX_ECZuqVjg
156	SHIKHA JAT	Internshala	6 weeks	https://drive.google.com/open?id=1nzGzi7hJ_wjKMZ1xeTOWesGZeD32F6pnw
157	Shikha jat	Internshala	40 days	https://drive.google.com/open?id=1jYAzadR_xl19WjwF2pUfEv1vMfuzIHH22
158	Shivam Kalani	Internshala	6 week	https://drive.google.com/open?id=1ke8kFnW_0MsqVguIVgeYmWA_IwQmWgBIR
159	Shruti Mittal	Internshala	2 months	https://drive.google.com/open?id=1O85rY7c_swQW4lmOeQ84KFiNmQEehMGH8
160	Shruti Mittal	Internshala	2 months	https://drive.google.com/open?id=1_Ip7Kj7_WqaCkUhdo5Z_AUK-j-2d1ZZy1
161	Shubham Maheshwari	Internshala	8 weeks	https://drive.google.com/open?id=1YgkeBS2_h0yQDG4RzUnVk5X-A6oQkG60H
162	Shubham Maheshwari	Internshala	8 weeks	https://drive.google.com/open?id=1cVGGom_ioYqM4DxsaHIsU-o_MWieEl2kV
163	somya singh	Internshala	5-6 weeks	https://drive.google.com/open?id=18TTPhD_T9SH-nDyESUCMn4d4TEupi0rrA
164	Subrata Pal	Internshala	6-weeks	https://drive.google.com/open?id=1_Upu8rL_a9nqNs0JCdhvR6aI9jKRHyMoA
165	Sudeshna Pal	Internshala	1 month, 26 days	https://drive.google.com/open?id=1wJrB_9h_8OB21euAITeiRW3RXjQNCfjJS
166	Sudeshna Pal	Internshala	1	https://drive.google.com/open?id=1dxJdpN0

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			month,26 days	WqmxbnrbrhAIwZleDVL8MitGE
167	TAYADE AKSHAY ARUN	Internshala	6- WEEKS	https://drive.google.com/open?id=1xp9dx8Rvn5KCJ--fWfB1LvIkWQ9tQtul
168	Tayade Akshay Arun	Internshala	6-weeks	https://drive.google.com/open?id=1uqfjJhfcMUxpKhGSX2ILrw6NrUOKAMwL
169	Tayade Akshay Arun	Internshala	6-weeks	https://drive.google.com/open?id=1zl8ACY-kPdiL8KvNhIWN2ukAPn8wfsyh
170	Teena Gurjar	Internshala	56 days	https://drive.google.com/open?id=1wHcQbIQeyFQMEIbVC9mPq4fuOOQAtD3T
171	Tejvrat Singh Chauhan	Internshala	6 week	https://drive.google.com/open?id=100H8PZnnjnVKWbNe7FcSEipb7isJpaIo
172	Utkarsh jain	Internshala	45 days	https://drive.google.com/open?id=16Yucp_5PoEgsLIEyg7o-D_EkZDiiyGjE
173	vaibhav kabra	Internshala	45 days	https://drive.google.com/open?id=1ZHicI3Gmk2kXcidQ6y8aeDm7QdbSl-Fx
174	Vansh Jain	Internshala	45 Days	https://drive.google.com/open?id=1Jo_yC0qIA8053Dp0U9bDvz4eR2xJM-42
175	Vansh Jain	Internshala	45 days	https://drive.google.com/open?id=10QqX9uzXpYEsOlpPxoVL8K7k4I8mG0No
176	Vanshika soni	Internshala	6 week	https://drive.google.com/open?id=19zhut0PKVkbFKgGeDrfFwKXICv63_yMK
177	Vanshita Rathore	Internshala	6 weeks	https://drive.google.com/open?id=1pEOSRPunGBCZ3CIQ60Zn_1h0-xj_BPjM
178	vikas dubey	Internshala	45 DAYS	https://drive.google.com/open?id=1vh0vGwGzBg0XE-zgOjcQLeOeepDgwtmN
179	Vipul khanna	Internshala	8 weeks	https://drive.google.com/open?id=1n6AUGN_ON_32SgZDpBKdP_V2QX7W8FQU4
180	Vishal Jain	Internshala	54 days	https://drive.google.com/open?id=1S-iGkMQ0csNmhzPULYhNeEGru_yvshxb
181	Vishal jain	Internshala	6 weeks	https://drive.google.com/open?id=1DT2eYzB4F_U2MhDGEIYlkrpFQ5OJDOL7
182	Vishal labana	Internshala	30 days	https://drive.google.com/open?id=1Jj0dqXpMt8wWHbI96kvFW4WBrc_CX3UU
183	VRINDAA JOSHI	Internshala	8 weeks	https://drive.google.com/open?id=1jysWVFJNXmp1B1vOMNVkbsMhUVwxiGbw
184	Yamini Kumawat	Internshala	Six weeks	https://drive.google.com/open?id=1Cc8WqJog46Lb2tjtrvIy772G_y-73uG
185	Yash Jain	Internshala	45 days	https://drive.google.com/open?id=1rl2bjB4bHxyk31-ccChed5ai0I9fXEKM
186	Yash Soni	Internshala	45 days	https://drive.google.com/open?id=1gWiCbnxd-g3GDf48iWXom69MC4OmUVjw
187	Yash Tank	Internshala	1 months	https://drive.google.com/open?id=1IJHIQnGzdNnlAAU-a7VC6Uy3TbDI5_xm
188	Yashwant Tailor	Internshala	6weak	https://drive.google.com/open?id=1xXZ0WFFO6A1PDB6nwr7bUfBIs-vVhUtY
189	YATHART	Internshala	2 months	https://drive.google.com/open?id=1Gxc2o1R

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	H SHARMA			-aactQhKkjSAiZGMiaFfLXx81
190	Yuvraj Singh Shekhawat	Internshala	6 weeks	https://drive.google.com/open?id=1O3TJFqA8cJ-ktzq0tR9gEA0gFmuVqvgv
191	JAYESH Jhadodiya	Internshala	30 days	https://drive.google.com/file/d/1CNIHF39kL78KHHpNEhL30WVnN8i3gqBe/view?usp=sharing
192	Jitendra Singh Meena	Internshala	45 days	https://drive.google.com/file/d/1gubVIdDZk4Wav68PkXOJJyPdWR1MQzr9/view?usp=sharing
193	Khwaish	Internshala	40 days	https://drive.google.com/file/d/1A6vEKSwgEfnJ3Lav3B7DePd_8QGr12Dp/view?usp=sharing
194	Muskan Soni	Internshala	6 weeks	https://drive.google.com/file/d/18bg-Gn2Swu_oddv7sdOUfBm6mW81TkHi/view?usp=sharing
195	Naman Agrawal	Internshala	42 days	https://drive.google.com/file/d/1Q1fP_iNafawNlxNYiDzo1-osL_nYtSgm/view?usp=sharing
196	Nishant Dagar	Internshala	40 days	https://drive.google.com/file/d/19hWcdLLVJdLP8mcjzc5JX2WrqCG7itM8/view?usp=sharing
197	SAMBHAV JAIN	Internshala	70 days	https://drive.google.com/file/d/1IE8_ZVpjzUTkH6titTxMmDw7TVEQ5ct/view?usp=sharing
198	gaurav agrawal	Internshala	6 weeks	https://drive.google.com/open?id=1GIZ85F3FQ6NRFRjyXjbVHtpPkjNGhKEN
199	Harpreet Singh	Internshala	40 days	https://drive.google.com/open?id=1K0Bie1hjlojxK2oTPOAMp0iWfpBZjJULY
200	Himanshu Kapoor	Internshala	60 days	https://drive.google.com/open?id=1M5cCV0IFT8jLl_abgWO5_27s2Kv9KrP
201	Himanshu Sahu	Internshala	45days	https://drive.google.com/open?id=13G8zacdqWAvQcRdpW-iMGOaHivRYcL2w
202	Kushank Singh Sisodiya	Internshala	1 month	https://drive.google.com/open?id=1ZWdBdWaCtTpV-rcdG3cwBKV34fmnnE-n
203	Manish Sharma	Internshala	3 months	https://drive.google.com/open?id=1grfH1wl-7R4CBDHcMle30KMIhLmLVhe
204	Mohit Kumar Gupta	Internshala	6 weeks	https://drive.google.com/open?id=16tIx9GK2HXSrqnmQDlVL0DuB3LaXKM2
205	Mudit Singhal	Internshala	25 days and 1 month	https://drive.google.com/open?id=1LVu87oTOGHZ0fM_d19DMbIryG-8btOLT , https://drive.google.com/open?id=1tV3tDsiXSbdaz0SyGaJ-JjBVzAOPrn1
206	Pradhumn Singh Parihar	Internshala	8 weeks	https://drive.google.com/open?id=16dexZUxLgzSLTtvY3su2yrXOdSmQzHRP
207	Prateek Gautam	Internshala	45 days	https://drive.google.com/open?id=1ELEwnYMzPkGAefOWpGAgGqO-yNgx5HL

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208	Rajeev Soni	Internshala	45 days	https://drive.google.com/open?id=17Z2AWJ9Gc0dZzyiNws1Nbup7n2s9lqvQ
209	Rashi Gupta	Internshala	45 DAYS	https://drive.google.com/open?id=1FVtgd17EV4ev_uOCBuYFCRHqHiDIYci
210	RASHI GUPTA	Internshala	45 DAYS	https://drive.google.com/open?id=1HRw-1hR_uqEofW50bf57NQwSJ44LD8L8
211	Ronak Mathur	Internshala	45 Days	https://drive.google.com/open?id=1Lco3BW0yqzKcgFE0205rCIRtG8URddbQ
212	Saurabh Choudhary	Internshala	45 Days	https://drive.google.com/open?id=1IBHXIt1uCj0x1UB-g-rs3sCZlwtXem98
213	Saurabh Jain	Internshala	42 days	https://drive.google.com/open?id=1N8vTWJPIPtZzW_S98X4CUaPAiJRzBXTW
214	Saurabh Jain	Internshala	42 days	https://drive.google.com/open?id=1Fftu6D1FEvaQvQW4dMeoTVYrMfkyF9fi
215	Shubham Singh Rajput	Internshala	6 weeks	https://drive.google.com/open?id=1lgFo0lnLJElf3PeMAGAO29pnSFtjSqT
216	SHUBHAM SRIVASTAVA	Internshala	45 DAYS	https://drive.google.com/open?id=1Y-Oc2NHtjYxJ7QZCU0w2qGBwiLmncGYx
217	Stuti Jain	Internshala	50 DAYS	https://drive.google.com/open?id=1W11_Y9-0a9zx-1QUP-mRtaZloH1iOK7-
218	Vatsal Agarwal	Internshala	1 month	https://drive.google.com/open?id=1_YsZzOEyqDSBvQXCld-2cKgTXWml6Cd
219	Vedant Surolia	Internshala	6 weeks	https://drive.google.com/open?id=1jSvoQA8tf4yJo82mQFaVPOvwFjA-C8Y6
220	Abhinav Singh Shekhawat	Internshala	2months	https://drive.google.com/open?id=1MZkz_YR9vahgW_HmYMERg8G-x7S0nvat
221	Abhinav Singh Shekhawat	Internshala	2 months	https://drive.google.com/open?id=1v5pcONZynku9dJFDGOGkcR8Y9Q2FTB0-

Industrial Visit/Field Trip (2021-22)

S.No.	Industrial Visit/Field Trip	Name of the collaborating agency with contact details	Name of the participant	Year of collaboration
1	Field Visit	Survey Camp to , Chandwaji, Jaipur	Hetram Sharma and others	March, 2022
2	Field Visit	Visit to Jantar Mantar, Jaipur	Hetram Sharma and others	March, 2022
3	Field Visit	Visit to, CDOS, Jaipur	Hetram Sharma and others	November, 2021
4	Industrial Visit	Bhartiya Skill Development University, Jaipur	Yogesh Dubey	2022
5	Industrial Visit	Bhartiya Skill Development	Satya Prakash Saini	2022

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		University, Jaipur		
6	Industrial Visit	Bhartiya Skill Development University, Jaipur	Dr. Man Mohan Siddh	2022
7	FIELD TRIP	Bhartiya Skill Development University	Aarif Khan Pathan or 84 Students	4/20/2022



Technical Event(2021-22)

Events Name	Date	Event Description
ADAA	18 MAY 2021	Fashion is a way to experience life in front of your eyes.
Footloose	18 MAY 2021	Footloose was a three-phase solo dance competition. In the first round, the registered participants performed their prepared solo dance performances for one minute.
Bootstrapping	19 MAY 2021	Dance is the purest form of expression of all emotions. Some great words quote "Dance is the movement of the soul on rhythm." Dancing is a pious form of art cherished both by the performer and the viewer.
Navras	19 MAY 2021	A solo acting event where participants perform monoacts prepared by them.
Open-mic	18 MAY 2022	A solo event to showcase poetry, story telling or stand up comedy written by the participant themselves.
RapZap	18 MAY 2022	It was a solo round event in which rappers gave their rap performances with a time limit of 3 minutes.
Rockathon	17 MAY 2022	Rockathon was a group music band event. In this, the registered participants performed their prepared group band performances for fifteen minute each team.
Saare-Ga	19 MAY 2022	A solo singing event

National and International Conference (2021-22)

S#	Name of conference	Date	Level of conference	Relevance to Pos
1	"RACON-22"	7-8 June 2022	National	PO1, PO4, PO10, PSO1, PSO2
2	" ICAMCM-22"	17-18 June 2022	International	PO1, PO4, PO10, PSO1, PSO2
3	'Recent Trends and Smart Technologies in Electrical Engineering-2022'	20.05.2022-21.05.2022	National	PO1, PO4, PO10, PSO1, PSO2
4	Emerging Trends in Civil Engineering For Sustainable Development		National	PO1, PO4, PO10, PSO1, PSO2
5	Information Technology and Security Applications	May 14-15, 2022	National	PO1, PO4, PO10, PSO1, PSO2
6	Recent Innovations & Technological Development in Mechanical Engineering	11-12 March, 2022	International	PO1, PO4, PO10, PSO1, PSO2
7	Futuristic Trends in Mechanical Engineering	25-26 May, 2022	National	PO1, PO4, PO10, PSO1, PSO2
8	NCICT-22	28-29 May 2022	National	PO1, PO4, PO10, PSO1, PSO2

- Conferences are the great way to learn about research and development going on in respective fields. Which inspired many students to publish their own research.
- It is also a great starting point for those students who want to pursue their career in research fields.

List of publications

S.No.	Academic Year	No of Publications National Conference	No of Publications International Conference
1	2021-22	640	382

Utilization and its effectiveness:

- The overall aim of this review is to evaluate the effectiveness of self-directed learning on the professional development of students.
- Most of the students reached to a conclusion that self-learning process is an effective approach for learning but not more than the traditional method of teaching.
- Students are motivated to improve their initiation in reaching their goals.
- Students are able to scan through the reading material available to them.
- Many of the needs of students are best met by learning process. The students are encouraged to learn by themselves for their present and future needs.
- Students are able to do better in competitive examinations and get placed in suitable companies.

9.5 Career Guidance, Training, Placement(10)

(The institution may specify the facility, its management and its effectiveness for career guidance including counseling for higher studies, campus placement support, industry interaction for training/internship/placements, etc.)

Professional Guidance:

We provide opportunities to students to improve placement percentage like interactions with MNC, Exhibition to provide internship.

Campus Placement Support/Training:

A training and placement cell is established and responsible for campus placement (off campus also) and training which improve students skills both technical and behavioral. A cell provides various opportunities for student placements and organizes sessions / training programs.

Training in Institute:

Year	Name of event	Object of event	No. of students participated	Date of event
2021-22	Pre placement training by Face	Bridging gap between academics & Industry	652	1/7/2021-18/8/2021

Entrepreneurship

Institute has a cell which improve entrepreneurship development skills in students by doing activities such as seminars, workshops and awareness camps.(Entrepreneurship and incubation).

- To improve Entrepreneurship skills in students.
- Cell conducts many workshops and awareness camps for students.
- Cell has incubation center and associated with startups.
- Cell schedules interactions with alumni startups.

Government Job Cell

Government job cell established in our institute in the year 2016, to prepare students towards different competitive examinations. In this cell we encourage and inspire students for competitive examination by doing activities like interactive sessions with central government head, NBS head.

Industry Visit

We schedule industry visits for students so they can see and learn technologies in industry also observe professional environment in industry. It helps to bridge gap between industry and academics. Students learn about latest platforms to be work upon.

Industrial Visit/Field Trip (2021-22)

S.No.	Industrial Visit/Field Trip	Name of the collaborating agency with contact details	Name of the participant	Year of collaboration
1	Field Visit	Survey Camp to , Chandwaji, Jaipur	Hetram Sharma and others	March, 2022
2	Field Visit	Visit to Jantar Mantar, Jaipur	Hetram Sharma and others	March, 2022
3	Field Visit	Visit to, CDOS, Jaipur	Hetram Sharma and others	November, 2021
4	Industrial Visit	Bhartiya Skill Development University, Jaipur	Yogesh Dubey	2022
5	Industrial Visit	Bhartiya Skill Development University, Jaipur	Satya Prakash Saini	2022
6	Industrial Visit	Bhartiya Skill Development University, Jaipur	Dr. Man Mohan Siddh	2022
7	FIELD TRIP	Bhartiya Skill Development University	Aarif Khan Pathan or 84 Students	4/20/2022

All round development:

Many technical events like conferences and workshops are organized in the institute to improve and present technical skills of students.

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- National level competitions for students like Smart India Hackathon were held in institute.
- To prepare teams a faculty guide was assigned to a particular team and an intra college competition like JECRC hackathon was organized to check, improve technical skills level of shortlisted teams.

S.No.	Year	Department	Name of the workshop/ seminar/Conferences	Number of Participants	Date (From – To)	Report Link
1	2021-22	ECE	2-Days Workshop cum Hands-on Practice on "Embedded System"	164	05-06, October 2021	Link
2	2021-22	ECE	One day Seminar on "Career Guidance & Future Opportunities After Engineering"	68	24-02-2022	Link
3	2021-22	ECE	Two days National Seminar on "DEMYSTIFYING THE ROLE OF AI & CYBER SECURITY FOR INDUSTRY 5.0"	123	2-3 February 2022	Link
4	2021-22	ECE	National Conference "RACON-22"	210	7-8 June 2022	Link
5	2021-22	ECE	International Conferences "ICAMCM-22"	98	17-18 June 2022	Link
6	2021-22	ECE	ATAL sponsored 5-Days FDP on "Advanced Sensor Technology for Efficient Biomedical and Energy Management in Smart Cities"	128	3-7 January 2022	Link
7	2021-22	ECE	One Day Workshop on "Learn to code, Design the future"	116	3 March 2022	Link
8	2021-22	ECE	Project Exhibition on Embedded System & Its Application	112	8 December 2021	Link
9	2021-22	ECE	2Days Workshops on "AI/ML Algorithms & Applications in VLSI Design & Technology"	45	28th 29th Nov 21`	Link

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10	2021-22	ECE	2Days Workshops on "Emerginbg Trends in Nanotechnology"	41	21/08/2020-22/08/2020	Link
11	2021-22	ECE	3 Days Workshop on "Introduction of Python and Its application in various fields of Engineering"	60	7th to 9th sept 2021	Link
12	2021-22	ECE	3 days workshop on "DevOps"	45	7th to 9th feb 2022	Link
13	2021-22	ECE	3 days workshop on "Role of Angular JS in Web Development"	41	20th to 22nd Sept 2021	Link
14	2021-22	ECE	3 days workshop on "basics of HTML and CSS"	43	13th to 15th sept 2021	Link
15	2021-22	ECE	3Days workshop on "introduction to React for Advance Web Development"	46	22nd to 25th feb 2022	Link
16	2021-22	ECE	3 Days workshop on Introduction of Embedded System and IoT	60	8th-10 November 2021	Link
17	2021-22	ECE	3 Dyas Workshop on Advanced Internet of Things and cloud Solutions	57	22th - 24th November 2021	Link
18	2021-22	ECE	3 Days hands on work shop on Applications of IoT in Robotics and Cloud Computing	75	13th -15th December 2021	Link
19	2021-22	ECE	3 Days workshop on Designing and assembling of Quadcopter using Embedded System	82	4th- 6th April 2022	Link
20	2021-22	ECE	3 Days workshop on Advanced Robotics Manufacturing using 3-D printing and its challenges	72	25th- 27th April 2022	Link
21	2021-22	ECE	Workshop on Machine Learning using Python	55	9th-10th August 2021	Link
22	2021-22	ECE	Workshop on Principles of Data Science	63	26th-27th August 2021	Link
23	2021-	ECE	Workshop on	47	6th-7th	Link

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	22		Introduction to Deep Learning and its applications		January 2022	
24	2021-22	ECE	Workshop on Role of Artificial Intelligence in Electronics Engineering	56	18th-19th January 2022	Link
25	2021-22	ECE	Workshop on MATLAB basics used in machine learning applications on Image Processing	72	27th-28th January 2022	Link
26	2021-22	ECE	Workshop on IOT	55	24/01/2022 to 28/01/2022.	Link
27	2021-22	ECE	Two days workshop on Artificial Intelligence and Neural Network	174	19-20 Jan,2021	Link
28	2021-22	ECE	Design and Optimization of Solar PV System	55	03/10/2021 to 07/10/2021	Link
29	2021-22	ECE	Two days online workshop on "Workshop on Embedded and IOT"	41	09/05/2022-10/05/2022	Link
30	2021-22	ECE	A Seminar on "Robotics and automation in Industries"	79	10 December 2021	Link
31	2021-22	First Year	One Day Webinar on "Ethical Hacking & Information Security"	94	14 February 2022	Link
32	2021-22	First Year	Expert Talk on "Solid State Sulfer Batteries: An Alternate of Li-ion Battery"	252	9 February 2022	Link
33	2021-22	First Year	Two Days Workshop on Circuit Designing- (Phase I (ECE,EE))	150	10-11 Dec,2021	Link
34	2021-22	First Year	Two Days Workshop on Circuit Designing - Phase II (CSE,IT)	148	10-11 Jan.,2022	Link
35	2021-22	First Year	Two Days Workshop on Circuit Designing - Phase III(AIDS, CE, ME)	130	21-22 Jan.,2022	Link
36	2021-22	First Year	Two Days Workshop on Introduction of C Programming -(Phase I	140	24-25 March,22	Link

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			(ECE,EE)			
37	2021-22	First Year	Two Days Workshop on Introduction of C Programming -Phase II (CSE,IT)	160	4-6 April,22	Link
38	2021-22	First Year	Two Days Workshop on Introduction of C Programming -Phase III (AIDS, CE, ME)	105	18-19 April,22	Link
39	2021-22	First Year	Seminar on Sustainable Nano Carbons as potential sensors for safe waters-Phase I	102	23 April 2022	Link
40	2021-22	First Year	Seminar on Sustainable Nano Carbons as potential sensors for safe waters-Phase II	93	25 May 2022	Link
41	2021-22	CSE	Workshop On Web Chat Bot (Voice Control Personal Assistant)	177	12 August 2021	Link
42	2021-22	CSE	Workshop on Machine learning with Python	96	1 September 2021	Link
43	2021-22	CSE	Workshop on Web development with Django	85	16 November 2021	Link
44	2021-22	CSE	SDP Programming with C	16	23-28 May 2022	Link
45	2021-22	CSE	NCICT-22	250	28-29 May 2022	Link
46	2021-22	CSE	Workshop on Advance Python	95	22 March 2022	Link
47	2021-22	CSE	WORKSHOP ON DATA SCIENCE & ANALYTICS	60	April 26th , 2022	Link
48	2021-22	CSE	Workshop on Machine Learning	90	7th April 2022	Link
49	2021-22	CSE	Workshop on Software Testing	249	30th March,2022	Link
50	2021-22	CSE	Workshop on Web Chat (Application Project)	180	20-Apr-22	Link
51	2021-22	CSE	Workshop on Django	97	5th May 2022	Link
52	2021-22	EE	One Day Seminar on "Career Seminar by Made Easy"	45	30-04-2022	Link
53	2021-22	EE	One Day Webinar on" How to Crack GATE /	59	29-04-2022	Link

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			PSU exams"			
54	2021-22	EE	ICT based Short Term Course on 'Basics of hardware in loop Simulation'.	8	02/05/2022 to 06/05/2022	Link
55	2021-22	EE	Seminar on Teacher's Day	35	06.9.2021	Link
56	2021-22	EE	Seminar on Engineer's Day	38	15.9.2021	Link
57	2021-22	EE	Guest Lecture on World Heart Day	55	29.9.2022	Link
58	2021-22	EE	two Days Workshop on Solar PV System	26	27-28 Sep - 2021	Link
59	2021-22	EE	Workshop on IOT and Python	29	04.10.2021-18.10.2021	Link
60	2021-22	EE	Workshop on C Programming Language	30	01.02.2022-28.02.2022	Link
61	2021-22	EE	Seminar on National Science Day	39	28.02.2022	Link
62	2021-22	EE	Workshop on Embedded System	33	01.03.2022	Link
63	2021-22	EE	4th National Conference on 'Recent Trends and Smart Technologies in Electrical Engineering-2022'	95	20.05.2022-21.05.2022	Link
64	2021-22	CE	4th National Conference on Emerging Trends in Civil Engineering For Sustainable Development	25	17-18 June,2022	Link
65	2021-22	CE	A Guest Lecture on "Importance of AutoCAD & 3ds Max"	61	06Jan,2022	Link
66	2021-22	CE	A Guest Lecture on "Importance of BIM & STAAD pro"	69	08Jan,2022	Link
67	2021-22	CE	A Guest Lecture on "Importance of Civil Software & Internship	44	04Jan,2022	Link
68	2021-22	CE	3D printing in Construction and Its Application for 2nd year students(Phase-1)	23	08 Nov, 2021 to 09 Nov, 2021	Link
69	2021-22	CE	3D printing in Construction and Its	25	10 Nov, 2021 to 11	Link

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			Application for 3rd year students(Phase-2)		Nov, 2021	
70	2021-22	CE	3D printing in Construction and Its Application for 4th year students(Phase-3)	18	12th Nov., 2021 to 13th Nov. 2021	Link
71	2021-22	CE	Online 3-day workshop on "Covid Carc and Immunity Enhancement	500	July 8-10, 2021	Link
72	2021-22	CE	One Day Workshop on "Virtual Lab"	765	Oct.12,2021	Link
73	2021-22	CE	Webinar on Scope of Cad and Structure Software in Civil Engineering	19	Mar 10, 2022	Link
74	2021-22	IT	One Day Workshop on Digital Marketing with Website Design & Development	65	Oct 11, 2021	Link
75	2021-22	IT	One Day Workshop on Machine Learning	46	Jan 25, 2022	Link
76	2021-22	IT	Two Day Workshop on DevOpps	66	April 25-26, 2022	Link
77	2021-22	IT	Webinar on Ethical Hacking and Cyber Security	132	Feb 12, 2022	Link
78	2021-22	IT	Seminar on Career Counselling	84	March 30, 2022	Link
79	2021-22	IT	Seminar On "Future Force in Salesforce"	74	April 9, 2022	Link
80	2021-22	IT	4th National Conference on Information Technology and Security Applications	90	May 14-15, 2022	Link
81	2021-22	ME	4th International Conference on Recent Innovations &Technological Development in Mechanical Engineering	284	11-12 March,2022	Link
82	2021-22	ME	6th National Conference on FuturisticTrends in Mechanical Engineering	90	25-26 May,2022	Link
83	2021-	ME	One Week Workshop	45	30.05.2022	Link

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	22		on Hybrid and Advanced Electric Vehicles		to 04.06.2022	
84	2021-22	ME	One Week Workshop on Conventional & Electric Two-Wheeler: A Comparison	33	09.05.2022 to 15.05.2022	Link
85	2021-22	ME	One Week Workshop on Battery Powered Vehicle: Working & Assembly	37	04.05.2022 to 10.05.2022	Link
86	2021-22	ME	One Week Workshop on Fundamentals and Application of Additive Manufacturing	68	25.04.2022 to 30.04.2022	Link
87	2021-22	ME	One Week Workshop on Additive Manufacturing: Different Technologies	64	04.04.2022 to 09.04.2022	Link
88	2021-22	ME	One Week Workshop on Modeling and Simulation Using Ansys	35	07.02.2022 to 12.02.2022	Link
89	2021-22	ME	One Week Workshop on SolidWorks: Design and Simulation	45	17.01.2022 to 22.01.2022	Link
90	2021-22	ME	One Week Workshop on E-Vehicles: Power Storage & Transmission System	55	09.09.2021 to 15.09.2021	Link
91	2021-22	ME	One Week Workshop on Parametric Modeling Using Creo: An Introduction	40	09.09.2021 to 15.09.2021	Link
92	2021-22	ME	One Week Workshop on Electric Vehicle	45	01.09.2021 to 07.09.2021	Link
93	2021-22	ME	One Week Workshop on Online AutoCAD for Engineers	35	01.09.2021 to 07.09.2021	Link
94	2021-22	ME	One Week Workshop on 3D Printing: An Introduction	49	05.07.2021 to 10.07.2021	Link
95	2021-22	ME	A Webinar on "Simulation and Development of Hybrid Electric Vehicle"	47	09.09.2021	Link
96	2021-22	ME	A Guest Lecture on "Boundary Layer-Heat	41	09.10.2021	Link

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Transfer Phase-1"						
97		ME	A Guest Lecture on "Boundary Layer-Heat Transfer Phase-2"	41	16.10.2021	
98	2021-22	ME	A Guest Lecture on "Design of Leaf Spring"	64	24.11.2021	Link
99	2021-22	ME	A Webinar on "E-vehicles: state of the art and prospects"	48	15.01.2022	Link
100	2021-22	ME	A Webinar on "Industry 4.0 & role of mechanical engineers"	65	12.02.2022	Link
101	2021-22	ME	A Webinar on "How to extend the roller bearing life cycle and improve its performance"	48	15.02.2022	Link
102	2021-22	ME	A Webinar on "Pressure Vessels"	47	17.02.2022	Link
103	2021-22	ME	A Guest Lecture on "Career Opportunities for Graduate Engineers"	42	30.03.2022	Link
104	2021-22	ME	A Guest Lecture on "Refrigeration Accessories"	40	04.04.2022	Link
105	2021-22	ME	A Guest Lecture on "AutoCAD and CNC Software"	40	13.05.2022	Link
106	2021-22	IQAC	One week FDP on "NBA Accreditation through Outcome based Education" conducted by Media Eng. Dept. in association with JECRC IQAC cell.	59	21/02/2022 to 25/02/2022	Link
107	2021-22	College Level	AICTE-UKIERI Further Education Leadership and Management Training Programme cumworkshop Phase-1	15	23-26 Nov.,21	Link
108	2021-22	College Level	AICTE-UKIERI Further Education Leadership and Management Training Programme cumworkshop Phase-2	9	21-24 Feb.,22	

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109	2021-22	College Level	AICTE-UKIERI Further Education Leadership and Management Training Programme cumworkshop Phase-3	9	21-23 March,22	
110	2021-22	SRC	Webinar Meditation for Emotional Stability	163	27-28 Aug, 2021	Link
111	2021-22	SRC	One Week Online Workshop on Mediation Course I	27	1-8 Sep, 2021	Link
112	2021-22	SRC	Webinar on Enlightenment	215	5-6 Oct, 2021	Link
113	2021-22	SRC	One Week Online Workshop on Mediation Course II	14	8-14 Oct, 2021	Link
114	2021-22	SRC	Three days Workshop on Exploring the Sub-Conscious	12	21-23 Dec, 2021	Link
115	2021-22	SRC	Webinar on Enhancing Emotionl Immunity	324	21-25 Feb, 2022	Link
116	2021-22	SRC	One Week Online Workshop on Meditation Course III	97	3-7 March, 2022	Link
117	2021-22	SRC	Webinar Study Techniques and Time Management	153	18 April, 2021	Link
118	2021-22	SRC	Expert Talk cum Seminar on Act of Goodness	25	26 April, 2022	Link
119	2021-22	SRC	One Week Online Workshop on Meditation Course IV	110	1- 7 May, 2022	Link
120	2021-22	SRC	Expert Talk cum Seminar on International Day of Yoga	35	21 June, 2022	Link
121	2021-22	AIDS	GUEST LECTURE ON MACHINE LEARNING USING PYTHON	69	November 15th , 2021	Link
122	2021-22	AIDS	Workshop on Resume Building	62	20th December 2021	Link
123	2021-22	AIDS	AR Arena Session on Filter Making	87	6th February 2022	Link
124	2021-22	AIDS	VALORANT TOURNAMENT	55	13/05/2022	Link

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			EVENT: Encouraging teamwork and Skill development program			
125	2021-22	AI DS	Learning Program cum Workshop Wrap-Up Event	60	22nd April 2022	Link
126	2021-22	AI DS	Workshop on Go Code	60	14/4/2022	Link
127	2021-22	AI DS	Seminar and quiz competition on National Science Day	69	February 28th 2022	Link
128	2021-22	AI DS	Smart India Hackathon SIH 2022	390	25-26 March,2022	Link
129	2021-22	Incubation cell	4 Months Incubation Program cum workshop on Entrepreneurship	280	24 th April-31 st October	Link
130	2021-22	AI DS	Faculty Enablement Program on Artificial Intelligence	2	06 June to 10 June 2022	Link
131	2021-22	AI DS	TTT Program on Java Programming Using Spring Board Platform (Phase-1)	2	6 Sept to 10 Sept 2021	Link
132	2021-22	AI DS	TTT Program on Java Programming Using Spring Board Platform (Phase-2)	3	21 Sept to 23 Sept 2021	Link
133	2021-22	AI DS	Faculty Enablement Program on Programming Fundamentals of Python Using Spring Board Platform	2	13 June to 17 June 2022	Link
134	2021-22	AI DS	Student Development Program on Python, DBMS, OOPs, DSA and JAVA using Spring Board Platform	271	10th January to 15th January 2022	Link
135	2021-22	CSE,IT,ECE,ME,CEE	Access to Coding Ninjas Course Cum Workshop introduction to programming".	1510	April-June,2022	Link
136	2021-22	College Level	3 Days FDP on "DRONACHARYA-Teaching Skills for Building Excellence"	27	26/04/2022 to 28/04/2022	Link

9.6. Entrepreneurship Cell (5)

Entrepreneurship cell is established in mentorship of Mr. Siddharth Chaturvedi, our College for encouraging and inspiring students for start-ups and entrepreneur. Various interactive sessions for students with alumni and start-up representative are organized to know the importance of being an entrepreneur and ways to get financial assistance to become an entrepreneur.

Cell is responsible for:

- Relationship with companies:
 - ❖ Company like celebal tech has visited our campus for 2017-18 batch placements and this company is owned by jecrc alumni.
 - ❖ Backbone softwares also visited jecrc campus and owned by JECRC alumni.(2010 batch)
- Motivate students, guide and help them in the same direction.

9.7. Co-curricular and Extra-curricular Activities (10)

Co-curricular Activities:

3.1.3 Number of Seminars/conferences/workshops conducted by the institution during the year 2021-22

S.No.	Year	Department	Name of the workshop/ seminar/Conferences	Number of Participants	Date (From – To)	Report Link
1	2021-22	ECE	2-Days Workshop cum Hands-on Practice on "Embedded System"	164	05-06, October 2021	Link
2	2021-22	ECE	One day Seminar on "Career Guidance & Future Opportunities After Engineering"	68	24-02-2022	Link
3	2021-22	ECE	Two days National Seminar on "DEMYSTIFYING THE ROLE OF AI & CYBER SECURITY FOR INDUSTRY 5.0"	123	2-3 February 2022	Link
4	2021-22	ECE	National Conference "RACON-22"	210	7-8 June 2022	Link
5	2021-22	ECE	International Conferences " ICAMCM-22"	98	17-18 June 2022	Link
6	2021-22	ECE	ATAL sponsored 5-Days FDP on "Advanced	128	3-7 January	Link

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			Sensor Technology for Efficient Biomedical and Energy Management in Smart Cities"		2022	
7	2021-22	ECE	One Day Workshop on "Learn to code, Design the future"	116	3 March 2022	Link
8	2021-22	ECE	Project Exhibition on Embedded System & Its Application	112	8 Decemb er 2021	Link
9	2021-22	ECE	2Days Workshops on "AI/ML Algorithms & Aplications in VLSI Desgin & Technology	45	28th 29th Nov 21`	Link
10	2021-22	ECE	2Days Workshops on "Emerginbg Trends in Nanotechnology"	41	21/08/20 20-22/08/20 20	Link
11	2021-22	ECE	3 Days Workshop on" "Introduction of Python and Its application in various fields of Engineering"	60	7th to 9th sept 2021	Link
12	2021-22	ECE	3 days workshop on "DevOps"	45	7th to 9th feb 2022	Link
13	2021-22	ECE	3 days workshop on "Role of Angular JS in Web Development"	41	20th to 22nd Sept 2021	Link
14	2021-22	ECE	3 days workshop on"basics of HTML and CSS"	43	13th to 15th sept 2021	Link
15	2021-22	ECE	3Days workshop on "introduction to React for Advance Web Development"	46	22nd to 25th feb 2022	Link
16	2021-22	ECE	3 Days workshop on Introduction of Embedded System and IoT	60	8th-10 Novemb er 2021	Link
17	2021-22	ECE	3 Dyas Workshop on Advanced Internet of Things and cloud Solutions	57	22th - 24th Novemb er 2021	Link
18	2021-22	ECE	3 Days hands on work shop on Applications of IoT in Robotics and Cloud Computing	75	13th - 15th Decemb er 2021	Link

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19	2021-22	ECE	3 Days workshop on Designing and assembling of Quadcopter using Embedded System	82	4th- 6th April 2022	Link
20	2021-22	ECE	3 Days workshop on Advanced Robotics Manufacturing using 3-D printing and its challenges	72	25th-27th April 2022	Link
21	2021-22	ECE	Workshop on Machine Learning using Python	55	9th-10th August 2021	Link
22	2021-22	ECE	Workshop on Principles of Data Science	63	26th-27th August 2021	Link
23	2021-22	ECE	Workshop on Introduction to Deep Learning and its applications	47	6th-7th January 2022	Link
24	2021-22	ECE	Workshop on Role of Artificial Intelligence in Electronics Engineering	56	18th-19th January 2022	Link
25	2021-22	ECE	Workshop on MATLAB basics used in machine learning applications on Image Processing	72	27th-28th January 2022	Link
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29	2021-22	ECE	Two days online workshop on "Workshop on Embedded and IOT"	41	09/05/2022-10/05/2022	Link
30	2021-22	ECE	A Seminar on " Robotics and automation in Industries"	79	10 Decemb er 2021	Link
31	2021-22	First Year	One Day Webinar on" Ethical Hacking & Information Security"	94	14 Februar y 2022	Link
32	2021-	First Year	Expert Talk on " Solid	252	9	Link

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	22		State Sulfer Batteries: An Alternate of Li-ion Battery"		February 2022	
33	2021-22	First Year	Two Days Workshop on Circuit Designing-(Phase I (ECE,EE)	150	10-11 Dec,2021	Link
34	2021-22	First Year	Two Days Workshop on Circuit Designing -Phase II (CSE,IT)	148	10-11 Jan.,2022	Link
35	2021-22	First Year	Two Days Workshop on Circuit Designing -Phase III(AIDS, CE, ME)	130	21-22 Jan.,2022	Link
36	2021-22	First Year	Two Days Workshop on Introduction of C Programming -(Phase I (ECE,EE)	140	24-25 March,22	Link
37	2021-22	First Year	Two Days Workshop on Introduction of C Programming -Phase II (CSE,IT)	160	4-6 April,22	Link
38	2021-22	First Year	Two Days Workshop on Introduction of C Programming -Phase III (AIDS, CE, ME)	105	18-19 April,22	Link
39	2021-22	First Year	Seminar on Sustainable Nano Carbons as potential sensors for safe waters-Phase I	102	23 April 2022	Link
40	2021-22	First Year	Seminar on Sustainable Nano Carbons as potential sensors for safe waters-Phase II	93	25 May 2022	Link
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44	2021-22	CSE	SDP Programming with C	16	23-28 May 2022	Link
45	2021-22	CSE	NCICT-22	250	28-29 May 2022	Link
46	2021-22	CSE	Workshop on Advance Python	95	22 March	Link

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					2022	
47	2021-22	CSE	WORKSHOP ON DATA SCIENCE & ANALYTICS	60	April 26th, 2022	Link
48	2021-22	CSE	Workshop on Machine Learning	90	7th April 2022	Link
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59	2021-22	EE	Workshop on IOT and Python	29	04.10.2021-18.10.2021	Link
60	2021-22	EE	Workshop on C Programming Language	30	01.02.2022-28.02.2022	Link
61	2021-22	EE	Seminar on National Science Day	39	28.02.2022	Link
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63	2021-22	EE	4th National Conference on 'Recent Trends and Smart Technologies in Electrical Engineering-	95	20.05.2022-21.05.2022	Link

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2022'						
64	2021-22	CE	4th National Conference on Emerging Trends in Civil Engineering For Sustainable Development	25	17-18 June,2022	Link
65	2021-22	CE	A Guest Lecture on "Importance of AutoCAD & 3ds Max"	61	06Jan,2022	Link
66	2021-22	CE	A Guest Lecture on "Importance of BIM & STAAD pro"	69	08Jan,2022	Link
67	2021-22	CE	A Guest Lecture on "Importance of Civil Software & Internship"	44	04Jan,2022	Link
68	2021-22	CE	3D printing in Construction and Its Application for 2nd year students(Phase-1)	23	08 Nov, 2021 to 09 Nov, 2021	Link
69	2021-22	CE	3D printing in Construction and Its Application for 3rd year students(Phase-2)	25	10 Nov, 2021 to 11 Nov, 2021	Link
70	2021-22	CE	3D printing in Construction and Its Application for 4th year students(Phase-3)	18	12th Nov., 2021 to 13th Nov. 2021	Link
71	2021-22	CE	Online 3-day workshop on "Covid Carc and Immunity Enhancement"	500	July 8-10, 2021	Link
72	2021-22	CE	One Day Workshop on "Virtual Lab"	765	Oct.12,2021	Link
73	2021-22	CE	Webinar on Scope of Cad and Structure Software in Civil Engineering	19	Mar 10, 2022	Link
74	2021-22	IT	One Day Workshop on Digital Marketing with Website Design & Development	65	Oct 11, 2021	Link
75	2021-22	IT	One Day Workshop on Machine Learning	46	Jan 25, 2022	Link
76	2021-22	IT	Two Day Workshop on DevOpps	66	April 25-26, 2022	Link
77	2021-22	IT	Webinar on Ethical Hacking and Cyber Security	132	Feb 12, 2022	Link
78	2021-	IT	Seminar on Career	84	March	Link

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	22		Counselling		30, 2022	
79	2021-22	IT	Seminar On “Future Force in Salesforce”	74	April 9, 2022	Link
80	2021-22	IT	4th National Conference on Information Technology and Security Applications	90	May 14-15, 2022	Link
81	2021-22	ME	4th International Conference on Recent Innovations & Technological Development in Mechanical Engineering	284	11-12 March, 2022	Link
82	2021-22	ME	6th National Conference on Futuristic Trends in Mechanical Engineering	90	25-26 May, 2022	Link
83	2021-22	ME	One Week Workshop on Hybrid and Advanced Electric Vehicles	45	30.05.2022 to 04.06.2022	Link
84	2021-22	ME	One Week Workshop on Conventional & Electric Two-Wheeler: A Comparison	33	09.05.2022 to 15.05.2022	Link
85	2021-22	ME	One Week Workshop on Battery Powered Vehicle: Working & Assembly	37	04.05.2022 to 10.05.2022	Link
86	2021-22	ME	One Week Workshop on Fundamentals and Application of Additive Manufacturing	68	25.04.2022 to 30.04.2022	Link
87	2021-22	ME	One Week Workshop on Additive Manufacturing: Different Technologies	64	04.04.2022 to 09.04.2022	Link
88	2021-22	ME	One Week Workshop on Modeling and Simulation Using Ansys	35	07.02.2022 to 12.02.2022	Link
89	2021-22	ME	One Week Workshop on SolidWorks: Design and Simulation	45	17.01.2022 to 22.01.2022	Link
90	2021-22	ME	One Week Workshop on E-Vehicles: Power Storage & Transmission System	55	09.09.2021 to 15.09.2021	Link
91	2021-	ME	One Week Workshop on	40	09.09.20	Link

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	22		Parametric Modeling Using Creo: An Introduction		21 to 15.09.2021	
92	2021-22	ME	One Week Workshop on Electric Vehicle	45	01.09.2021 to 07.09.2021	Link
93	2021-22	ME	One Week Workshop on Online AutoCAD for Engineers	35	01.09.2021 to 07.09.2021	Link
94	2021-22	ME	One Week Workshop on 3D Printing: An Introduction	49	05.07.2021 to 10.07.2021	Link
95	2021-22	ME	A Webinar on "Simulation and Development of Hybrid Electric Vehicle"	47	09.09.2021	Link
96	2021-22	ME	A Guest Lecture on "Boundary Layer-Heat Transfer Phase-1"	41	09.10.2021	Link
97		ME	A Guest Lecture on "Boundary Layer-Heat Transfer Phase-2"	41	16.10.2021	
98	2021-22	ME	A Guest Lecture on "Design of Leaf Spring"	64	24.11.2021	Link
99	2021-22	ME	A Webinar on "E-vehicles: state of the art and prospects"	48	15.01.2022	Link
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105	2021-22	ME	A Guest Lecture on "AutoCAD and CNC Software"	40	13.05.2022	Link
106	2021-22	IQAC	One week FDP on "NBA Accreditation through	59	21/02/2022 to	Link

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			Outcome based Education” conducted by Media Eng. Dept. in association with JECRC IQAC cell.		25/02/2022	
107	2021-22	College Level	AICTE-UKIERI Further Education Leadership and Management Training Programme cumworkshop Phase-1	15	23-26 Nov.,21	
108	2021-22	College Level	AICTE-UKIERI Further Education Leadership and Management Training Programme cumworkshop Phase-2	9	21-24 Feb.,22	Link
109	2021-22	College Level	AICTE-UKIERI Further Education Leadership and Management Training Programme cumworkshop Phase-3	9	21-23 March,22	
110	2021-22	SRC	Webinar Meditation for Emotional Stability	163	27-28 Aug, 2021	Link
111	2021-22	SRC	One Week Online Workshop on Mediation Course I	27	1-8 Sep, 2021	Link
112	2021-22	SRC	Webinar on Enlightenment	215	5-6 Oct, 2021	Link
113	2021-22	SRC	One Week Online Workshop on Mediation Course II	14	8-14 Oct, 2021	Link
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117	2021-22	SRC	Webinar Study Techniques and Time Management	153	18 April, 2021	Link
118	2021-22	SRC	Expert Talk cum Seminar on Act of Goodness	25	26 April, 2022	Link
119	2021-22	SRC	One Week Online Workshop on Meditation Course IV	110	1-7 May, 2022	Link

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120	2021-22	SRC	Expert Talk cum Seminar on International Day of Yoga	35	21 June, 2022	Link
121	2021-22	AI DS	GUEST LECTURE ON MACHINE LEARNING USING PYTHON	69	November 15th, 2021	Link
122	2021-22	AI DS	Workshop on Resume Building	62	20th December 2021	Link
123	2021-22	AI DS	AR Arena Session on Filter Making	87	6th February 2022	Link
124	2021-22	AI DS	VALORANT TOURNAMENT EVENT: Encouraging teamwork and Skill development program	55	13/05/2022	Link
125	2021-22	AI DS	Learning Program cum Workshop Wrap-Up Event	60	22nd April 2022	Link
126	2021-22	AI DS	Workshop on Go Code	60	14/4/2022	Link
127	2021-22	AI DS	Seminar and quiz competition on National Science Day	69	February 28th 2022	Link
128	2021-22	AI DS	Smart India Hackathon SIH 2022	390	25-26 March, 2022	Link
129	2021-22	Incubation cell	4 Months Incubation Program cum workshop on Entrepreneurship	280	24th April-31st October	Link
130	2021-22	AI DS	Faculty Enablement Program on Artificial Intelligence	2	06 June to 10 June 2022	Link
131	2021-22	AI DS	TTT Program on Java Programming Using Spring Board Platform (Phase-1)	2	6 Sept to 10 Sept 2021	Link
132	2021-22	AI DS	TTT Program on Java Programming Using Spring Board Platform (Phase-2)	3	21 Sept to 23 Sept 2021	Link
133	2021-22	AI DS	Faculty Enablement Program on Programming Fundamentals of Python Using Spring Board Platform	2	13 June to 17 June 2022	Link

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134	2021-22	AI DS	Student Development Program on Python, DBMS, OOPs, DSA and JAVA using Spring Board Platform	271	10th January to 15th January 2022	Link
135	2021-22	CSE,IT,EC E,ME,CE	Access to Coding Ninjas Course Cum Workshop introduction to programming".	1510	April-June,2022	Link
136	2021-22	College Level	3 Days FDP on "DRONACHARYA-Teaching Skills for Building Excellence"	27	26/04/2022 to 28/04/2022	Link

Pre Placement Training/ Extra Technical Classes

Year	Name of event	Object of event	No. of students participated	Date of event
2021-22	Pre placement training by Face	Bridging gap between academics & Industry	652	1/7/2021-18/8/2021



Alumni Session (2021-22)

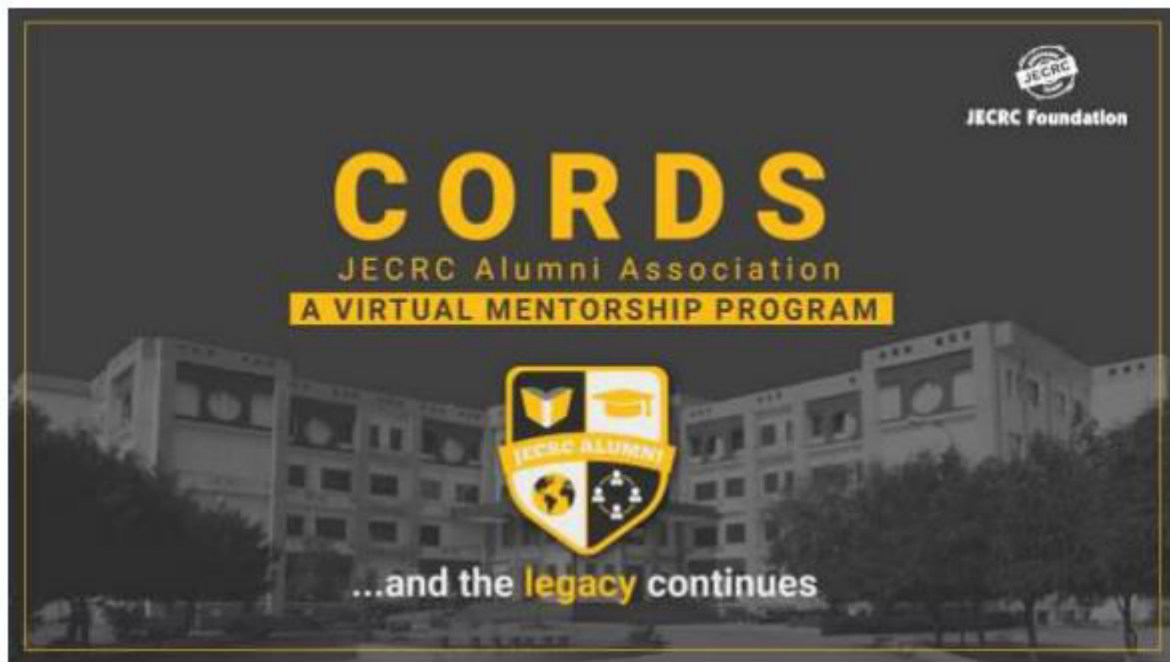
Alumni Session: An alumni meet and greet session was organized

S.No.	Name of Activity	Venue	D.O.A	No. of Invited Alumni	No. of Students
1	Meet & Greet	B-Block	18/02/2022	1	50
2	Meet & Greet	C-Block	02/02/2022	1	50
3	Meet & Greet	A-Block	15/04/2022	1	40
4	CORDS	Online	14	123	25

Alumni sessions were organized by mechanical department on 24 Aug & 27 Aug for the students eligible for upcoming placement drive of Accenture.

Two sessions were organized in this session and our Alumni of 2017 batch were among the motivational speakers. In first session on 24 Aug. was given by Mr. Rishil Gupta (got selected in Accenture & TTL) motivated the students and gave them the tips & techniques to get through the placements.

The second session on 27 Aug. was given by Mr. Anurag Verma who got placed in Accenture & Mr. Anshul Khandelwal who got selected in Accenture & TTL. Our Alumni shared their experience of getting placed & the beautiful journey they had in JECRC and told the to believe in yourself and to remember if the situation is not going according to you than pick yourself up, re-remind yourself why you're amazing, and try again for a new role.



Extra Curricular activities:

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Student's participation in National and International conferences, in Technical Workshops, Intra and Inter college competitions:

3.1.3 Number of Seminars/conferences/workshops conducted by the institution during the year 2021-22

S.No.	Year	Department	Name of the workshop/seminar/Conferences	Number of Participants	Date (From – To)	Report Link
1	2021-22	ECE	2-Days Workshop cum Hands-on Practice on "Embedded System"	164	05-06, October 2021	Link
2	2021-22	ECE	One day Seminar on "Career Guidance & Future Opportunities After Engineering"	68	24-02-2022	Link
3	2021-22	ECE	Two days National Seminar on "DEMISTIFYING THE ROLE OF AI & CYBER SECURITY FOR INDUSTRY 5.0"	123	2-3 February 2022	Link
4	2021-22	ECE	National Conference "RACON-22"	210	7-8 June 2022	Link
5	2021-22	ECE	International Conferences "ICAMCM-22"	98	17-18 June 2022	Link
6	2021-22	ECE	ATAL sponsored 5-Days FDP on "Advanced Sensor Technology for Efficient Biomedical and Energy Management in Smart Cities"	128	3-7 January 2022	Link
7	2021-22	ECE	One Day Workshop on "Learn to code, Design the future"	116	3 March 2022	Link
8	2021-22	ECE	Project Exhibition on Embedded System & Its Application	112	8 December 2021	Link
9	2021-22	ECE	2Days Workshops on "AI/ML Algorithms & Applications in VLSI Design & Technology"	45	28th 29th Nov 21`	Link
10	2021-22	ECE	2Days Workshops on "Emerging Trends in Nanotechnology"	41	21/08/2020-22/08/2020	Link
11	2021-22	ECE	3 Days Workshop on "Introduction of Python and Its application in"	60	7th to 9th sept 2021	Link

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			various fields of Engineering”			
12	2021-22	ECE	3 days workshop on “DevOps”	45	7th to 9th feb 2022	Link
13	2021-22	ECE	3 days workshop on "Role of Angular JS in Web Development"	41	20th to 22nd Sept 2021	Link
14	2021-22	ECE	3 days workshop on "basics of HTML and CSS"	43	13th to 15th sept 2021	Link
15	2021-22	ECE	3Days workshop on "introduction to React for Advance Web Development"	46	22nd to 25th feb 2022	Link
16	2021-22	ECE	3 Days workshop on Introduction of Embedded System and IoT	60	8th-10 Novemb er 2021	Link
17	2021-22	ECE	3 Dyas Workshop on Advanced Internet of Things and cloud Solutions	57	22th - 24th Novemb er 2021	Link
18	2021-22	ECE	3 Days hands on work shop on Applications of IoT in Robotics and Cloud Computing	75	13th - 15th Decemb er 2021	Link
19	2021-22	ECE	3 Days workshop on Designing and assembling of Quadcopter using Embedded System	82	4th- 6th April 2022	Link
20	2021-22	ECE	3 Days workshop on Advanced Robotics Manufacturing using 3-D printing and its challenges	72	25th- 27th April 2022	Link
21	2021-22	ECE	Workshop on Machine Learning using Python	55	9th-10th August 2021	Link
22	2021-22	ECE	Workshop on Principles of Data Science	63	26th- 27th August 2021	Link
23	2021-22	ECE	Workshop on Introduction to Deep Learning and its applications	47	6th-7th January 2022	Link
24	2021-22	ECE	Workshop on Role of Artificial Intelligence in	56	18th- 19th	Link

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			Electronics Engineering		January 2022	
25	2021-22	ECE	Workshop on MATLAB basics used in machine learning applications on Image Processing	72	27th-28th January 2022	Link
26	2021-22	ECE	Workshop on IOT	55	24/01/2022 to 28/01/2022.	Link
27	2021-22	ECE	Two days workshop on Artificial Intelligence and Neural Network	174	19-20 Jan,2021	Link
28	2021-22	ECE	Design and Optimization of Solar PV System	55	03/10/2021 to 07/10/2021	Link
29	2021-22	ECE	Two days online workshop on "Workshop on Embedded and IOT"	41	09/05/2022-10/05/2022	Link
30	2021-22	ECE	A Seminar on " Robotics and automation in Industries"	79	10 Decemb er 2021	Link
31	2021-22	First Year	One Day Webinar on" Ethical Hacking & Information Security"	94	14 Februar y 2022	Link
32	2021-22	First Year	Expert Talk on " Solid State Sulfer Batteries: An Alternate of Li-ion Battery"	252	9 Februar y 2022	Link
33	2021-22	First Year	Two Days Workshop on Circuit Designing-(Phase I (ECE,EE))	150	10-11 Dec,202 1	Link
34	2021-22	First Year	Two Days Workshop on Circuit Designing -Phase II (CSE,IT)	148	10-11 Jan.,202 2	Link
35	2021-22	First Year	Two Days Workshop on Circuit Designing -Phase III(AIDS, CE, ME)	130	21-22 Jan.,202 2	Link
36	2021-22	First Year	Two Days Workshop on Introduction of C Programming -(Phase I (ECE,EE))	140	24-25 March,2 2	Link
37	2021-22	First Year	Two Days Workshop on Introduction of C Programming -Phase II (CSE,IT)	160	4-6 April,22	Link
38	2021-	First Year	Two Days Workshop on	105	18-19	Link

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	22		Introduction of C Programming -Phase III (AIDS, CE, ME)		April,22	
39	2021-22	First Year	Seminar on Sustainable Nano Carbons as potential sensors for safe waters-Phase I	102	23 April 2022	Link
40	2021-22	First Year	Seminar on Sustainable Nano Carbons as potential sensors for safe waters-Phase II	93	25 May 2022	Link
41	2021-22	CSE	Workshop On Web Chat Bot (Voice Control Personal Assistant)	177	12 August 2021	Link
42	2021-22	CSE	Workshop on Machine learning with Python	96	1 September 2021	Link
43	2021-22	CSE	Workshop on Web development with Django	85	16 November 2021	Link
44	2021-22	CSE	SDP Programming with C	16	23-28 May 2022	Link
45	2021-22	CSE	NCICT-22	250	28-29 May 2022	Link
46	2021-22	CSE	Workshop on Advance Python	95	22 March 2022	Link
47	2021-22	CSE	WORKSHOP ON DATA SCIENCE & ANALYTICS	60	April 26th , 2022	Link
48	2021-22	CSE	Workshop on Machine Learning	90	7th April 2022	Link
49	2021-22	CSE	Workshop on Software Testing	249	30th March, 2022	Link
50	2021-22	CSE	Workshop on Web Chat (Application Project)	180	20-Apr-22	Link
51	2021-22	CSE	Workshop on Django	97	5th May 2022	Link
52	2021-22	EE	One Day Seminar on "Career Seminar by Made Easy"	45	30-04-2022	Link
53	2021-22	EE	One Day Webinar on "How to Crack GATE / PSU exams"	59	29-04-2022	Link
54	2021-	EE	ICT based Short Term	8	02/05/20	Link

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	22		Course on 'Basics of hardware in loop Simulation'.		22 to 06/05/2022	
55	2021-22	EE	Seminar on Teacher's Day	35	06.9.2021	Link
56	2021-22	EE	Seminar on Engineer's Day	38	15.9.2021	Link
57	2021-22	EE	Guest Lecture on World Heart Day	55	29.9.2021	Link
58	2021-22	EE	two Days Workshop on Solar PV System	26	27-28 Sep - 2021	Link
59	2021-22	EE	Workshop on IOT and Python	29	04.10.2021-18.10.2021	Link
60	2021-22	EE	Workshop on C Programming Language	30	01.02.2022-28.02.2022	Link
61	2021-22	EE	Seminar on National Science Day	39	28.02.2022	Link
62	2021-22	EE	Workshop on Embedded System	33	01.03.2022	Link
63	2021-22	EE	4th National Conference on 'Recent Trends and Smart Technologies in Electrical Engineering-2022'	95	20.05.2022-21.05.2022	Link
64	2021-22	CE	4th National Conference on Emerging Trends in Civil Engineering For Sustainable Development	25	17-18 June, 2022	Link
65	2021-22	CE	A Guest Lecture on "Importance of AutoCAD & 3ds Max"	61	06Jan, 2022	Link
66	2021-22	CE	A Guest Lecture on "Importance of BIM & STAAD pro"	69	08Jan, 2022	Link
67	2021-22	CE	A Guest Lecture on "Importance of Civil Software & Internship"	44	04Jan, 2022	Link
68	2021-22	CE	3D printing in Construction and Its Application for 2nd year students(Phase-1)	23	08 Nov, 2021 to 09 Nov, 2021	Link
69	2021-22	CE	3D printing in Construction and Its Application for 3rd year	25	10 Nov, 2021 to 11 Nov,	Link

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			students(Phase-2)		2021	
70	2021-22	CE	3D printing in Construction and Its Application for 4th year students(Phase-3)	18	12th Nov., 2021 to 13th Nov. 2021	Link
71	2021-22	CE	Online 3-day workshop on "Covid Carc and Immunity Enhancement	500	July 8-10, 2021	Link
72	2021-22	CE	One Day Workshop on "Virtual Lab"	765	Oct.12,2021	Link
73	2021-22	CE	Webinar on Scope of Cad and Structure Software in Civil Engineering	19	Mar 10, 2022	Link
74	2021-22	IT	One Day Workshop on Digital Marketing with Website Design & Development	65	Oct 11, 2021	Link
75	2021-22	IT	One Day Workshop on Machine Learning	46	Jan 25, 2022	Link
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77	2021-22	IT	Webinar on Ethical Hacking and Cyber Security	132	Feb 12, 2022	Link
78	2021-22	IT	Seminar on Career Counselling	84	March 30, 2022	Link
79	2021-22	IT	Seminar On "Future Force in Salesforce"	74	April 9, 2022	Link
80	2021-22	IT	4th National Conference on Information Technology and Security Applications	90	May 14-15, 2022	Link
81	2021-22	ME	4th International Conference on Recent Innovations & Technological Development in Mechanical Engineering	284	11-12 March, 2022	Link
82	2021-22	ME	6th National Conference on Futuristic Trends in Mechanical Engineering	90	25-26 May, 2022	Link
83	2021-22	ME	One Week Workshop on Hybrid and Advanced Electric Vehicles	45	30.05.2022 to 04.06.2022	Link
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	22		Conventional & Electric Two-Wheeler: A Comparison		22 to 15.05.2022	
85	2021-22	ME	One Week Workshop on Battery Powered Vehicle: Working & Assembly	37	04.05.2022 to 10.05.2022	Link
86	2021-22	ME	One Week Workshop on Fundamentals and Application of Additive Manufacturing	68	25.04.2022 to 30.04.2022	Link
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94	2021-22	ME	One Week Workshop on 3D Printing: An Introduction	49	05.07.2021 to 10.07.2021	Link
95	2021-22	ME	A Webinar on "Simulation and Development of Hybrid Electric Vehicle"	47	09.09.2021	Link
96	2021-22	ME	A Guest Lecture on "Boundary Layer-Heat Transfer Phase-1"	41	09.10.2021	Link

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97		ME	A Guest Lecture on "Boundary Layer-Heat Transfer Phase-2"	41	16.10.2021	
98	2021-22	ME	A Guest Lecture on "Design of Leaf Spring"	64	24.11.2021	Link
99	2021-22	ME	A Webinar on "E-vehicles: state of the art and prospects"	48	15.01.2022	Link
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101	2021-22	ME	A Webinar on "How to extend the roller bearing life cycle and improve its performance"	48	15.02.2022	Link
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108	2021-22	College Level	AICTE-UKIERI Further Education Leadership and Management Training Programme cumworkshop Phase-2	9	21-24 Feb.,22	Link
109	2021-22	College Level	AICTE-UKIERI Further Education Leadership and Management Training Programme cumworkshop Phase-3	9	21-23 March,22	
110	2021-	SRC	Webinar Meditation for	163	27-28	Link

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	22		Emotional Stability		Aug, 2021	
111	2021-22	SRC	One Week Online Workshop on Mediation Course I	27	1-8 Sep, 2021	Link
112	2021-22	SRC	Webinar on Enlightenment	215	5-6 Oct, 2021	Link
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121	2021-22	AI DS	GUEST LECTURE ON MACHINE LEARNING USING PYTHON	69	November 15th, 2021	Link
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	22				2	
127	2021-22	AI DS	Seminar and quiz competition on National Science Day	69	February 28th 2022	Link
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129	2021-22	Incubation cell	4 Months Incubation Program cum workshop on Entrepreneurship	280	24th April-31st October	Link
130	2021-22	AI DS	Faculty Enablement Program on Artificial Intelligence	2	06 June to 10 June 2022	Link
131	2021-22	AI DS	TTT Program on Java Programming Using Spring Board Platform (Phase-1)	2	6 Sept to 10 Sept 2021	Link
132	2021-22	AI DS	TTT Program on Java Programming Using Spring Board Platform (Phase-2)	3	21 Sept to 23 Sept 2021	Link
133	2021-22	AI DS	Faculty Enablement Program on Programming Fundamentals of Python Using Spring Board Platform	2	13 June to 17 June 2022	Link
134	2021-22	AI DS	Student Development Program on Python, DBMS, OOPs, DSA and JAVA using Spring Board Platform	271	10th January to 15th January 2022	Link
135	2021-22	CSE,IT,ECE,ME,CE	Access to Coding Ninjas Course Cum Workshop introduction to programming".	1510	April-June, 2022	Link
136	2021-22	College Level	3 Days FDP on "DRONACHARYA-Teaching Skills for Building Excellence"	27	26/04/2022 to 28/04/2022	Link

JECRC Alumni Activities

[SELF ASSESSMENT REPORT]



Alumni Session: An alumni meet and greet session was organized

S.No.	Name of Activity	Venue	D.O.A	No. of Invited Alumni	No. of Students
1	Meet & Greet	B-Block	18/02/2022	1	50
2	Meet & Greet	C-Block	02/02/2022	1	50
3	Meet & Greet	A-Block	15/04/2022	1	40
4	CORDS	Online	14	123	25

FootFall From Across The Globe



Location	Count
Bangalore	6
Bharatpur	1
Bhiwadi	1
Chandigarh	1
NCR	17
Dholpur	1
Hanumangarh	1
Jaipur	82
Jodhpur	1
Los Angeles	1
Mumbai	3
Naguar	1

Pune	6
San Francisco	1
Sirohi	1
U.S.A	2
Udaipur	1
Africa	1
Australia	1
Ajmer	1

About the Event

An Alumni Evening was held on the 7th of May 2022 Saturday in JECRC Campus with alumni of 2004-16 batches along with their spouse & Kids this event witnessed a huge footfall of around 250 people and became one of the biggest alumni meets after the pandemic. Alumni networking was the primary aim of this meet-up, as well as socializing with peers and the college. Many alumni shared their journey and experience and relived their old college days.

**Quick
Overview**



Total Footfall-258
Total Expenditure- 5,29,392

Pre Event Activities

Date	Activity	Platform
16/04/2022	Launch Post	Linkedin & Facebook
21/04/2022	Faculty Video(Ms.Rekha Mithal)	Linkedin & Facebook
22/04/2022	Faculty Video(Dr.Barkha & Dr.Ruchi)	Linkedin & Facebook
23/04/2022	Faculty Video(Mr.Amit Mithal)	Linkedin & Facebook
04/05/2022	Faculty Video(Mr.Kuldeep & Dr.M.P Singh)	Linkedin & Facebook
26/04/2022	Alumni Video(Ajay Varshney)	Linkedin & Facebook
28/04/2022	Alumni Video(Shyam Sunder Goyal)	Linkedin & Facebook
04/05/2022	Reminder Post(3 Days to go)	Linkedin & Facebook
18/04/2022	Invitation Mail	Portal
06/05/2022	litinerary Mail	E-Mail & Whatsapp

Post Event Activities

Date	Activity	Platform
08/05/2022	5 Reels	Instagram
08/05/2022	3 Post	Instagram
09/05/2022	After Movie	Instagram
07/05/2022	3 Live	Facebook
08/05/2022	1 Post	Facebook
09/05/2022	1 Post	Facebook
09/05/2022	After Movie	Facebook
10/05/2022	1 Post	Linkedin
09/05/2022	News Article	Event Bedhadak



[SELF ASSESSMENT REPORT]





10. GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES

10.1.1. State the Vision and Mission of the Institute

VISION AND MISSION

VISION

- To become a renowned centre of outcome based learning and work toward academic, professional, cultural and social enrichment in the lives of individuals and communities.

MISSION

- Focus on evaluation of learning outcome and motivate students to inculcate research aptitude by project based learning.
- Identity based on informed perception of Indian, regional and global needs, the areas of focus and provide platform to gain knowledge and solutions.
- Offer opportunities for interaction between academia and industry.
- Develop human potential to its fullest extent so that intellectually capable and imaginatively gifted leaders can emerge in a range of professions.

V. Oberoi
PRINCIPAL
Jaipur Engineering College &
Research Center
Tonk Road, Jaipur - 303 905

[SELF ASSESSMENT REPORT]



10.1.2. Governing body, administrative setup, functions of various bodies, servicerules, procedures, recruitment and promotional policies

2019-2020



JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE

Ref: JECRC/REG/2019-20/108

Date: 31/07/2019

Composition of Board of Governors On University Affiliated Institutions 2019-20

Name	Position	Category	Qualification	Present professional position	Telephone numbers	E-mail	Address
Dr. Vinay Kumar Chandna	Chairman	Principal	Ph.D.	Principal	989 1406784	principal@gmail.com	A-104, Aasha Deep Green Avenue Gyan Vihar University, jagatpura Jaipur
Mr. M.L. Sharma	Member	Vice Chairman	UG	Vice Chairman	9414279663	vc@jecrc.ac.in	F-30 Major Shaitan singh colony shastri Nagar Jaipur
Mr. Manish Jain	Member	Senior faculty member of the college	M.Tech.	Professor	9214399647	manishjain@jecrc.ac.in	13/22, Malviya Nagar Jaipur
Dr. Umesh Kumar Pareek	Member	Senior faculty member of the college	Ph.D	Professor	9785506667	ukpareek69@yahoo.co.in	Near CTS Bus Stand, Vyason Ka Mohalla, Sanganer, Jaipur (Raj)-2732271
Nominee of the State Govt./UT	Member						
Dr. Rajeev Gupta	Member	Senior faculty member from university/other college	Ph.D.	Professor	9414596958	rajeev_eck@yahoo.com	RTU, Kota
Forsk Technology (Dr. Sylvester Fernandes)	Member	Industrial expert in the field of engg. and technology	Ph.D	Director	0141-2770232	info@forsk.in	M-5, Software Building, IT Park, Industrial Area EPIP, Sitapura, Jaipur 302022
CADD Centre Services Pvt. Ltd. Chennai	Member	Industrial expert in the field of engg. and technology	M.Tech	CADD Centre	0141-4002023	rj.jairajapark@caddcentre.com	Door No. 106-107, Ram Gali No. 6, Mahima Majesty, Raja Park, Jaipur
Mr. Amit Agrawal	Guest				0141-2770803	amit@jecrcmail.com	25, shri Rampura Colony civil line Jaipur

Prof. (Dr.) Vinay Kumar Chandna

Principal

PRINCIPAL
Jaipur Engineering College &
Research Centre
Tonk Road, Jaipur-302022

CC to:

1. Director
2. Registrar
3. All Departmental HoD's
4. Accounts Office
5. OS
6. Library



JECRC Foundation
www.jecrcfoundation.com

Jaipur Engineering College and Research Centre

Approved by AICTE & Affiliated to RTU

JECRC Campus, Shri Ram Ki Nangal,

Via Sitapura RIICO, Opp. EPIP Gate, Tonk Road, Jaipur 302 022

t: 0141 2770120, 2770232 f: 0141, 2770803 e: info@jecrcmail.com

Functions and Responsibilities

Governance of JECRC is the collective efforts of the following towards achieving mission and vision:

Board of Governors JECRC: - The institute governing body (NSERD) regularly meets to discuss various decisions and actions taken are analyzed. All the minutes of the meeting are presented in institute BOG as per AICTE from time to time and institute performance also presented.

Chairman: The in-charge of NSERD of the institute.

Vice-Chairman: - Vice-chairman stands in for the Chairman in his or her absence. And also manage all the responsibilities related to the organization and gives suggestion to the growth of the organization.

Vice-chairperson: - Vice-chairperson also stands in for chairman in his absence.

Sr. Advisor: - Are a former administrative officer and regularly interacts with various bodies.

Principal: As Head of the Institution, he shall exercise his authority for institution building. He will act as a Competent Authority for all Faculty Members and office staff and be responsible for overall human resource management of their appointment, utilization, retrenchment, termination, disciplinary action. Etc. He will exercise signing powers as Competent Authority.

IQAC: Internal Quality Assurance Cell takes the sole responsibility of enhancing prosperity and viability of institution by remaining vigilant about the quality of the education and other aspects with respect to grievance, maintenance, outreach, placement, etc.

Head of the Departments: HOD is the programme coordinator and implements all the rules and regulations of affiliating university / AICTE within the department. His responsibility includes preparing a budget, managing resources, coordinate with institutes/industries, repute for the benefits of faculty and students. He is having special financial empowerment to deal with exigencies in the department.

Faculty Members: They ensure effective curriculum delivery along with participation and organize various technical and non-technical activities in the department.

Director T&P:- Is responsible for Training and placement related issues in the campus

Staff: Technical staff members work for the smooth and functioning of laboratories and non- technical staff members handle administrative assistance.

Students: They organize and participate in technical and non-technical activities under the mentorship of faculty members.

Maintenance In-charge: Is responsible for maintenance related issues on the campus.

Alumni In-charge: It brings together a wealth of talented and capable professionals who share their expertise and experience, and brainstorm on the prospective avenues.

Registrar: Deals with the implementation of policies of regulating bodies and an affiliating university.

Chief Executive officer is responsible for comfortable lodging and boarding of all the students residing in hostels within the campus.

Librarian: Is responsible for selecting, developing, cataloging, and classifying library resources.

Accounts Officer: The Account Officer looks after the financial resources of the institute.



PRINCIPAL
Jipur Engineering College &
Research Centre
Terk Road, Jipur-901022

Decentralisation of power and participative management of the institute shown by below

Organogram

Some responsibilities of few Important Administrative bodies are given below. The same can be found in JECRC Faculty Handbook

1) NSERD(National Society for Engineering Research and Development Jaipur).

Members of society are governing body members include chairman vice chairman secretary, advisor and principal JECRC as invite member. The society member approve all the financial implementation to the institute and also look after the progress of institute from time to time and based on that approval and advise to the institute head is provided by society.

Delegation of Powers to the various Authorities:

The Chairman, JECRC Foundation, and the National Society for Engineering Research and Development, has directed me to convey the delegation of powers to the various authorities working in the NSERD promoted institutions. Our Esteemed Chairman is of the view that the College Principal and the Registrar should have adequate powers so that they are in a position to comply with the requirements of the regulatory and supervising bodies, and conduct day-to-day affairs in a positive and peaceful manner, under their own authority and signatures.

With a view to ensuring smooth and unambiguous functioning of the colleges, viz., Jaipur Engineering College And Research Centre and the delegated powers / authority are detailed hereunder

Principal

- As Head of the Institution, he shall exercise his authority for institution building. He will act as Competent Authority for all Faculty Members and Officer staff and be responsible for overall human resource management their appointment, utilization, retrenchment, termination, disciplinary action. etc. He will exercise signing powers as Competent Authority.
- He will act as superintendent and guide for all items of work related to AICTE RTU (Affiliating University), UGC, MHRD, Technical Education Department GOR, State Level Fees Determination Committee, and other regulatory or higher bodies.
- Establish a climate in which faculty members and the students can develop self-discipline, and promote research.
- To formulate the Budget and assess the infrastructural and other requirements well in advance and get the same approved from the Secretary, NSERD before execution.
- Impress amount of Rs. 1.00,000/- (Rs One Lakh Only) is also delegated for routine exercise.

Registrar

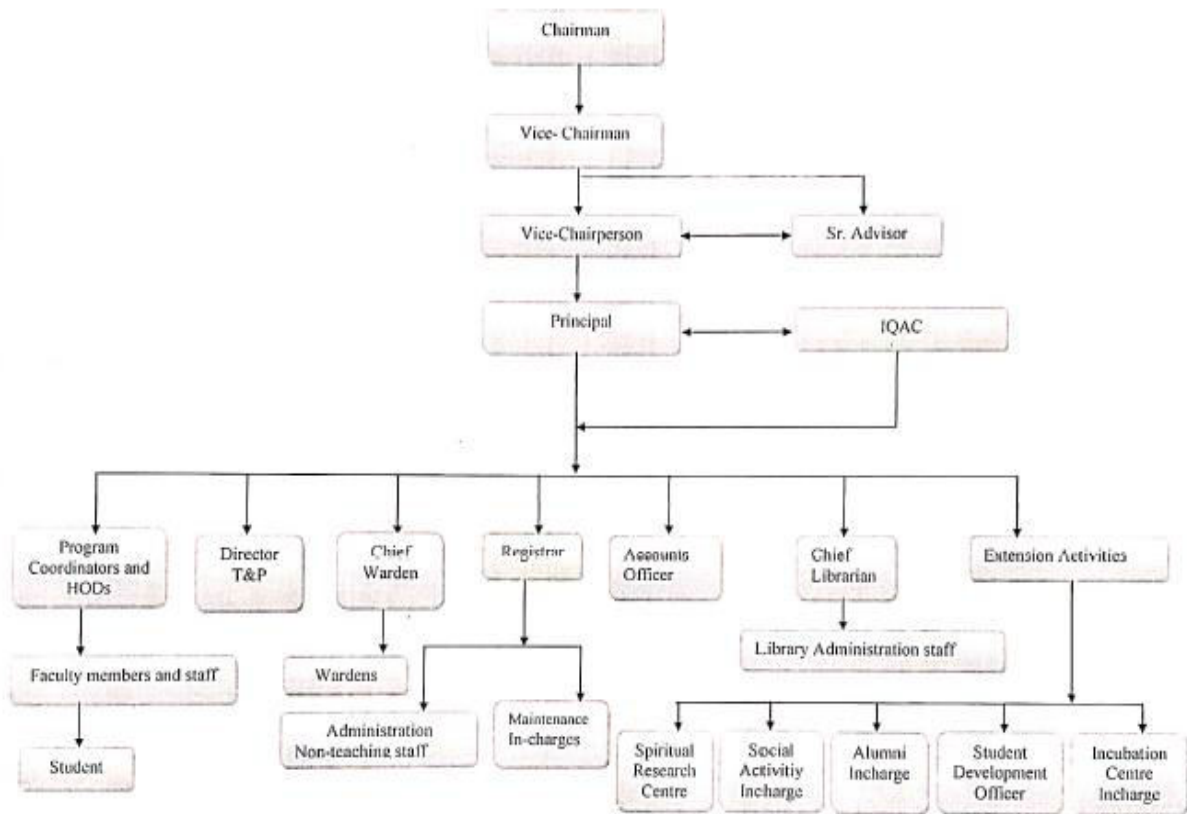
- He shall act Competent Authority for all office and sub-staff, and exercise signing powers as competent authority for their appointment, utilization, retrenchment, termination, disciplinary action. etc.
- He shall act as Compliance Officer to fulfill the regulatory guidelines etc. of AICTE. Will (Affiliating University), UGC, MHRD, Technical Education Department GOR, State Level Fees Determination Committee, and other regulatory or higher bodies. He shall act as signing authority



[SELF ASSESSMENT REPORT]



Organization Chart



PRINCIPAL
Jaipur Engineering College &
Research Centre
Tonk Road, Jaipur-302002



Jaipur Engineering College and Research Centre
Approved by AICTE & Affiliated to RTU
JECRC Campus, Shri Ram Ki Nangal,

in all such matters.

- The Registrar shall be the custodian of records and property of the college, and be directly responsible to the Director/Principal of the College for the proper discharge of his duties and functions, and exercise such other powers and perform such other duties as may be assigned to him by the Director/Principal.
- In the absence of Director / Principal, all powers shall vest in Registrar and he shall exercise the authority and signing powers of the Principal including Competent Authority for Faculty Members, etc.

2) Board of Governors (BoG)

The trust and society has a Board of Governors which assists Board of trustees for management of the college activities. The of Governance also comprises of scientists of national repute, renowned academicians and eminent personalities from Industry. The committee assumes a role of Intellectual leadership and evaluates new scientific perspectives. It evolves policies and strategies for generation of innovations and development of technical programs. The main work of this committee is to give vision about new technology and courses that are to be initiated at the trust. It comprises of the Chairman, Member Secretary and the principals of and various institutes.

In addition the BoG shall have:

Board of governance as per AICTE that include chairman, head of institute as secretary, 2-5 senior faculty members , nominated members from AICTE, affiliating university, state of government, invited members from other universities, invited parents, invited industry person,

Its Primary responsibilities include

Secretary present the report of institute as :-

- Planning and policy development
- Review of non –budgeted expenditures
- Approval of major infrastructural changes
- Financial and legal compliance
- Publicity
- Appointment of members of the governing boards
- Review of Institutional Budgets
- Starting new courses or departments or institutions if any to the member and the minutes of meeting of the same are sent to NSERD for approval.

Committees are as follow:-

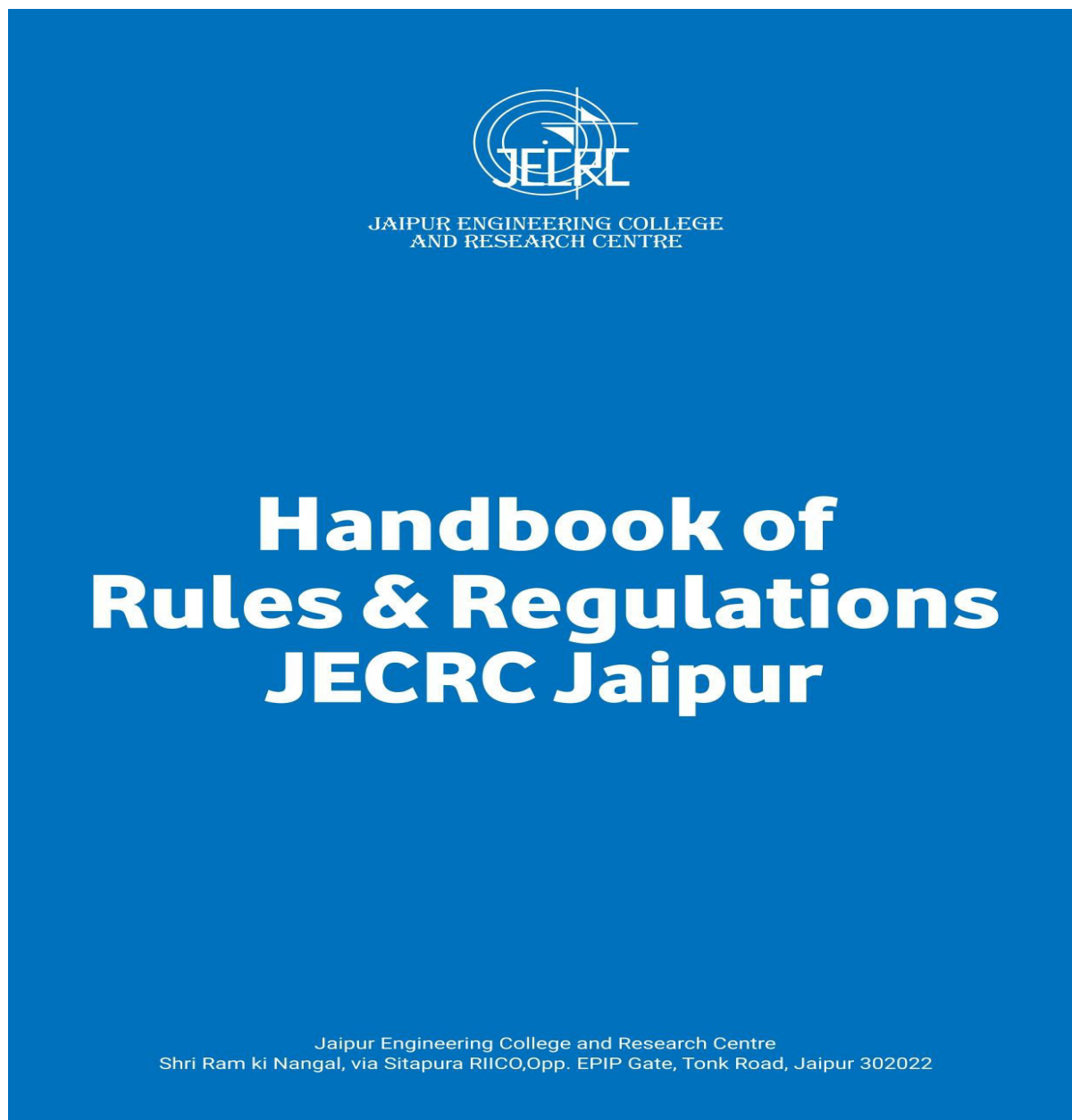
1. NSERD (As per AICTE)
2. Board of Governors (As per AICTE)
3. Grievance Redressal Committee
4. Anti Ragging Committee
5. Anti Ragging Squad
6. Women Cell Committee
7. Student Disciplinary Committee
8. SC/ST Committee
9. IQAC Committee



Frequency of the Meetings of Board of Governance (Minutes of Meeting)

S.NO.	Year/Session		Related Link
1	2020-21	BOG MOM	Link
2	2021-22		Link

The published rules including service rules, policies and procedure



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Chapter-1

Introduction Preamble:

The courses under Jaipur Engineering College & Research Centre, Jaipur (JECRC) are recognized by the AICTE. The JECRC, Jaipur is affiliated to University of Rajasthan, Jaipur. Being the affiliated institutions the conditions of services of these institutions are normally governed by the rules framed in this respect by the AICTE/Rajasthan University / State Government. Additionally, for academic staff the College will also be guided by the relevant rules of the AICTE. Taking this in view, the Jaipur Engineering College & Research Centre, Jaipur has framed a document, which gives a brief idea of the conditions of service and the benefits attached to the employment etc. Further, the information given in this booklet may be subject to revision from time to time. In addition to the conditions of service, the institutes have made certain procedural guidelines to make the administration more smooth and transparent. These are also included here in this document.

1.1 The service conditions shall be applicable to all employees of the Jaipur Engineering College & Research Centre, Jaipur (JECRC). They may be supplemented or amended from time to time based on AICTE/ Affiliating University/ State Government rules. However, the management shall have the right to relax any of the rules.

1.2 For any other matters or details relevant to the service conditions of the employees, not specifically covered here, the College shall be guided by the rules, norms and procedures as prescribed by the Rajasthan Government /AICTE/ Rajasthan University from time to time.

1.3 Definitions:

- (a) "Chairman" means the Chairman of the Executive Council
- (b) "College," means the Jaipur Engineering College & Research Centre, Jaipur / any other

college under the domain of Governing Council.

- (c) "Executive Council," means the Executive Body of the college
- (d) "Funds," means the Funds of the College
- (e) "Governing Council," means the Governing Body of the college
- (f) "President," means the President of the Governing Council
- (g) "Principal," means the Principal of the Jaipur Engineering College & Research Centre, Jaipur
- (h) "Secretary," means the Secretary of the Governing Council
- (i) "Society," means the National Society for Engineering Research and Development, Jaipur
- (j) "Financial Year:" means the year commencing from 1st April and closing on 31st March of the next calendar year.
- (k) "University," means the affiliating University
- (l) Academic Year means period of academic activity from 1st July to 30th June of the next year.
- (m) "Faculty" means a teaching staff of the College
- (n) "Employee" means anybody who has been employed by the College either as 'faculty' or on any post covered under 'other staff'
- (o) "University" means Affiliating University
- (p) "Regular Employee" means the faculty or other staff appointed in the prescribed scales of the post either on probation or confirmed one.
- (q) Ad-hoc employee means appointed on ad-hoc basis for specific period either in the scale or with consolidated salary with specific conditions as shown in the appointment order.

NOTE: For teaching positions, the eligibility will be as per AICTE & the affiliating University norms.

Chapter-2 Appointments and its Terms and Conditions

Faculty Staff

2.1 There are various categories of employees at the College. Their salary scales are given separately in this document. Normally, regular appointments particularly as faculty will be made by direct selection by inviting applications through public advertisement. The required qualifications for faculty staff are generally as prescribed by the AICTE.

2.2 The regular employees of the institute will be eligible to the Dearness Allowance and other allowances as sanctioned by the BOG of the College from time to time.

2.3 The paramount consideration in the appointment or promotion of an employee shall be guided by the desired standards of efficiency, competence and integrity.

2.4 Selection and compensation of employees shall be made without distinction as to race, sex, or religion and the same shall be made on competitive basis.

Terms and conditions of appointment

The appointments shall be made subject to the following terms:

2.5 (a) the terms of appointment provide for termination by a notice on either side of one month. If anyone desires to be relieved prior to the completion of the notice period, he/she will be required to pay to the College an amount equal to his / her salary and allowances for the deficient notice period. However, the management will have the right to waive the notice period.

(b) Unless waived in part or in full by the appointing authority, there will be a probationary period for three months. At the end of the probationary period, it may be extended by the appointing authority for a period up to one year. The services of an employee on probation can be terminated

without notice and without assigning any reason.

(c) The age of superannuation will be 70 years for the faculty and 62 years for other staff unless extended by the competent authority.

Other service conditions will generally agree with the norms and executive instructions of the AICTE / Affiliating University / Rajasthan Government and as amended by the College from time to time.

2.6 An employee shall not without the previous written permission of the Managing Trustee in the case of Director / Principal and in case of teaching and other staff of the Director / Principal respectively be engaged directly or indirectly in any trade, business or occupation or any other remunerative or non-remunerative work.

2.7 Besides appointments in regular scale, the appointments of the faculty and staff may be made on fixed terms on ad-hoc or contract basis. These appointments will carry a consolidated salary or salary in the scale. Fixed term appointees are eligible for vacation and it is admissible to one who has completed minimum service of one semester. In case a fixed term appointment gets converted into a regular appointment for various terminal purposes, the continuity of service will be reckoned from the date of the commencement of the term of appointment.

2.8 Pay Scales:

(i) Normally, the pay scales of the faculty will be as per the recommendations of AICTE and as approved by the state Government.

(a) The existing structure of the scales are as under -

S.No.	Category	Pay scales
1	Lecturer	8000-275-13500
2	Senior Lecturer	10000-325-15200
3	Assistant Professor	12000-420-18300
4	Professor	16400-450-20900-500-22400

2.9 Annual increment will fall due on completion of one year of continuous service.

2.10 Incentives for Higher Qualifications - At the time of recruitment as Lecturers, advance increments may be admissible to those who hold higher degrees asunder:

(a) Twf will be eligible for two increments as and when he /she acquire a Ph.D. Degree in his/ her service career.

2.11 Career Advancement for faculty the promotions under Career Advancement. Scheme will be as per the guidelines given below. All the promotions in career advancement will be "institute" basis and therefore the work allocation (teaching load, etc.) may remain the same after promotion and additional responsibilities may also be assigned.

© Professor:

In addition to the sanctioned position of Professors, which must be filled in through direct recruitment through all India advertisements, promotions maybe made from the post of Assistant Professor after 10 years of service as Assistant Professor. The selection committee for promotion to the post of Professor will be the same as that for direct recruitment.

Some of the desirable activities of candidates for the post of Professors will be as follows -

- (a) Research contribution: books, articles, research papers etc. published (At least four papers in journals required) The best three written contributions of the papers (as defined by her/him) may be sent in advance to the experts to review before coming for the selection. The candidate should •be asked to submit these in 3 sets with the applications.
- (b) Seminars/ conferences attended: must have attended at least 4seminars/conferences at national or international level or must have attended summer I winter schools (short-term course) of total duration of 4 weeks.
- (c) Significant contribution to teaching I academic environment I project supervision I sponsored projects I institutional corporate life etc.
- (d) Adequate extension and field outreach activities
- (e) Development of course material I monograph
- (f) Participation in continuing education programmes
- (g) Other academic and administrative contributions

2.12 Career Advancement for Faculty

(a) Provides for movement of:

(i) Lecturer to Senior Lecturer (Senior Scale)

(ii) Senior Lecturer to Assistant Professor

(b) Calls for promotion under Career Advancement Scheme: The candidate must have consistently satisfactory performance

Non Faculty

2.13 Pay Scales - qualifications of other staff:

(i) The other staff there will be of two categories viz.

(a) Technical staff

(b) Administrative I ministerial staff.

(ii) The pay scales and qualifications for different technical posts will be on par with AICTE/State Government University Rules.

(iii) Similarly, for administrative staff, the same will be on par with university/government rules.

Minimum length of service for eligibility to move into the grade of Senior Lecturer would be four years for those with Ph.D., five years for those with M.Phil, M.Tech and six years for others at the level of lecturer. For eligibility to move into the Grade of Assistant Professor, the minimum length of service as Senior Lecturer shall be five years.

For movement into grades of Assistant Professor and above, the minimum eligibility criterion would be Ph.D. Those without Ph.D. can go up to the level of Senior Lecturer.

An Assistant Professor with a minimum of ten years of service in that grade will be eligible to be considered for appointment as a Professor. The selection committees for Career Advancement shall be same as those for direct recruitment for each category.

The requirement of consistently satisfactory performance appraisal reports shall be the mandatory requirement for Career Advancement from Lecturer to Senior Lecturer and from Senior Lecturer to Assistant Professor.

(A) Senior Lecturer:

A lecturer will be eligible for placement in a senior scale through a procedure of selection, if she/ he has:

(i) Completed 5 years of continues service at the College. However, relaxation of one year and two years respectively will be given to those with M.Phil, M.E. / M.Tech .and Ph.D.

(ii) Organization of short term course/conference or research publications will be considered an additional qualification.

(iii) Consistently shown satisfactory performance.

(B) Assistant Professor:

A senior lecturer will be eligible for promotion to the post of Assistant Professor if she/ he has:

- (i) Completed 5 years of service in the senior scale
- (ii) Obtained a Ph.D. degree or has equivalent published work.
- (iii) Made some mark in the areas of research, quality of publications, contribution to education innovation, design of new courses and curricula and extension activities.
- (iv) Organization of short term course/conference or research publications will be considered an additional qualification.
- (v) Shows consistently good performance.

Promotion to the post of Assistant Professor will be through a process of selection by a selection committee.

Selection Procedure

All the vacancies of faculty staff and other staff will be advertised in prominent newspapers. The selection will be done on competitive merit which shall be judged by a duly constituted selection committee.

NOTE

The staff members of the College deputed for any training program /conferences/seminar/workshop etc. has to serve the institute at least for one year after completion of training. In case he /she resigns from the post before completion of the one year, the recovery of the salary & other expenses paid to him / her for training /deputation period would be made.

Chapter-3 Holidays, Leave and Vacations

3.1 Holidays

The College will observe public holidays in a calendar year as fixed by the competent authority. This will be announced at the end of the previous year.

3.2 Vacations

3.2.1 Faculty Staff are entitled to 45 days' vacation in a year provided they have joined the College on or before the 1st of July. The entitlement will be worked on pro-rata basis for faculty staff joining by end of October. A faculty staff joining after October will not be entitled to any vacation during the current academic year.

3.2.2. Total vacation may be broken up in parts like (1) a week around Deepawali, (2) a week in winter and (3) the remaining in summer.

3.2.3. For non teaching staff, the vacation entitlement in a full year is 30 days. This also may be broken up in three parts like (1) a week around Deepawali, (2) a week in winter and (3) the remaining in Summer.

3.3. Leave

3.3.1 No holidays or leave shall be claimed as a matter of right by an employee except such holidays or leave as are enforceable by law.

3.3.2 Sundays will be normally treated as holidays.

3.3.3 List of possible holidays will be announced in the beginning of the calendar year. However, at times a holiday / Sunday may be declared as a working day on need basis.

3.4. Casual Leave

3.4.1 A faculty staff shall normally be entitled to 15 days casual leave in a year on accrual basis. The accounting period is from 1st of July to 30th of June next year.

3.4.2 A non-faculty staff shall normally be entitled to 12 days casual leave in a year on accrual basis. The accounting period is from 1st of July to 30th of June next year.

3.4.3 An employee can normally avail of 1 day's casual leave in a month during the probation period provided that he has at least 20 days of uninterrupted duty record at the college.

3.4.4 Sundays and holidays can be prefixed or suffixed with casual leave after a written request has been made to this effect.

3.4.5 Casual leave shall be permitted on recommendation of the incharge (HOD) keeping in view the interests of the College/Department/ Section as the case maybe.

3.5 Medical Leave

3.5.1 Employees unable to carry out their regular duties due to continuous ill health (for more than 3 months) will not be permitted to continue in service.

3.5.2 Maternity leave shall be admissible to a female employee of this college for a maximum period of 60 days with the following provisions -

3.5.2.1 She is a regular employee and has served the College continuously for not less than three years.

3.5.2.2 The employee will be eligible for full pay during the leave period.

3.5.2.3 The employee shall be given 50% of the total emoluments every month during the period of her absence subject to production of maternity certificate and the balance 50% shall be provided to her in six equal monthly installments after resuming duties.

3.5.2.4 The employee under special

circumstances arising out of medical complications may be permitted leave without pay for the required period.

3.6 Leave other than specified leave

3.6.1 Any employee absenting from duty without proper permission for 6days will lose the benefit of salary on the following or intervening Sunday and any Holiday in continuity. Hershel shall be liable to be dismissed from service if his/her absence from duty persists for 15days in this manner.

3.6.2 Any employee who has been dismissed from service earlier but has been given employment again shall be treated as a new employee and the benefits of the earlier period of service shall

automatically lapse.

3.7 Academic leave / duty leave

3.7.1 An employee going for attending the work entrusted by the College or for participating in a Conference etc shall be treated as on duty, provided the participation in the Conference has been approved by the College and they produce a certificate of participation on return. Some faculty staff may also be provided TA& DA and the registration if any may also be depending upon the length of the service of the employee.

3.7.2 An employee going out of station on duty in connection with College work shall be suitably compensated for his outstation travel and stay.

Chapter-4 Provident Fund Gratuity

4.1 Provident Fund

Every employee of the College shall be entitled for the benefit of Contributory Provident Fund. Some of the important salient features of the scheme are identical to EPF rules.

4.2 Employees State Insurance Scheme

Employee of the College shall be entitled for the benefit of Employees State Insurance Scheme (ESI) as per the Central Government rules.

4.3 Gratuity

The employers of the College will also be eligible for gratuity as per provision of act.

The main components of this benefit are as under:

(1) Gratuity shall be payable to an employee on the termination of his/her employment after he/she has rendered continuous service for not less than five years.

(a) on his/her superannuation or

(b) on his/her retirement or

(c) on his/her death or disablement due to accident or illness

Provided that the completion of continuous service of five years shall not be necessary where termination of the employment of any employee is due to death or disablement.

Provided further that in the case of death of the employee, gratuity payable to him/her shall be paid to his/her nominee, if no nomination has been made, to his/her heirs, and where any such nominees or heirs is a minor, the share of such minor shall be deposited with the controlling authority who shall invest the same for the benefit of such minor in such bank or other financial institution, as may be prescribed, until such minor attains majority.

Chapter-5 Testing and Consultancy Rules

The College staff shall be encouraged to take a consultancy and testing jobs from industry and others R&D agencies on payment basis. They will be permitted to use the infrastructure of the College. The consultancy / testing fee will be apportioned between the consultants and others who make a contribute to it and also to the College.

1) Remuneration to Regular Faculty & Staff:

(a) Testing:

The distribution of total income between the College and the employees will 30:70.

The 70% staff distribution is as under as per the institution Rules:

1	The faculty staff	65%
2	Lab Technician	5%
3	Lab Attendants	
4	Office Staff / Administration staff involved & Dept. Clerk	

(b) Consultancy:

The distribution of total income between the College and the employees will 30 :70but after deducting all expenses.

30%	will be retained by the College After deducting all expenses
70%	distributed amongst the concerned staff

Chapter-6 Incentive Rules

Incentive rules have been classified into two categories. These are

- (i) Performance based and
- (ii) Time based

6.1 Based on Performance Appraisal

Period of Stay	Performance Appraisal Rating	Proposed Incentive
After Probation	Excellent	+ one increment/DA increase/BOTH
After 2 yrs	Very Good/Excellent	+ one increment/DA increase/BOTH Conf Participation on duty leave + Registration
After 3 yrs	Very Good/Excellent	+ HRA / DA Increase / BOTH Excellent + Conf Participation on duty leave + Registration Fee + Basic Travel (city to city) + B&L + Book allowance (Rs 1000 per year) + Professional Society membership (90%) + Promotional Opportunity
After 4 yrs	Excellent	As above + Conveyance Allowance (Personal Vehicle) + Medical Allowance I Group Medical Scheme
After 5 yrs	Excellent	As above + Phone Allowance + Lap Top subsidy (80%) + Contribution to EMI for Car/Housing Loan + LTC + Education Allowance + Gratuity

Promotional Opportunities

- (a) Lecturer to Sr. Lecturer
- (b) Sr. Lecturer to Assistant Professor
- (c) Assistant Professor to Professor

Guidelines

- (a) Eligibility to be as per AICTE recommendation
- (b) Lecturer to Sr. Lecturer promotion on informal appraisal
- (c) Sr. Lecturer to Assistant Professor: Through a formal internal appraisal
- (d) Assistant Professor to Professor: Open Competition

Appraisal -

- (a) Academically Sound
- (b) Quality of Teaching (Lectures, Tutorials, Labs)
- (c) Laboratory Development
- (d) R&D
- (e) Books and Manuals
- (f) Participation in other activities like (i) Placement, (ii) Student Development, (iii) Examination work, (iv) Co-curricular and ECA, (v) Contribution to College/Industry interaction (vi) College administration...

6.2 Time Based

a. Faculty v Staff

S.No	Items	Remarks
1.	Additional Increment	One additional increment in the III year if there has been no promotion / change of Designation / salary revision etc.
2.	Promotion	A faculty staff joining as a lecturer will be promoted to the post of a Sr. Lecturer in the sixth year if there has been no promotion / change of designation / salary revision etc. Similarly, a staff member joining as a Sr. lecturer will be promoted as an Assistant Professor if there has been no promotion / change of designation / salary revision etc.
3.	Conveyance	From third year: Conveyance allowance @250/- per month for staff (with salary upto Rs. 20000/- pm) and Rs. 500/- per month (for staff with salary above 20000/-only)
4.	Internet(Staff members have to ask for it)	From third year: Staff members having internet at residence in their own name can claim minimum BSNL rental
5.	Conference	<ul style="list-style-type: none"> a. Duty leave will be admissible b. After one year: registration fee will be reimbursed. c. After two years: all above and city to city travel cost will be reimbursed. d. After three years: All above and subsidy towards boarding & lodging.
6.	HRA	To be paid@ 7.5% of basic pay from IV year
7	Book allowance (Staff members have to ask for it)	From third year: Cost of relevant books purchased by faculty to be reimbursed upto Rs. 1000/- PA

[SELF ASSESSMENT REPORT]



8.	Education Allowance (Staff members have to ask for it)	From sixth year: 50% of tuition fee for two children. This is restricted to Rs. 500/- per month per child. This further subject to the spouse not claiming this allowance from other organization
9	Medicclaim	Efforts are being made to cover all the staff Through Medicclaim policy applicable from third year onwards

b. Other Staff (Other than faculty staff)

S.No.	Items	Remarks
1	Additional Increment	One additional increment in the III year if there has been no promotion / change of designation/ salary revision etc.
2.	Promotion	Promotion A staff will be promoted to the next higher post in the sixth year provided there has been no promotion I change of designation / salary revision etc. If next higher post is not existing, suitable increments may be given
3.	Conveyance	From third year: Conveyance allowance@ 250/ - per month for staff (with salary upto Rs. 20000/- pm) and Rs. 500/- per month (for staff with salary above20000/-pm)
4.	Conference / Short	a. Duty leave will be admissible course etc. b. After one year: registration n fee will be reimbursed. c. After two years: all above and city to city travel cost will be reimburse. d. After three years: All above and subsidy towards boarding &lodging.
5.	HRA	To be paid @ 7 .5% of basic pay from IV year
6.	Education Allowance	From sixth year: 50% of tuition fee for two children. This is restricted to Rs .500/ - per month per child. This further subject to the spouse not claiming this Allowance from other organization.
7.	Medicclaim	Efforts are being made to cover all the staff through Medicclaim policy applicable from third year onwards.

Chapter-7 Assessment

7.1 Performance Appraisal of Faculty:

The performance of faculty appointed on regular basis will be assessed at two stages viz (a) During Probation and (b) Confirmation.

(a) During Probation:

The faculty staff will be required to submit his/her self performance appraisal one week advance of probation. The HOD will give his own observations as Reporting Officer and the Director or the Principal will review the document.

Depending upon the assessment of the staff, the staff member may be confirmed in his/her position or probation may be extended if necessary. The faculty staff will be informed of the deficiencies when the probation period is extended.

During the period of extension of the probation, the HOD will continuously the working of the

concerned staff member and will suggest ways to improve the performance.

(b) Evaluation after Confirmation:

Even after confirmation, the performance of the faculty shall continuously be monitored on the same lines as in self assessment form. This report will be considered for the benefit to be awarded under career advancement scheme upward promotion even by direct selection and for other incentives.

7.2 Evaluation of other Staff:

On the similar lines as for faculty, the evaluation of the other staff also will be done. However, the proforma of such evaluation will be different depending upon the nature of the post.

Chapter-8 Conduct Rules

8.1 Code of conduct

- (a) Every employee shall, at all times, maintain absolute integrity and devotion to duty, and also be honest and impartial in his/her official dealings.
- (b) An employee shall, at all times, be courteous in his/her dealings with other members of the staff, students and members of the public.
- (c) Unless otherwise stated specifically in the terms of appointment, every employee is a full time employee of the institute. He/ She may be called upon to perform such duties, as may be assigned to him/her by the competent authority beyond scheduled working hours and on holidays and Sundays. These duties shall, inter-alia, include attendance at meetings of committees to which he/she may be appointed by the College or any of its authorities.
- (d) An employee shall observe the scheduled hours of work during which he/she must be present at the place of his/ her duty.
- (e) Except for valid reasons and/or unforeseen contingencies, no employee shall be absent from duty without prior permission.

8.2 No employee shall, in any radio broadcast or in any document published anonymously or in his/her own name or any other person or in any communication to the press or in any public utterance, make any statement of fact or opinion which has the effect of an adverse criticism of the College.

8.3 No employee shall pass any confidential information of the College to any unauthorized person or agency.

8.4 No employee of the institute shall, engage, directly or indirectly, in any trade or business or any private tuition or undertake any employment outside his/her official assignments.

8.5 An employee who gets involved in some criminal proceedings shall immediately inform the competent authority through the Head of the Department to which he /she is attached, irrespective of the fact whether he/she has been released on bail or not. An employee who is detained in police custody, whether on criminal charge or otherwise, for a period longer than forty eight hours shall not join his/her duties in the College unless he/she has obtained written permission to that effect from the competent authority.

8.6 No employee shall, except with the previous sanction of the competent authority, have recourse to any Court of Law or to the press for the indication of any official act which has been the subject matter of adverse criticism or an act of defamatory character. Provided nothing in this rule shall be deemed to prohibit an employee from vindicating his/her private character or any act done by him/her in his/her private capacity.

8.7 (a) Whenever an employee wishes to put forth any claim, or seeks redressal of any grievance or of any wrong done to him/her, he/she must forward his / her case through proper channel, and shall not forward advance copies of his/her application to any higher authority, unless the lower authority has rejected the claim, or refused relief or the disposal of the matter is unduly delayed.

(b) No employee shall be signatory to any joint representation addressed to the authorities for redressal of any grievance or of any other matter.

8.8 An employee shall, regarding imposition of penalties for breach of any of these rules and regarding preference of appeals against any action taken against him /her, be governed by the rules made in this behalf from time to time by the competent authority.

8.9 A faculty staff shall be responsible for the results of the students of the class being engaged by him/her.

This will necessarily mean:

- a) Planning the course of lectures for the entire semester and suggesting suitable text and reference books to the students.
- b) Delivering well prepared lectures with the help of handouts and teaching aids.
- c) Preparing tutorial sheets with representative problems.
- d) Keeping an up-to-date account of attendance of students
- e) Conducting assessment of students as per the approved policies
- f) Explaining the steps taken to improve the situation / difficulty being faced in performing the duties and offering suggestions, if any, to improve the efficiency.
- g) The department will prepare an academic calendar for the department in conformity with the College calendar. The faculty staff will be following this calendar.
- h) Punctuality in arriving at the college, engaging classes shall be an important trait of a faculty staff.

i) Faculty staff shall generally be available to students for discussion and guidance during college hours. The day's work of making attendance, checking answer books and entering and submitting marks and other details shall be completed before he/she leaves the college.

j) The faculty staff shall regularly intimate the tutor guardians of the progress of the students. The tutor guardian, in turn, shall call the students and try to find out the reasons for poor performance and deficiency; n attendance. If necessary, the tutor guardian shall inform the parents about the performance of the student and shall also maintain a record of the same.

8.10 Dress Code:

1. Male Staff - Should preferably wear shirts (no T-shirts) and Trousers (no Jeans). Ties also may be worn.
2. Female Staff - Should wear sarees.

NB:

(This Hand Book contains guidelines for smooth functioning of the institute. These are guidelines and should not be interpreted as rules and hence cannot be challenged in the Court of Law)

Amendment

Amendment related to increase and retention benefit approved from NSERD in the year 2016

INCREMENT/ RETENTION BENEFIT

1. It is proposed to provide 3% increment on Basic and AGP.
2. It is proposed to provide 2% DA on Basic and AGP each year. Additional DA may be announced if necessary.
3. The above proposed increment will have an impact of approximately 4% as compared to previous impact of 4.5%.
4. It is proposed to provide additional 3% increment (Basic+ AGP) after completion of three years of service at JECRC under following conditions
 - a. Faculty member of Applied Science must have PhD qualification. They are given one year time for the registration and five year time for the completion of PhD there after their benefit may be considered from the date of completion certificate.
 - b. Associate Professor must have PhD qualification. They are given one year time for the registration and five year time for the completion of PhD there after their benefit may be considered from the date of completion certificate.
 - c. Assistant professor must have M.E. / M.Tech qualification. They are given one year time for the registration and three year time for the completion of M.E. / M.Tech there after their benefit may be considered from the date of completion certificate.

AND

- d. At least 50% students must have more than 60% marks in the theory subject's the faculty member is delivering.

AND

- e. Publish at least one paper in reputed conference/ journal during previous year.

AND

- f. If someone leaves the service within one year after availing the benefit, he/she has to deposit the whole amount of benefit before leaving.
5. It is proposed to provide two increments (6%) additional increment (Basic + AGP) after completion of five, ten and fifteen years of service at JECRC (taking 1/7/17 as base month and year to all the faculty members) under following conditions
 - a. Faculty member of Applied Science must have PhD qualification. They are given one year time for the registration and five year time for the completion of PhD there after their benefit may be considered from the date of completion certificate.
 - b. Associate Professor must have PhD qualification. They are given one year time for the registration and five year time for the completion of PhD there after their benefit may be considered from the date of completion certificate.
 - c. Assistant professor must have M.E. / M.Tech qualification. They are given one year time for the registration and three year time for the completion of M.E. / M.Tech there after their benefit may be considered from the date of completion certificate.

AND

- d. At least 50% students must have more than 60% marks in the theory subject's the faculty member is delivering.

AND

- e. Publish at least one paper in reputed conference / journal.
6. There will be additional benefit such as Mobile Number may be provided to all the HOD's, TPO's and Mentors of each semester students.
7. Faculty members who will complete Five years of service after 1/7 /17 and before 31/12/ 17 may be provided retention benefit •of 3% in addition to conventional increment only.
8. Assistant professors, Associate professors and Professors are provided with 5, 7, 10 days of duty leave respectively for taking examination, attending conference and any other academic assignment as assigned.
9. The faculty members who do not qualify criteria

5 for consecutive three years, retention benefits may be withdrawn.

10. Faculty member who publish a paper in a reputed conference/ journal listed in UGC approved list only will • be provided 50% of the registration charges subject to a maximum of Rs. 5000/(Five Thousand) only.
11. In case of promotion the next increment date will be the date of promotion. However, in case of any ambiguity the committee will decide the next increment date.
12. These will not be applied to non teaching staff including class IV servants.

Dr. V. K. Chandna

Amendment related to increase and retention benefit approved from NSERD in the year 2016

Promotion Policy

Under the fitment of proposal and increment retention benefit the faculty members are kept in the pay scale AGP of 6000, 7000, 8000 for Assistant Professors. 9000 AGP for Associate Professors. 10,000 AGP for Professors.

The change of AGP for one level to another AGP 6000 AGP 7000 after five years, from AGP7000, AGP

8000 after four years and from AGP 8000 to AGP 9000 after three years as per AICTE. Along with the faculty members who wish to promote to AGP 9000 must have minimum qualifications of Ph.D and must appear in front of Selection Committee for the same.

The above benefits will be applicable if the faculty members have at least 50% points out of 200 self-appraisal points.

[SELF ASSESSMENT REPORT]



Faculty Appraisal Form (Session 2020-2021) (Revised) For best faculty award Total 200 points

Name of Faculty Member:

Department:

Designation:

Points obtained in the three years	2017-18	2018-19	2019-20

S. No.	Item Name	Maximum Points	Points obtained												
1	Academic result 30 points average (90% students having more than 70% : 30 points, 80 -89% students having more than 70% result: 27 points, 70 -79% students having more than 70% result: 24 points, 60 -69% students having more than 70% result: 21, 60 -69% students having more than 60% result: 18 points, 50-59% students having more than 60% result: 15 points else ZERO) Example: <table border="1" style="margin-left: 20px;"> <tr> <th>Theory Subject</th> <th>Points obtained</th> </tr> <tr> <td>Sub-1</td> <td>30</td> </tr> <tr> <td>Sub-2</td> <td>27</td> </tr> <tr> <td>Sub-3</td> <td>0</td> </tr> <tr> <td>Sub-4</td> <td>18</td> </tr> <tr> <td>Average points scored</td> <td>75/4 i.e. 18.75</td> </tr> </table>	Theory Subject	Points obtained	Sub-1	30	Sub-2	27	Sub-3	0	Sub-4	18	Average points scored	75/4 i.e. 18.75	30	
Theory Subject	Points obtained														
Sub-1	30														
Sub-2	27														
Sub-3	0														
Sub-4	18														
Average points scored	75/4 i.e. 18.75														
2	Research Publication: Sci / Scopus / web of science indexed publication: 15 points, publication having ISSN / UGC approved: 10 points, National level publication: 5 points	30													
3	Faculty development programme 10 point average (one faculty development programme minimum 5 days attended 5 points, 2 points for attending 2 days workshop, subject to maximum of 10)	10													
4	Research grant received	5													
5	Patent 10 points / Product development (10) /	20													
6	New Skills (5) / additional specialization (5) / certification course (5)	15													
7	Innovation in teaching learning (5), video lecture (5), online MOOCs (5), Online notes uploading (5) on College website	20													
8	Technical activity organized (1 point / activity)	5													
9	National Initiative for Technical Teachers Training (NITTT) modules (5 points for each modules)	40													
10	Institute level activity organized / participated (1 point / activity)	5													
11	Any award received (1), session chair in conference (1), guest lecture (1), invited talk (1), etc.	5													
12	HOD recommendation maximum 30 points (Departmental responsibility 2 points, NBA related activity 5)	15													
Total		200													

Signature of Faculty

Signature of HOD

PRINCIPAL

Note: 1. HOD will verify the documentary proof.

2. Faculty member getting ZERO in criteria-1 or criteria-2 for the consecutive three years (CAY, CAY-1, CAY-2) appropriate action will be taken.

[SELF ASSESSMENT REPORT]



Technician Appraisal Form For The Month Of _____ - _____ For best technician award Total 150 points

Name of the Technician:

Department:

Designation:

Date of joining:

Points obtained	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun

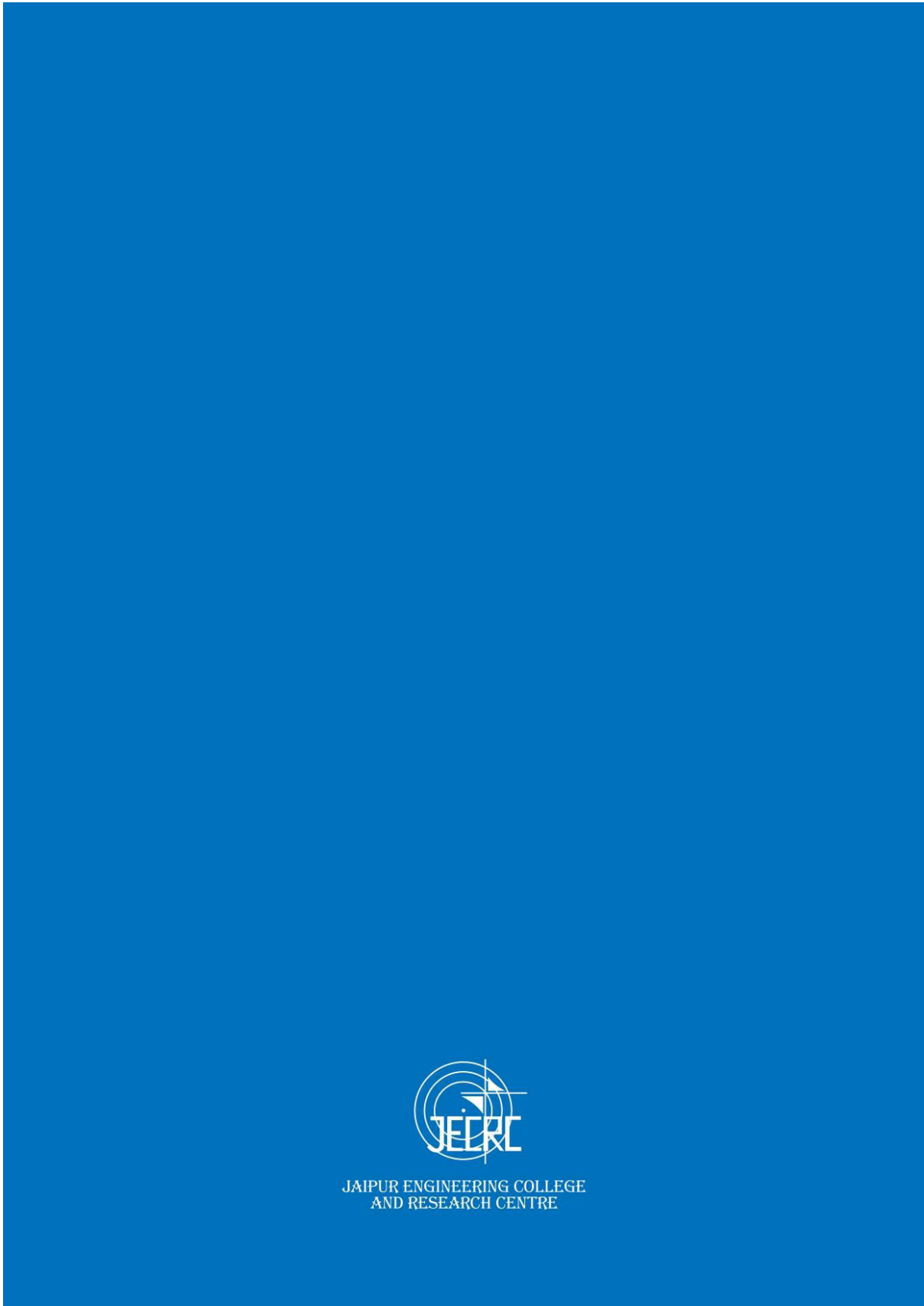
S. No.	Item Name	Maximum Points	Points obtained
1	Regularity (Days Present x actual lab hr engaged) / (Working days x Total lab hr) x 25	25	
2	Maintenance & Repairs How many lab equipments available in the lab A How many are in working condition B How many repaired yourself C Remaining repairing status D = [(B+C) / A] x 10	10	
3	How many experiments performed by yourself = (No. of experiment performed / Total Experiment) x 5	5	
4	Cleaning (1 marks per day) 1. Wearing proper neat & clean formal dress 2. Cleaning of labs rooms, tables, equipment's etc.	25	
5	Stock Register 1. Maintained stock register 2. Timely following stock audit process	20	
Criteria No. 6 to 8 - To be filled by the concerned HOD			
6	Behavior with faculty and HODs	15	
7	New skill certificate taken for lab	30	
8	HOD recommendation 1. Timely opening of lab 2. Maintaining lab properly 3. Properly close the lab after college hour 4. Performing other assignments other than assigned lab work 5. Behavior with the other colleagues and students	20	
Total		150	

Signature of Technician

Signature of HOD

PRINCIPAL

Note: 1. HOD will verify the documentary proof.



JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE

10.1.3. Decentralization in working and grievance redressal mechanism

HEAD OF ACADEMIC PROGRAM/DEPARTMENTS AND ADMINISTRATION

Program/Department/Section	Head
Principal	Prof. (Dr.) Vinay Kumar Chandna
Dean First Year	Dr. Ruchi Mathur
Deputy Dean First Year	Dr. Barkha Shrivastava
HOD Civil Engineering	Dr. Krishan Kant Saini
HOD Electrical Engineering	Dr. Prerak Bhardwaj
HOD Electronics and Communication Engineering	Dr. Sandeep Vyas
HOD Mechanical Engineering	Dr. M.P. Singh
HOD Computer Science and Engineering	Dr. Sanjay Gaur
HOD Information Technology	Dr. Smita Agarwal
HOD Artificial & Data Science	Ms. Manju Vyas
HOD Physics	Dr. Raj Kumar
HOD Chemistry	Dr. Barkha Shrivastava
HOD Mathematics	Dr. Ruchi Mathur
HOD English and Humanities	Dr. Neelu Jain

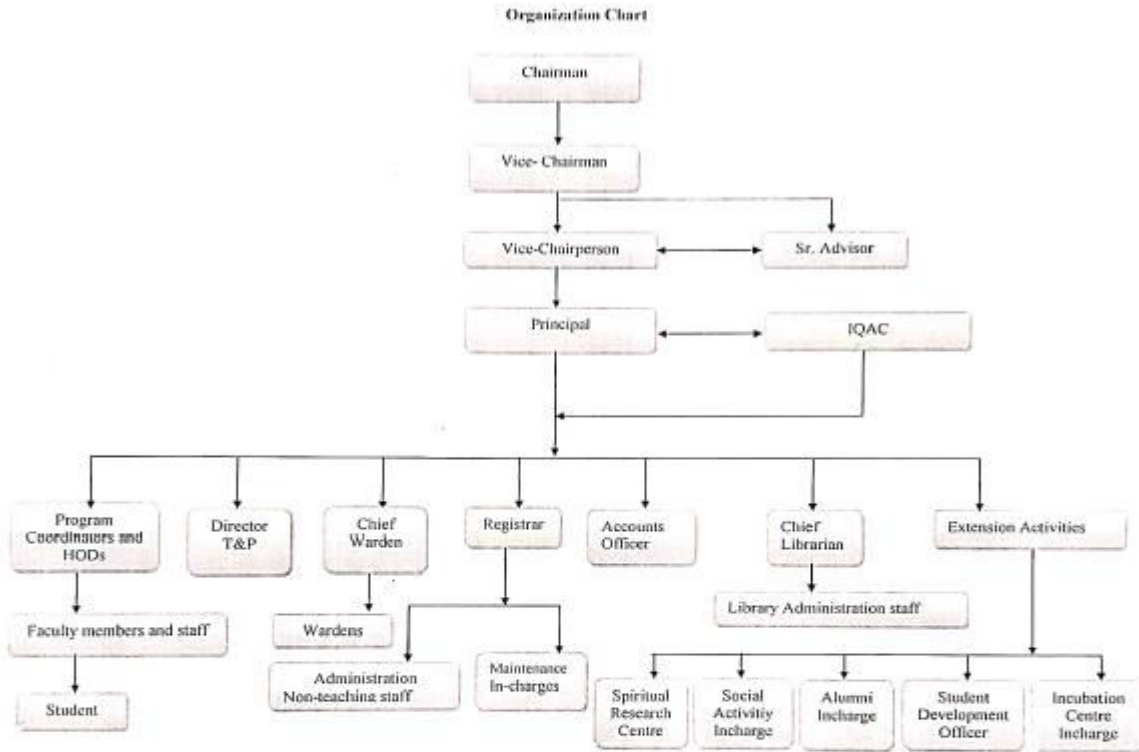
Management and Administration	Head
Vice Chairman	Shri M.L. Sharma
Senior Advisor	Shri O.P. Jain
Senior Advisor	Shri P.K. Tiwari
Senior Advisor	Prof. S.N. Gupta
Chief Administrator Officer	Shri P.K. Gupta
Registrar	Dr. R.K. Mangal
Librarian	Dr. Anita Jain
Sport Officer	Dr. Rajesh Sharma
Chief Hostel Warden	Shri P.K. Gupta
OS Office	Shri Sukesh Pathak
Account Officer	Shri Sumit Agarwal Shri Sandesh Pathak

Management Committees

Chairman	Shri O.P. Agarwal
Vice Chairman	Shri M.L. Sharma
Director	Shri Amit Agarwal
Director	Shri Arpit Agarwal

DECENTRALIZATION OF POWER

In the institute the powers are transferred from Chairman to the lower levels, it can be seen in the organization chart.




PRINCIPAL
 Jaipur Engineering College &
 Research Centre
 Tonk Road, Jaipur-302022



JECRC Foundation
 www.jecrcfoundation.com

Jaipur Engineering College and Research Centre
 Approved by AICTE & Affiliated to RTU
 JECRC Campus, Shri Ram Ki Mangal,
 Via Sitapura RIICO, Opp. EPIP Gate, Tonk Road, Jaipur 302 022
 t: 0141 2770120, 2770232 e: info@jecrcmail.com

[SELF ASSESSMENT REPORT]



Composition of grievance redressal cell including Anti-Ragging Committee



JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE

JECRC/Reg/2021-22/352

23.09.2021

Anti-Ragging Committee

S. No	Name of the Committee Member	Appointment Order Reference Number	Date of Appointment	Profession	Associated with	Mobile Number	e-mail address
1	Dr. Vinay Kumar Chandna	JECRC/REG/2020-21/575	9/10/2020	Principal	JECRC	9891406784	principal@jecrcmail.com
2	SHO	JECRC/REG/2020-21/575	9/10/2020	Police admin(Police inspector/SHO)	JECRC	1412770120	pktiware@jecrc.ac.in
3	Mr. O P Jain	JECRC/REG/2020-21/575	17/7/2019	Civil admin(Revenue/Taluka /Civil/Officers)	JECRC	9413335550	ravibhatnagar1982@gmail.com
4	Dr. SHRUTI KALRA	JECRC/REG/2020-21/575	9/10/2020	Professor	JECRC	9413335550	shrutikalra.ec@jecrc.ac.in
5	Mr. Manish Jain	JECRC/REG/2020-21/575	9/10/2020	Associate Professor	JECRC	7229823455	manish_jecrc@yahoo.com
6	Mr. Pranshu Sharma	JECRC/REG/2020-21/575	9/10/2020	Representatives of students/boys	JECRC	9667788552	pranshu.sharma@jecrc.ac.in
7	Dr. Anita Jain	JECRC/REG/2020-21/575	9/10/2020	Representatives of students/girls	JECRC	9829230353	anitajain.lib@jecrc.ac.in
8	Mr. Mukht Bihari	JECRC/REG/2020-21/575	9/10/2020	Representatives non-teaching	JECRC	9982682915	mukt@yahoo.com

Principal
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Jaipur Engineering College &
Research Centre
Tonk Road, Jaipur-302022



Jaipur Engineering College and Research Centre
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JECRC Campus, Shri Ram Ki Nagal,
Via Sitapura RHICO, Opp. EPIP Gate, Tonk Road, Jaipur 302 022
t: 0141 2770120, 2770232 e: info@jecrcmail.com

[SELF ASSESSMENT REPORT]



JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE

JECRC/REG/2021-22/058

14/07/2022

GRIEVANCE REDRESSAL COMMITTEE 2021-22

Name	Position	Category	Appointment order reference number	Date of appointment	Telephone number	E-mail	Address
Mr. Manish Jain	Chairman	Senior faculty/HOD	JECRC/REG/2019-20/065	14-07-2020	7229823495	manishjain.me@jecrc.ac.in	Malviya Nagar, Jaipur
Mr. P.K Gupta	Member	Chief warden/warden	JECRC/REG/2019-20/065	14-07-2020	9982682475	cao@jecrc.ac.in	Shipra Path, Mansarovar, Jaipur
Dr. Rajesh Sharma	Member	Chief proctor/Member counsellor	JECRC/REG/2019-20/065	14-07-2020	9314777421	rajeshsharma.sports@jecrc.ac.in	2/654 Malviya Nagar Jaipur
Dr. M.P Singh	Member	Chief proctor/Member counsellor	JECRC/REG/2019-20/065	14-07-2020	9414203639	mpsingh.me@jecrc.ac.in	467, Sri Ram Vihar, Near Mahal Yojana,
Dr. Ruchi Mathur	Member	Other senior faculty	JECRC/REG/2019-20/065	14-07-2020	9828159024	hodmath@jecrc.ac.in	3/1 kabir marg sfs mansarovar jaipur
Dr. Sandeep Vyas	Secretary	Proctor/Student Counsellor	JECRC/REG/2019-20/065	14-07-2020	8118872966	hod.ece@jecrc.ac.in	B-60, Barkat Nagar (Ext.), Tonk Phatak,
Mr. Yogendra Sharma	Member	Architect/Civil engineer	JECRC/REG/2019-20/065	14-07-2020	9680772200	yogendrasharma@jecrc.ac.in	JECRC Campus, sitapura tonk

Prof. Dr. Vinay Kumar Chandna
Principal

PRINCIPAL
Jaipur Engineering College &
Research Centre
Tonk Road, Jaipur-302022

- CC to:
1. Director
 2. Registrar
 3. All Departmental HoD's
 4. Account Office
 5. OS
 6. Library

Anti Ragging Committee

Minutes of Meetine held on 30/10/2021

Venue- At C-Block, Board Room

Time - 1.00 PM & onwards

Agenda ;

1. To Curb the Menace of Ragging
2. Other issues

Members Present:-

1. Sh. M.L. Sharma, Chair
2. Sh. P. K. Tiwan, Sr. Advisor
3. Prof. V. K. Chandna, Principal
4. Prof. R. K. Mangal, Registrar
5. Sh. P. K. Gupta, CAO
6. Sh. Manish Jain, Dy Director
7. Dr. Ruchi Mathur, Dean Ist Year
8. Prof. M. P. Singh, HoD, ME
9. Prof. Sanjay Gaur, HoD, CSE
10. Prof. Smita Agarwal, HoD, IT
11. Prof. Sandeep Vyas, HoD, ECE
12. Prof. S. K. Dixit, HoD, Physics
13. Dr. S. K. Singh, ECE
14. Dr. Parul Tyagi, ECE

15. Dr. Vijeta Kumawat, CSE
16. Sh. Krishan Kumar Saini, HoD, Civil
17. Sh. Hetram Sharma
18. Dr. Barkha Srivastava, HoD, Chy
19. Prof. U. K. Pareek, Maths
20. Dr. Neelu Jain, E&H
21. Sh. Amit Mithal, CSE
22. Sh. Neeraj Prakash Shrivastava, AI&DS
23. Sh. Kuldeep Sharma, ME
24. Sh. Gopal Tiwari, EE
25. Ms. Jisha Varghese, EE
26. Dr. Anita Jain, Library
27. Sh. Amitabh Gupta
28. Sh. Ravi Bhatnagar, In-Charge, Transport

1. Sh. M. L. Sharma, Vice- Chairman, chaired the meeting.
2. He welcomed all the members and appreciated the efforts made to keep campus free from ragging as no specific incident of ragging is reported in the past year.
3. The Vice –Chairman focused on the Zero Tolerance Policy against ragging in the institution & desired that the information regarding Anti- Ragging Committee members are displayed on all the notice boards and buses.

4. The Circular of University Grant Commission, issued by Prof. Rajnish Jain containing guidelines for the educational institute was readout by the Chair-person and discussed on following points –
- Constitution of Anti Ragging Committees and Anti Ragging Squads, Monitoring Cell and Disciplinary Committee.
 - Undertaking from the students and their parents.
 - Security in the campus and in the buses.
 - Display of ample posters of ragging- free campus.
 - Duties and responsibilities of hostel wardens.
 - Holding meetings, seminars, joint sensitization programmes involving students, faculty, parents, guardians, district authorities etc.
 - Identifying vulnerable places in the campus.
5. In –charges of different Section were asked to do the below mentioned action in their respective area to minimize the possibility of ragging –

S. No	Action	Action taken by
1.	The Library will remain open for issue and return of books only till further guidelines from Government of Rajasthan. No sitting allowed.	Dr. Anita jain
2.	OS shall prepare a list of faculty members who will be deputed for night duty for both hostels for a month starting from 13.02.2020.	Sh. Amitabh Gupta
3.	Sh. P. K. Tiwari, IPS & DGP (Retd.), Sr. Advisor will take sessions for the Senior students and the new comers for apprising the students about the legal consequence of ragging.	Sh. P. K. Tiwari

[SELF ASSESSMENT REPORT]



4.	Registrar shall prepare block wise Anti Ragging Squad of faculty members and assign their duty in the Campus.	Registrar
5.	In Girls hostel, In-Charge will monitor the area closely and interact with senior girl students regularly to ascertain ragging free environment.	Ms. Raj Pareek
6.	Principal will take meeting with the faculty and staff members to continue with the night duties based on their feedback.	Prof. V. K. Chandna
7.	The CAO will visit the Hostels and nearby area on regular intervals along with the wardens for close vigil.	Sh. P. K. Gupta
8.	In the College bus, students must be closely watched, any suspected activities may be reported to the Registrar promptly so that necessary action could be taken in time. In the buses, Mobile No. of the Registrar, CAO and Bus In -charge must be displayed.	Sh. Ravi Bhatnagar, Transport In-charge

Chair of the meeting thanked all members for their active participation.

Meeting ended with a vote of thanks.

for
Prof. V. K. Chandna
Principal

[SELF ASSESSMENT REPORT]



JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE

JECRC/Reg/2021-22/352

23.09.2021

Anti-Ragging Committee

S. No	Name of the Committee Member	Appointment Order Reference Number	Date of Appointment	Profession	Associated with	Mobile Number	e-mail address
1	Dr. Vinay Kumar Chandna	JECRC/REG/2020-21/575	9/10/2020	Principal	JECRC	9891406784	principal@jecrcmail.com
2	SHO	JECRC/REG/2020-21/575	9/10/2020	Police admin(Police inspector/SHO)	JECRC	1412770120	pktiwari@jecrc.ac.in
3	Mr. O P Jain	JECRC/REG/2020-21/575	17/7/2019	Civil admin(Revenue/Taluka /Civil/Officers)	JECRC	9413335550	ravibhatnagar1982@gmail.com
4	Dr. SHRUTI KALRA	JECRC/REG/2020-21/575	9/10/2020	Professor	JECRC	9413335550	shrutikalra.ec@jecrc.ac.in
5	Mr. Manish Jain	JECRC/REG/2020-21/575	9/10/2020	Associate Professor	JECRC	7229823455	manish_jecrc@yahoo.com
6	Mr. Pranshu Sharma	JECRC/REG/2020-21/575	9/10/2020	Representatives of students/boys	JECRC	9667788552	pranshu.sharma@jecrc.ac.in
7	Dr. Anita Jain	JECRC/REG/2020-21/575	9/10/2020	Representatives of students/girls	JECRC	9829230353	anitajain.lib@jecrc.ac.in
8	Mr. Mukht Bihari	JECRC/REG/2020-21/575	9/10/2020	Representatives non-teaching	JECRC	9982682915	mukt@yahoo.com

Principal
PRINCIPAL
Jaipur Engineering College &
Research Centre
Tonk Road, Jaipur-302022



JECRC Foundation
www.jecrcfoundation.com

Jaipur Engineering College and Research Centre
Approved by AICTE & Affiliated to RTU
JECRC Campus, Shri Ram Ki Nangal,
Via Sitapura RIICO, Opp. EPIP Gate, Tonk Road, Jaipur 302 022
t: 0141 2770120, 2770232 e: info@jecrcmail.com

[SELF ASSESSMENT REPORT]



Priya Jyotiyan <priyajyotiyan.cse@jecrc.ac.in>

Fwd: Reg. Hostel Night Duty

1 message

IQAC JECRC <iqac@jecrc.ac.in>
To: Priya Jyotiyan <priyajyotiyan.cse@jecrc.ac.in>

Tue, Nov 1, 2022 at 12:50 PM

----- Forwarded message -----

From: Principal JECRC <principal@jecrc.ac.in>

Date: Sat, Aug 20, 2021 at 4:23 PM

Subject: Reg. Hostel Night Duty

To: Vice Chairman <vicechairman@jecrc.ac.in>, director <director@jecrcmail.com>, CS Deptt. HOD <hod.cse@jecrc.ac.in>, Dean First year <deanfirstyear@jecrc.ac.in>, Dr.sandeep Vyas <dr.sandeepvyas.ee@jecrc.ac.in>, EE Deptt. HOD <hod.ee@jecrc.ac.in>, Gopal Tiwari <gopaltiwari.ee@jecrc.ac.in>, Hetram Shama <hetram.ce@jecrc.ac.in>, HOD AI&DS <hod.ai@jecrc.ac.in>, HOD Chemistry <hod.chem@jecrc.ac.in>, HOD Civil <hod.ce@jecrc.ac.in>, HOD E&H <hod.eh@jecrc.ac.in>, HOD ECE <hod.ece@jecrc.ac.in>, HOD IT <hod.it@jecrc.ac.in>, HOD Maths <hod.maths@jecrc.ac.in>, HOD ME <hod.me@jecrc.ac.in>, HOD Physics <hod.phy@jecrc.ac.in>, IQAC JECRC <iqac@jecrc.ac.in>, Librarian JECRC <librarian@jecrc.ac.in>, M. P. Singh <mpsingh.me@jecrc.ac.in>, Manish Jain <dydirector.sp@jecrc.ac.in>, Office Last <os@jecrc.ac.in>, p. k. Gupta <cao@jecrc.ac.in>, Piyush Gautam <piyushgautam.it@jecrc.ac.in>, Rahul Saxena <pa.director@jecrc.ac.in>, Rajesh Sharma <rajeshsharma.sports@jecrc.ac.in>, Registrar JECRC <registrar@jecrc.ac.in>, Sandesh Pathak <sandeshpathak.acct@jecrc.ac.in>, Tovindra Kumar Sahu <tovindra@jecrc.ac.in>, U. K. Pareek <ukpareek.math@jecrc.ac.in>, vijay sharma <vjsharma22@gmail.com>, manju vyas <manjuvyas.cse@jecrc.ac.in>, Rekha JECRC <reklamithal.chem@jecrc.ac.in>, Vinita Mathur <vinitamathur.ece@jecrc.ac.in>, Parul Tyagi <parulyagi.ece@jecrc.ac.in>, Richa Sharma <richasharma.cse@jecrc.ac.in>, Sonali Chaddha <sonalichaddha.ee@jecrc.ac.in>, Anita Jain <anitajain.lib@gmail.com>, Dr.Tripti Gupta <Drtriptigupta.math@jecrc.ac.in>, Yogita Punjabi <yogitapunjabi.math@jecrc.ac.in>, Ritu vyas <rituvyas.ece@jecrc.ac.in>, Neelu Jain <neelujain.eh@jecrc.ac.in>, Kusum Yadav <kusumyadav.it@jecrc.ac.in>, Vikas Sharma <vikassharma.ece@jecrc.ac.in>, Lalit kumar sharma <Lalitkumarsharma.me@jecrc.ac.in>, Nitin Chhabra <nitinchhabra.me@jecrc.ac.in>, Sachin Gupta <sachingupta.cse@jecrc.ac.in>, Amit Mithal <amitmithal.cse@jecrc.ac.in>, Jitendra sharma <jitendrasharma.ece@jecrc.ac.in>, Brijesh Kumar Singh <brijeshkumarsingh.it@jecrc.ac.in>, Tej Bahadur Singh <tejbahadur.me@jecrc.ac.in>, Ashish Boraidda <ashish.ce@jecrc.ac.in>, Gajendra Sharma <gajendrasharma.cse@jecrc.ac.in>, Sunil Kumar Sharma <sunilksharma.ee@jecrc.ac.in>, Sunil Kumar Srivastava <sunil.math@jecrc.ac.in>, Jitendra Gupta <jitendragupta.me@jecrc.ac.in>, Dr.Manish Srivatsava <manishsrivastava.me@jecrc.ac.in>, Ashish Sharma <ashishsharma.ece@jecrc.ac.in>, Shrikant Bansal <shrikant.bansal@gmail.com>, abhishek dixit <abhishek.dixit.cse@jecrc.ac.in>, Dr.Vishal Saxena <vishalsaxena.math@jecrc.ac.in>, Dayal Singh Rathore <dayalsinghrathore.me@jecrc.ac.in>, Man Mohan Siddh <manmohan.me@jecrc.ac.in>, Yogesh Agarwal <yogesh.ce@jecrc.ac.in>, Dr. Rajkumar <rajkumar.phy@jecrc.ac.in>, Teekam Singh <teekamsingh.ce@jecrc.ac.in>

Circular No.2021-22/32

28.08.2021

CIRCULAR

Reg: Hostel night duty

Consequent upon re-opening of College and Hostels wef 01-09-2021, following faculty members will perform the night duty from **8 PM to 9 AM(Sunday being 10AM to 5PM)** as per the dates mentioned below. They will visit the hostel and mess during this period and will take dinner and breakfast in the respective hostel. Surprise rounds shall be taken (warden also shall be associated) at 2300hrs, 0100 hrs, 0300hrs and 0500 hrs to check whether everything is in order. Following the rules and regulations of the Hostels. They will report to Chief Hostel Warden -

Date	Day	Girl's Hostel	Boy's Hostel
1.09.2021	Wednesday	Ms. Smita Agarwal, IT	Dr. Sanjay Gaur, CSE Mr. Vikas Sharma, ECE
2.09.2021	Thursday	Ms. Manju Vyas, AI	Mr. K K Saini, Civil Mr. Lalit Sharma, ME
3.09.2021	Friday	Dr. Rekha Mithal, Chy	Mr. Sandeep Vyas, ECE Mr. Nitin Chhabra, ME
4.09.2021	Saturday	Dr. Vinita Mathur, ECE	Dr. M P Singh, ME Mr. Sachin Gupta, CSE
5.09.2021 (10AM to 5PM)	Sunday	Ms. Parul Tyagi, ECE	Mr. Amit Mithal, CSE Mr. Jitendra Kumar Sharma, ECE
6.09.2021	Monday	Ms. Richa Sharma, CSE	Mr. U K Pareek, Maths Mr. Brijesh Kumar Singh, IT
7.09.2021	Tuesday	Ms. Sonali Chaddha, ECE	Mr. Prerak Bhardwaj, EE Mr. Taj Bahadur Singh, ME
8.09.2021	Wednesday	Ms. Anita Jain	Dr. S K Dixit, Phy Mr. Ashish Boiradia, Civil
9.09.2021	Thursday	Ms. Mithilesh Arya, IT	Mr. Gajendra Sharma, ME Mr. Sunil Kumar Sharma, EE
10.09.2021	Friday	Dr. Barkha Srivastava, Chy	Dr. Sunil Kumar Srivastava, Maths Mr. Jitendra Gupta, ME
11.09.2021	Saturday	Ms. Ruchi Mathur, Maths	Dr. Manish Srivastava, ME Mr. Ashish Sharma, ECE

[SELF ASSESSMENT REPORT]



Annexure -A

ROLES & RESPONSIBILITIES CHART FOR NIGHT DUTY IN HOSTEL

<u>S. NO.</u>	<u>FROM</u>	<u>TO</u>	<u>LOCATION OF DUTY</u>	<u>REPORTING TO</u>	<u>SIGNATURE OF WARDEN</u>
<u>1.</u>	8 PM	9 PM	Presence in the Mess	Warden	
<u>2.</u>	9 PM	10 PM	Presence in the Lawn by the Male faculty member & Quadrangles by the Female faculty member	Warden	
<u>3.</u>	10 PM	11 PM	Hostel rooms visit	Warden	
<u>4.</u>	11 PM	11.30 PM	Tea time		
<u>5.</u>	11.30 PM	12.30 PM	Hostel rooms visit.	Warden	
<u>6.</u>	12.30 AM		Rest		
<u>7.</u>	3 AM	4 AM	Round of hostel and ground.	Warden	
<u>8.</u>	8 AM	9 AM	Tea & Breakfast		

Date: -

Signature of Faculty member


PRINCIPAL
Jawahar Education Centre
Research Centre
Tarak Road, Jaipur-302022

[SELF ASSESSMENT REPORT]



JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE REPORT ON NIGHT DUTY

Dear Sir

Our night duty was scheduled on 3 August 2018 (Friday) to avoid ragging in (if any) Boys Hostel-I and Boys Hostel-II. We arrived at JECRC campus at 8 PM and reported to hostel warden Mr. Ashok Sharma. We stayed there overnight and visited both boys hostels BH-1 and BH-2 and nothing found suspicious. Also we talked to first year students, they don't have any issue till moment. They are enjoying their new phase of life. We instructed them to call/inform immediately to their respective hostel warden in case if they find anything uncomfortable.

Annexure -A

ROLES & RESPONSIBILITIES CHART FOR NIGHT DUTY IN HOSTEL

<u>S. NO.</u>	<u>FROM</u>	<u>TO</u>	<u>LOCATION OF DUTY</u>	<u>REPORTING TO</u>	<u>SIGNATURE OF WARDEN</u>
1.	8 PM	9 PM	Presence in the Mess	Warden	
2.	9 PM	10 PM	Presence in the Lawn by the Male faculty member & Quadrangles by the Female faculty member	Warden	
3.	10 PM	11 PM	Hostel rooms visit	Warden	
4.	11 PM	11.30 PM	Tea time	-	-
5.	11.30 PM	12.30 PM	Hostel rooms visit.	Warden	
6.	12.30 AM		Rest	-	-
7.	3 AM	4 AM	Round of hostel and ground.	Warden	
8.	8 AM	9 AM	Tea & Breakfast	-	-

Date: - **3/8/18**

Signature of Faculty member

1. Lalit Kumar Sharma

2. Piyush Gautam



[SELF ASSESSMENT REPORT]



Jaipur Engineering College & Research Centre

From : Principal Office

To : Members of Anti Ragging Committee

Noting Reference No. JECRC/01/2019-20/20

24/07/19

Minutes of the meeting and action taken

Venue : Board Room of Block C
Date & Time : Wednesday July 24, 2019 at 12:00 Noon

Agenda :

1. To Curb the Menace of Ragging
2. Any other issues

Members Present :

1. Shri O.P. Jain, Chair
2. Shri M.L. Sharma
3. Shri P.K. Tiwari
4. Prof. V.K. Chandna
5. Prof. A. Williamson
6. Shri P.K. Gupta
7. Dr. Ruchi Mathur
8. Ms. Raj Pareek
9. Dr. Sandeep Vyas
10. Shri Sitaram Gurjar
11. Shri Sumish Bhatnagar
12. Shri Amitabh Gupta
13. Shri Nitin Singh
14. Shri Mukesh Kumar
15. Shri Ashok Sharma
16. Shri Ravi Bhatnagar
17. Shri Ashish Kulshrestha
18. Dr. Anita Jain

Meeting started at 12:00 Noon; following items were discussed –

1. Shri O.P. Jain, Chair of the meeting welcomed all members and thanked all for their untired efforts for refrain the campus ragging free, as no case of ragging was reported during the year 2018-19. He readout circular of Prof. Rajnish Jain, University Grants Commission. He focused on the Ragging free campus and discussed on the following points –
 - a. Constitution of Anti Ragging committees and Anti Ragging Squads, Monitoring Cell and Disciplinary committee.
 - b. Undertaking from the students and their parents
 - c. Security in the campus and in the buses
 - d. Display of ample posters of ragging free campus

- e. Duties and responsibilities of hostel wardens (male as well as female)
- f. Holding meetings, seminars, joint sensitization programmes involving students, faculty, parents, guardians, district authorities etc.
- g. Identifying vulnerable places in the campus.

2. Action taken –

- a. Shri Ravi Bhatnagar, Incharge College bus, will ensure faculty member, those who are travelling through College, should be seated in the last row of the bus and also every day they will share the photograph of College bus alongwith students.
 - b. Dr. Anita Jain, Librarian, will ensure that library staff members will take care of the students while students are in the library.
 - c. Ms. Raj Pareek, Incharge Girls Hostel, will ensure homely atmosphere in Girls hostel and also form an anti-ragging squad comprising senior students and the warden in the Girls' Hostel.
 - d. Shri P.K. Gupta, CAO, alongwith hostel wardens will ensure regular round in the College campus and the nearby area. He will also form a separate anti ragging squad for hostelers comprising senior, junior students and the wardens.
 - e. Shri P.K. Tiwari, Sr. Advisor will take sessions for the Senior Students and the new comers. Registrar will prepare a detailed program.
 - f. Initially for one month, OS office will prepare duty chart of faculty members for night shift in the College hostels by ensuring one female faculty member in Girls' hostel and two male faculty members in the boys' hostel. Faculty members will stay and take round during the night hours.
 - g. Prof. V.K. Chandna, Principal will interact with all staff members on 24/07/2019 at 3:00 PM for Curbing the Menace of Ragging. Registrar will coordinate the meeting.
 - h. Registrar will prepare zone wise duty chart of faculty members.
3. In the end Chair of the meeting thanked all members for their active participation.
4. Meeting ended with a vote of thanks to the Chair.

[SELF ASSESSMENT REPORT]



1/19/22, 9:38 AM

JECRC Mail - CSE Vigilance team to ensure a nuisance free campus



Priya Jyotiyana <priyajyotiyana.cse@jecrc.ac.in>

CSE Vigilance team to ensure a nuisance free campus

1 message

HoD CS <hod.cse@jecrc.ac.in>
To: Faculty members - CS <faculty.cse@jecrc.ac.in>
Cc: Principal JECRC <principal@jecrc.ac.in>

Tue, Oct 26, 2021 at 12:32 PM

As per the direction of the higher authorities department of Computer Science & Engineering has been appointed following members of the Vigilance team to ensure a nuisance free campus.

All the faculty members are directed to take round and maintain the decorum as per given schedule and locations.

No.	Name of Faculty	Timing	Location
1.	Mr Ashish Ameria	08:30 AM – 12:00 Noon	Main gate to A Block
2.	Mr. Kanishk Jain		
3.	Mr. Abhishek Dixit	12:00 Noon – 03:30 PM	Main gate to A Block
4.	Mr. Abhishek Jain		
5	Mr Pradeep Sharma	08:30 AM – 12:00 Noon	A Bock Ground Floor
6	Mr. Amit Mithal		
7	Ms Tanta Shruti	12:00 Noon – 03:30 PM	A Bock Ground Floor
8	Ms Neha Solanki		
9	Ms. Suniti Chouhan	08:30 AM – 12:00 Noon	A Bock First Floor
10	Mr Sachin Gupta		
11	Ms Anima Sharna	12:00 Noon – 03:30 PM	A Bock First Floor
12	Ms Richa Sharma		
13	Ms Sweety Singhal	08:30 AM – 12:00 Noon	Surrounding A Block to E block
14	Ms Garima Garg		
15	Mr Rajan Jha	12:00 Noon – 03:30 PM	Surrounding A Block to E block
16	Ms Uma Mahweswary		
17.	Ms Divya	08:30 AM – 12:00 Noon	A Bock Second Floor
18.	Dr. Vijeta Kumawat		
19.	Ms. Sheetal	12:00 Noon – 03:30 PM	A Bock Second Floor
20.	Ms. Geerija Lawania		

Dr. Sanjay Gour

Professor & Head, Department of Computer Science & Engineering
Jaipur Engineering College & Research Centre
Address: JECRC Campus, via Sitapura, Tonk Road, Jaipur-302022, Rajasthan, India
Vision of Computer Science Department

To become renowned Centre of Excellence in Computer Science and Engineering and make competent engineers and professionals with high ethical values prepared for lifelong learning.

<https://mail.google.com/mail/u/0/?ik=91bb167a01&view=pt&search=all&permthid=thread-f%3A1714664848009124070&siml=msg-f%3A1714664848...> 1/2

[SELF ASSESSMENT REPORT]



JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

Dear Students,

1. We welcome and congratulate you for seeking admission in this college. It is a fact that in this transitional phase you have left your school life and probably homely environment and would be entering into a new phase. Therefore, we would be more than willing to help you solving problems/difficulties, if any faced by you as a fresher and would extend all the necessary help.
2. To overcome the menace of ragging, college, administration has already made plans for FRESHERS' induction and orientation, which promote efficient and effective means of integrating. These plans will be communicated to you by the office shortly.
3. Besides, we all would ensure that ugly scar of ragging is obliterated from the face of all educational institutions. Here, we would like to inform you that you may turn up to the following persons in case of any help/guidance in the most unlikely event of the so-called ragging.

S.No.	Name	Designation	Mobile Number
1.	Dr. UK Pareek	Chief Proctor	9785506667
2.	Ms. Ruchi Mathur	Proctor	9828159024
3.	Mr. Anshul Mittal	Proctor	9772620462
4.	Ms. Shruti Kalra	Proctor	9414371413
5.	Dr. M. P. Singh	Proctor	9414203639
6.	Dr. Anita Jain	Chief Librarian	9829230353
7.	Ms. Sanjay Raghav	Warden Girls Hostel	9982603534
8.	Mr. Ravi Bhatnagar	Transport Incharge	9024149459
9.	Sh. PK Gupta	Chief Warden/CAO	9982682475
10.	Sh. Ashok Sharma	Warden Boys Hostel	9982682914

4. You are instructed that you should desist from doing anything against your will even if required by the seniors and should not have any fear, as the institution cares for you and shall not tolerate any mischief against any student.
5. You are requested not to hesitate in seeking any help and guidance and to report any incidents of harassment, teasing etc., either as victim or even as a witness.

May I add that your college has always been ragging-free.

Wishing you a bright future in the college.



V. Singh
July 2015
Principal

[SELF ASSESSMENT REPORT]



WOMEN CELL



JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE

Ref: JECRC/REG/2021-22 /051

Date: 12/07/2021

WOMEN CELL COMMITTEE 2021-22							
Name	Position (Chairman/ Member)	Category	Qualification	Designation	Telephone Numbers	E-mail	Address
Dr. Barkha Srivastava	Presiding Officer	Senior Lady	Ph. D	Associate Professor	7621995265	barkhasrivasta va.chem@jecr c.ac.in	102, Income Tax Colony, Malviya Nagar, Jaipur- 302017
Dr. Shruti Kalra	Member	From NGO	Ph. D	Associate Professor	9414371413	shrutikalra.ecc @jecrc.ac.in	53-A, Scheme-3, Pratap Nagar, Jaipur
Sh. P. K. Tiwari	Member	Legal Representative	Post Graduate	Advisor	9829044224	pktiwari@jecrc .ac.in	Nirman Nagar, Jaipur
Dr. Vijeta Kumawat	Member	Faculty	Ph. D	Associate Professor	9829176557	vijetakumawat. cse@jecrc.ac.i n	J-57 B, Sharma colony, Nandpuri, 22 Godam, Jaipur
Dr. Anita Jain	Member	Staff/Member Secretary	Ph. D	Librarian	9829230353	anita.lib@jecrc .ac.in	D-268, Sarvanand Marg, Malviya Nagar, Jaipur

Prof. (Dr.) Vinay Kumar Chandna
Principal

PRINCIPAL
Jaipur Engineering College &
Research Centre
Tonk Road, Jaipur-302022

CC to:

1. Director
2. Registrar
3. All Departmental HoD's
4. Account Office
5. OS
6. Library

2015-2016

JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE,
(SHRI RAM KI NANGAL, VIA SITAPURA RIICO, OPP.EPIP GATE, TONK ROAD, JAIPUR-302022)

Women Cell

In accordance with the directives from AICTE New Delhi and RTU Kota, the existing Women cell for safe and secure working environments for girls and Women at JECRC Campus is hereby re-constituted as follows with immediate effect.

S.NO.	NAME	POST	MOBILE NO.
1	Dr. Seema Joshi	Chairperson	9413689436
2	Dr. Anita Jain	Secretary	9829230353
3	Ms. Neelam Chaplot	Member	9414396960
4	Dr. Urmila Gupta	Member	9772524494
5	Dr. Umesh Pareek	Member	9785506667
6	Smt. Raj Pareek	Member	9982682911
7	Ms. Ritu Vyas	Member	9462213444

The Chairperson is requested to convene frequent meetings with Women staff and girl students and communicate any complaints and action taken thereon to the Vice-Chairman, the Director, The Principal and also the Registrar for onward transmission to the RTU, if necessary.

The Chairperson may also communicate the essence of any meetings held with the Government agencies, NGOs etc.



Principal

10.1.4. Delegation of financial powers

Reg. No. - 6274, 24/03/17

National Society for Engineering Research and Development

Regd. Off. : H-8, Chitraujan Marg, C-Scheme, Jaipur 302 001

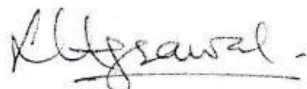
Phone - 91-0141-410000

COPY OF RESOLUTION

GOVERNING BODY MEETING DATED 10th March 2017

Agenda Item No 4- Delegation of financial powers to the Head of Institution.

Secretary proposed that Principal of the Jaipur Engineering College & Research Centre (Head of Institution) may be delegated financial power for the expenditure up to Rs. 1.00 Lakh. Accordingly, it was resolved that Principal of the Jaipur Engineering College and Research Centre be delegated with the power for the expenditure up to Rs. 1.00 Lakh.



Secretary

National Society For Engineering
Research & Development
JAIPUR

[SELF ASSESSMENT REPORT]



Jaipur Engineering College & Research Centre

From : Principal Office

To : All Program Coordinators/HODs

Noting Reference No. JECRC/02/2017-18/269

29/05/18

Minutes of the Meeting

Venue : Board Room – Block A

Date & Time Wednesday; May 30, 2018 at 11:00 AM

Agenda

1. Confirmation of minutes of the last meeting during 2015-16
2. Annual report of the College for the academic year 2016-17
3. Annual report of the College for the academic year 2017-18
4. Proposed activities for the new academic year 2018-19
5. Any other issues with the permission of the Chair

Special invited Guest:

1. Shri Amit Agrawal, Special invited Guest

Members Present:

1. Shri M.L. Sharma, Chairman
2. Prof. (Dr.) V.K. Chandna, Member Secretary
3. Shri Manish Jain, Member
4. Dr. Umesh Kumar Pareek, Member
5. Dr. Naveen Hemrajani, Invited from other University
6. Dr. Sylvester Fernandes, Member (Invitees)
7. Shri Rajeev Bhargava, Member (Invitees)

Members absent:

1. Dr. Rajesh Singhal, Member (RTU Kota)
2. Nominee from the AICTE
3. Nominee of the state Govt./UT.
4. An Industrialist nominated by the State Govt.
5. Shri Deepak Motwani, Member (Invitees)
6. Shri Atul Kumar, Member (Invitees)

V. @QwR
29/5/18

Contd..2/-

[SELF ASSESSMENT REPORT]



Meeting started at 11:00 AM; following items were discussed –


1. With the permission of the Chair, Dr. Vinay Kumar Chandna, Member Secretary welcomes all the dignitaries.
2. He read the last minutes of the meeting and further it was approved by the members unanimously.
3. He presents the annual report of the year 2016-17 and 2017-18, following items were discussed –
 - a. Vision and Mission of the institute
 - b. 12 points Program outcome
 - c. Decentralization of power – institute’s organization chart was discussed. He informed that an amount of Rs. 10,000/- is sanctioned to all the Program Coordinators/HODs, Dean II Shift, Dean I year, all section incharges to meet out the immediate requirement of the fund. He also clears that on the submission of account further amount is disbursed.
 - d. Students’ result analysis
 - e. For the placement data; it was made clear that placement percentage is based on unique offers. The data of higher education, engaged with family business, startups etc. will be included later.
 - f. Nine MoUs at National level and two MoUs at International level were signed to enhance the students’ technical knowledge as per the market requirements. Shri Rajeev Bhargava suggested that we should adopt a process in which these certified courses should be validated by the MSME / University. These certificate courses may be examined by the university if possible it can be from JECRC University. Member secretary has noted the same for further action.
 - g. Content beyond syllabus was discussed. Shri Manish Jain informed the members about the duration of the course. Member secretary informed that these courses are running after the college hours. Students are taking interest in these courses.
 - h. Research Grants from the Govt. agencies and also proposed FDP/workshop/Seminar during the 2018-19 was discussed in brief. Member secretary informed that proposal of approx. 70 lacs were submitted to the Govt. agencies for conducting the different activities.
 - i. Budget and expenditure discussed in brief. Member secretary made clear that “other than R&D” means academic activities, it is not included research related activities. Shri Amit ji appreciated the R&D activities he pointed out that in the year 2015-16 budget was Rs. 2,50,000/- and in the year 2018-19 (proposed) it rose to Rs. 20,00,000/- it shows that students are taking interest in R&D activities.
 - j. QIV rating 2016-17 and 2017-18 was discussed. In the year 2016-17 the score was 616/1000 and after efforts this year it rose to 740/1000. Shri Amit Agrawal asked what is the highest marks so far, member secretary replied it will be checked out.

V. P. Chaudhary 28/11/18

[SELF ASSESSMENT REPORT]



- k. Member secretary told that faculty members will be motivated for paper publication at international level reputed journals.
 - l. Proposed activities for the coming year were discussed in brief.
4. Inputs by the industry –
- a. Dr. Silvester suggested that more budget for the students' R&D activities should be incorporated in more elaborate manner i.e. budget should be clearly mentioned R&D, transportation, other expenditure etc.
 - b. Centre of excellence should be opened 24x7.
 - c. Result oriented training program should be incorporated.
 - d. Shri Rajeev Bhargava suggested development of digital content
 - e. These types of meetings should be twice in a year.
 - f. In next meeting more representatives from the industry should be incorporated.
5. The meeting ended with a vote of thanks to the Chair.


Member Secretary

10.1.5. Transparency and availability of correct/unambiguous information in public Domain

All Information's are available at College Website, Students Broachers, Liberty etc.



[SELF ASSESSMENT REPORT]



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Address bar: Not secure | jecrcfoundation.com/pdf/JECRC-Brochure-2018.pdf

Navigation: Home, Back, Forward, Refresh, Stop, Print, Full Screen, Search, Star, Menu

Search: Search

Bookmarks: Apps, dr_avi...@yaho..., Prof.(Dr) Anurakt Wil..., Recently Liked Quote..., Read Collection | Re..., Prof (Dr) Anurakt Wil..., PoemHunter.com: P..., Other bookmarks



Principal's Message

Jaipur Engineering College and Research Centre (JECRC) Jaipur is recognized as one of the best technical institute in the Rajasthan, and is adopting the process of change that demands quality outcome based education. The vision of the institute is to become an institute of excellence in imparting outcome based education, providing facilities to the students to get placement in reputed companies, providing a platform to the students for overall self-development that includes ethics and moral values, while developing research aptitude through project based learning.

In the process of implementing Outcome Based Education (OBE), the faculty members are measuring the progress and competencies of students as they go through a course in each semester and are being assessed against pre-defined targets.

Engineers are the wealth of the nation and excellence in all disciplines is the present requirement of the country, for sustained economic growth to compete globally. Nearly seventeen years ago, the founders of JECRC embarked on a journey to educate and nurture the finest engineers. It gives me immense pleasure to share that JECRC is contributing to the growth of the nation by providing outcome based education to their students and nurturing them to compete at a global level.

The faculty and technical staff members are committed to cater professional as well as research driven project based learning to the students, and accordingly the teaching-learning process is tuned so as to fulfill their career growth in the prevalent emerging technology. Different programs have resulted in overall growth and penetration of students in varied dimensions, be it research, innovation, entrepreneurs, educationists or even as sports person and bureaucrats etc.

With the support of qualified, dedicated and hardworking faculty, the institute has achieved enviable ranking in a short span. I have no doubts that with this pace, the institute will relentlessly march ahead of other eminent institutes at the national level. Let's give our best and make this institute a modern temple of outcome based learning through our diligence, devotion and dedication.

All the credit goes to the outstanding reputation and dedication of the institute for all these years, under the able guidance of visionary Shri Anil Agrawal and Shri Arpit Agrawal, Directors of the JECRC Foundation.

Wishing you all the best!



Dr. Vinay Kumar Chandra, Principal
B.E., M.E., Ph.D. (D.C.E.)
Sr. Member IEEE, LMSTE
MIEEE Education Society

Vision

To become a renowned centre of outcome based learning, and work towards academic, professional, cultural and social enrichment of the lives of individuals and communities.

Mission

- Focus on evaluation of learning outcomes and motivate students to inculcate research aptitude by project based learning.
- Identify, based on informed perception of Indian, regional and global needs, areas of focus and provide a platform to gain knowledge and solutions.
- Offer opportunities for interaction between academia and the industry.
- Develop human potential to its full potential so that intellectually capable and imaginatively gifted leaders can emerge in a range of professions.


Browser tabs: JECRC

Address bar: Not secure | jecrc.in

Navigation: Home, About, Students, Courses Offered, Training and Placements, Alumni, Abhyudaya, Downloads, SAR, Contact Us

Search: Search

Bookmarks: Apps, Inbox (26) - registr..., WELCOME TO PRE, Inbox - jecrcjaipur@..., JECRC, Other bookmarks



Welcome to JECRC Foundation

An individual's freedom lies in the way he is taught to express his thoughts, and this expression essentially comes from education. Established over a decade ago, JECRC Foundation has been providing quality education to its students, setting rationale in their minds for the transformation of technology, and ideologies of the world at large.

Perceived as the unparalleled educational group, JECRC Foundation is continuously ascending the steps of glory by establishing premier institutes in the field of engineering, management and pure & applied sciences; viz. :

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Home | About | Students | Courses Offered | Training and Placements | Alumni | Abhyudaya | Downloads | SAR | Contact Us



#JECRC_SUPERHERO

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Development of a unique and creative approach to life and education is the prime focus of JECRC Foundation.

NEWS & EVENTS

- JMAG Edition-9 released.
- Sh. Anil Agarwal, Chairman, Vedanta Resources Plc @ JECRC
- 700 Placements in 2 Days with 2 Companies
- Induction Day for Batch 2015-19
- JMAG Edition-7 released.
- Anti-Ragging Initiative
- NIRF Engineering


PRINCIPAL'S MESSAGE



Dr. V.K. Chandna
Principal

Jaipur Engineering College and Research Centre (JECRC), Jaipur is recognized as one of the best technical institute in the Rajasthan and is adopting the process of change that demands quality outcome-based education. The vision of the institute is to become an institute of Excellence in imparting outcome based education, providing facilities to the students to get placement in reputed companies, providing platform to the students for overall self-development that includes

DIRECTOR'S MESSAGE



Shri Arpit Agrawal
Director

Welcome to JECRC Foundation. At JECRC Foundation we are committed to ensure holistic development of our engineers who are going to be at the leadership positions in the coming years. We inspire our engineers to build their own world and a life based on power of knowledge coupled with strength of traditional wisdom unleashing the countless opportunities to become leaders pushing the frontiers of Science and Technology to embark on an enduring

Outcome based education

Jaipur Engineering College and Research Centre, Jaipur has implemented Outcome Based Education (OBE) in the Institute. JECRC is proud to mention that it has created necessary manpower and infrastructure to implement Outcome Based Education from the year 2014-15. So far the Technical Institutions have been imparting teaching through a traditional system where the learning outcomes of the students are not clearly measured. The 'Washington Accord' emphasize on outcome based education. There is a need to develop a standard approach to match quality assurance for Engineering Programs. The graduating Engineers of the future will need to be evaluated in their outlook and experience and be ready for global opportunities. So, there is a need and challenge for all Technical Institutions to aid and empower the future students for global environment.


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Welcome to JECRC Foundation

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Perceived as the unparalleled educational group, JECRC Foundation is continuously ascending the steps of glory by establishing premier institutes in the field of engineering, management and pure & applied sciences; viz. :

- Jaipur Engineering College & Research Centre (JECRC)
- JECRC University

Every year, more than 5000 students entrust JECRC Foundation with the responsibility of shaping their minds for a better future. Commanding the priority list of best engineering colleges in Jaipur, it has become the preferred choice of students from all across India, showing keen interest in admissions through various mediums of JEE and REAP.

Development of a unique and creative approach to life and education is the prime focus of JECRC Foundation

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CORRELATION - PEOS, POS AND COS

Outcome Based Education

The OBE Framework

KEY CONSTITUENTS OF OUTCOME BASED EDUCATION

The Outcome Based Education focuses on outcomes through achievement of learning objectives of their program. The OBE strongly emphasize student centric learning and adaptation of modern teaching-learning systems. JECRC has gone far ahead in implementing OBE where every student will distinctly write-down the learning outcomes in every hour of lecture he/she attends. The Teachers have been given specialized training to embark on OBE method of delivery and use of modern teaching-learning systems. With this OBE, it is expected that the students distinctly gain excellent knowledge in their relevant branch and contribute to the development of the organizations where they are employed.

JECRC is also a Centre for imparting training on NBA which emphasize on OBE. The OBE process at JECRC is expected to raise the standards of Technical Education imparted in the Institute in the coming years. JECRC is committed for creating knowledge, skills and problem solving abilities among students of all ranks.

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Photo Gallery

OUR PRIDE

SMART INDIA

JECRC 0.1

TEDx JECRC

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Photo Gallery

OUR PRIDE

SMART INDIA HACKATHON '18

JECRC Hackathon 10th-11th January 2018 A DIGITAL PRODUCT DEVELOPMENT PLATFORM

TEDx JECRC independently organized TED event

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Photo Gallery

OUR PRIDE

OUR PRIDE

SMART INDIA HACKATHON '18

JECRC Hackathon 0.1
A DIGITAL PRODUCT DEVELOPMENT PLATFORM

JECRC Hackathon 1.0
A DIGITAL PRODUCT DEVELOPMENT PLATFORM

TEDx JECRC
Independently organized TED event

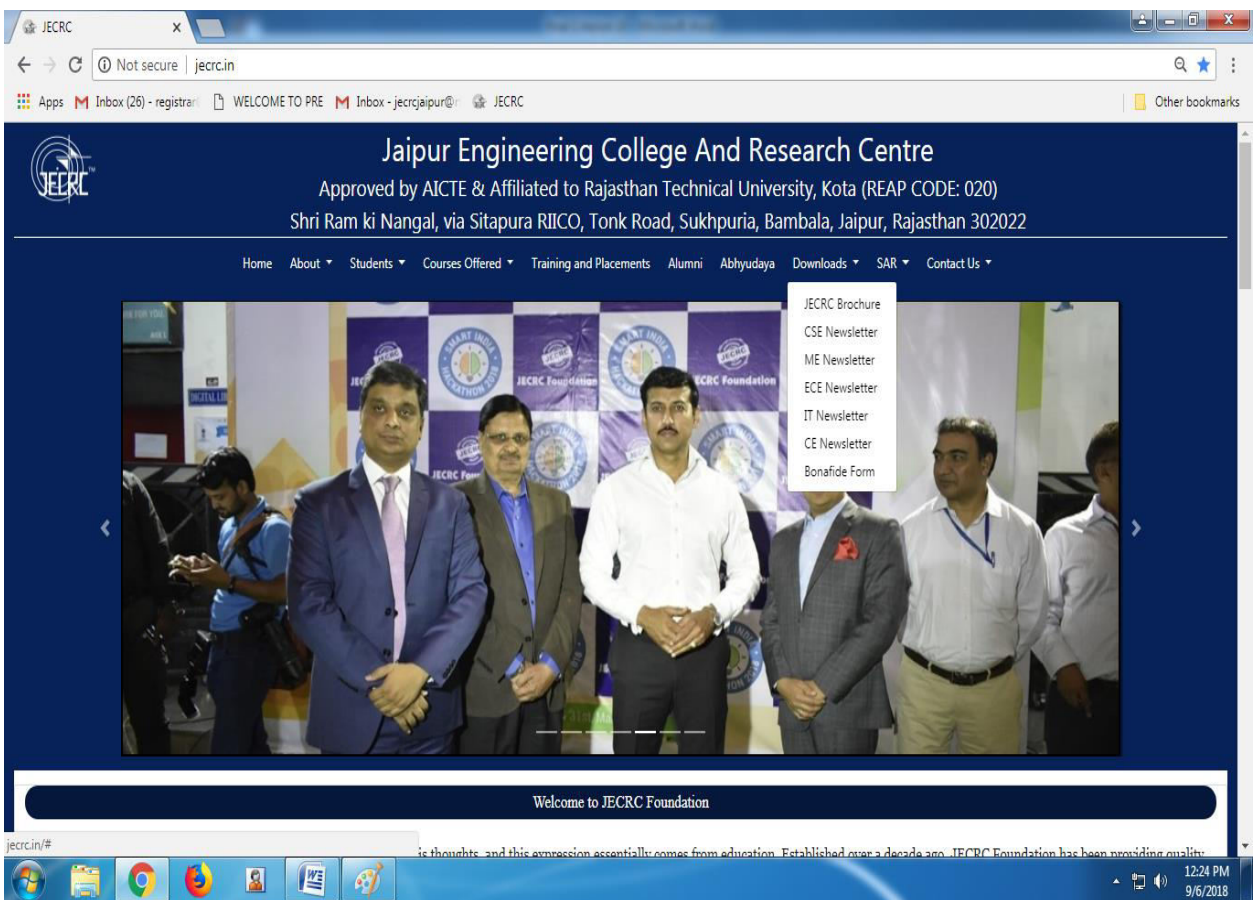
JECRC MUN
Diplomacy at Its Zenith

JECRC CONFERENCE

MOU

ABHYUDAYA

SPIRITUAL RESEARCH CENTRE
JECRC



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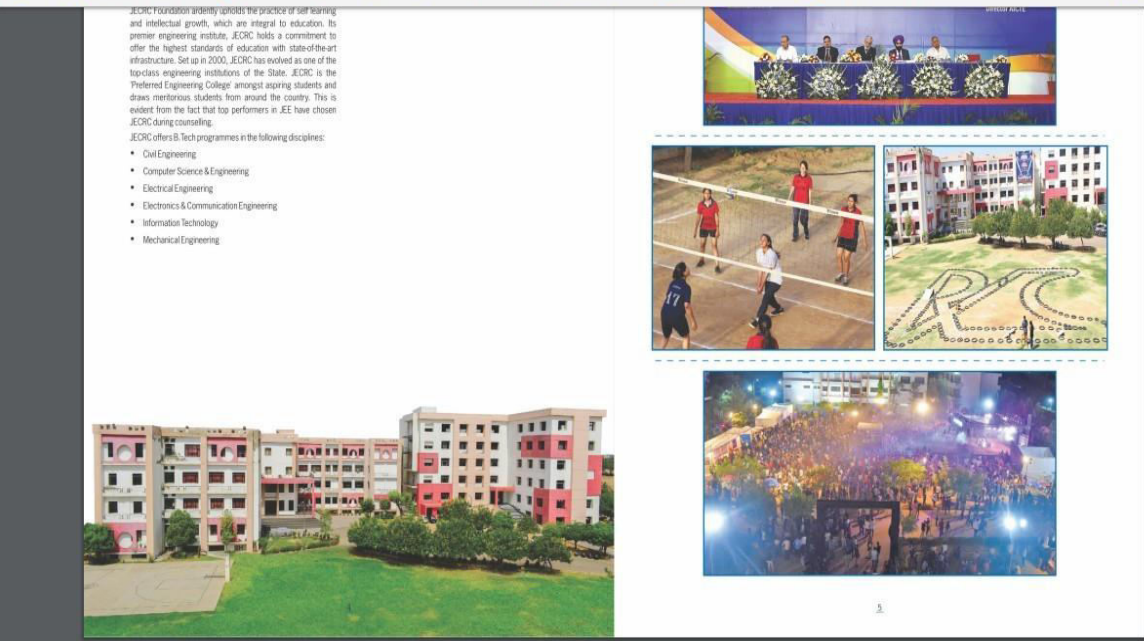
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Apps dr_awilliam@yahoo.c Prof.(Dr.) Anurakt Wil Recently Liked Quote | Re | Prof (Dr) Anurakt Will PoemHunter.com: Po Other bookmarks

JECRC Foundation ardently upholds the practice of self-learning and intellectual growth, which are integral to education. Its premier engineering institute, JECRC holds a commitment to offer the highest standards of education with state-of-the-art infrastructure. Set up in 2000, JECRC has evolved as one of the top-class engineering institutions of the State. JECRC is the "Preferred Engineering College" amongst aspiring students and draws meritorious students from around the country. This is evident from the fact that top performers in JEE have chosen JECRC during counselling.

JECRC offers B.Tech programmes in the following disciplines:

- Civil Engineering
- Computer Science & Engineering
- Electrical Engineering
- Electronics & Communication Engineering
- Information Technology
- Mechanical Engineering




Windows taskbar: 22:49 02-09-2018

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For the Second Time in a Row
Jecrc Foundation Produced

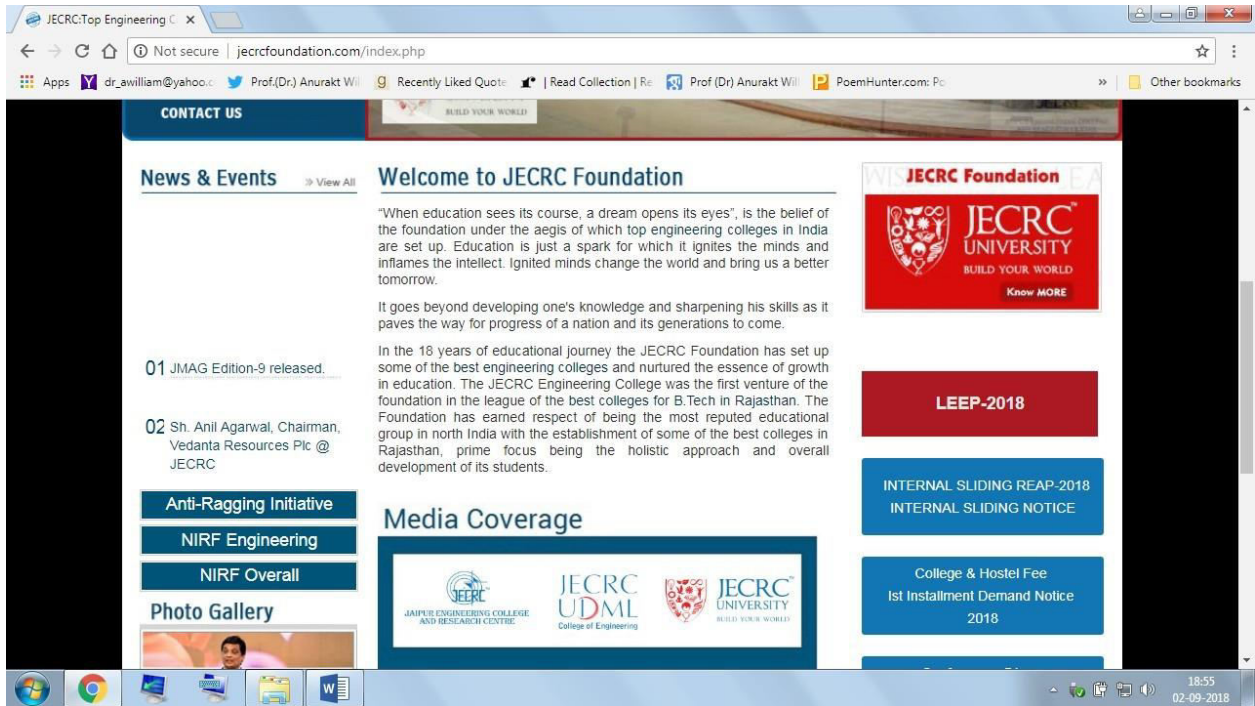
THE HIGHEST NUMBER
Of Microsoft Student Partner
Selected From A Single Group Of Institution In India.

10 Student

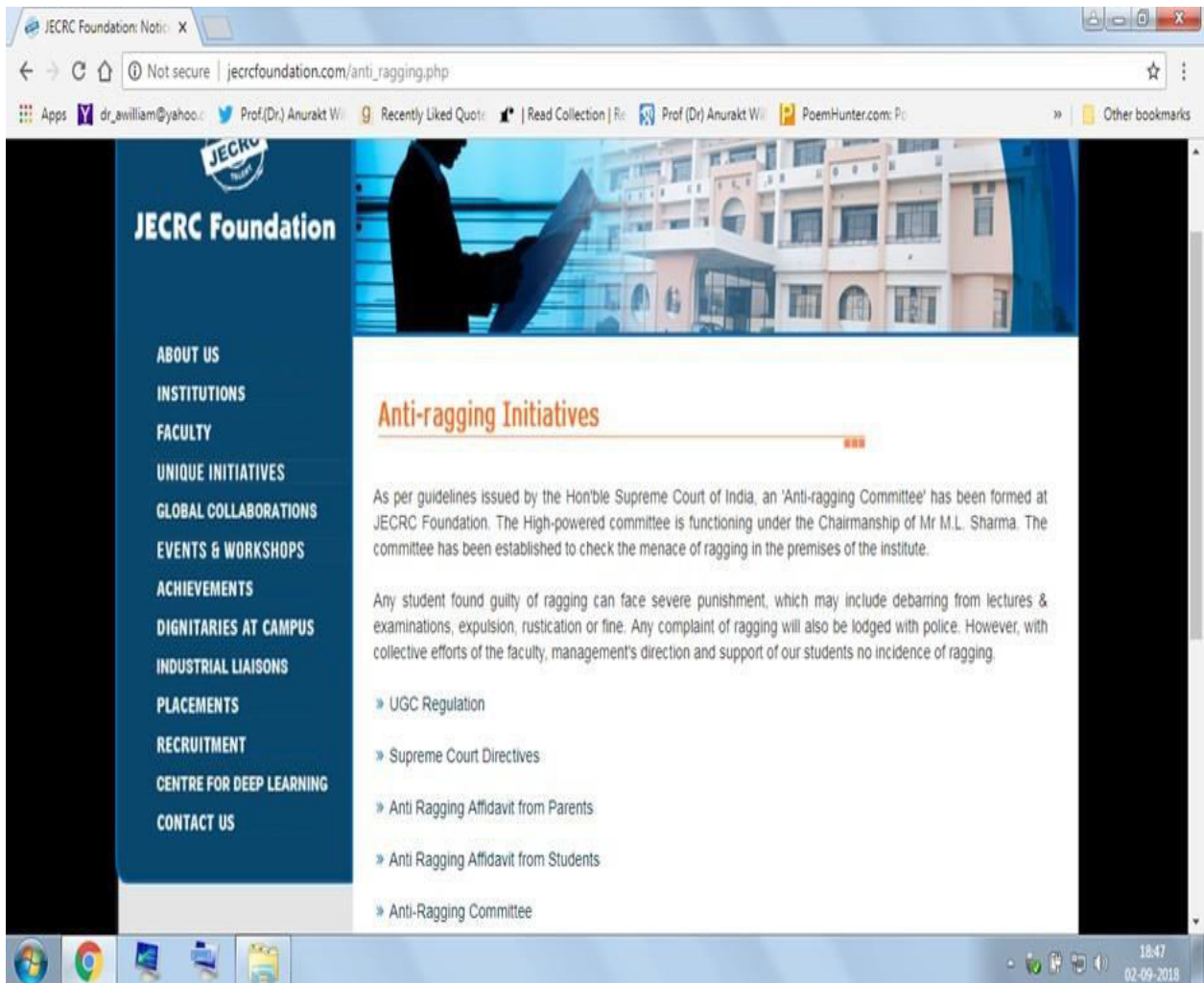


JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE | www.jecrcfoundation.com

Windows taskbar: 00:33 03-09-2018



The screenshot shows the homepage of the JECRC Foundation website. The browser address bar displays 'jecrcfoundation.com/index.php'. The page features a navigation menu with 'CONTACT US' and 'BUILD YOUR WORLD'. The main content area includes a 'News & Events' section with two items: '01 JMAG Edition-9 released.' and '02 Sh. Anil Agarwal, Chairman, Vedanta Resources Plc @ JECRC'. Below this is a 'Media Coverage' section with logos for JECRC, JECRC UDML, and JECRC UNIVERSITY. On the right, there are several call-to-action buttons: 'LEEP-2018', 'INTERNAL SLIDING REAP-2018', and 'College & Hostel Fee 1st Installment Demand Notice 2018'. The taskbar at the bottom shows the system time as 18:55 on 02-09-2018.



The screenshot shows the 'Anti-Ragging Initiatives' page on the JECRC Foundation website. The browser address bar displays 'jecrcfoundation.com/anti_ragging.php'. The page features a navigation menu on the left with items like 'ABOUT US', 'INSTITUTIONS', 'FACULTY', 'UNIQUE INITIATIVES', 'GLOBAL COLLABORATIONS', 'EVENTS & WORKSHOPS', 'ACHIEVEMENTS', 'DIGNITARIES AT CAMPUS', 'INDUSTRIAL LIAISONS', 'PLACEMENTS', 'RECRUITMENT', 'CENTRE FOR DEEP LEARNING', and 'CONTACT US'. The main content area is titled 'Anti-ragging Initiatives' and contains text explaining the formation of an 'Anti-ragging Committee' under the Chairmanship of Mr M.L. Sharma. It also lists several initiatives:

- » UGC Regulation
- » Supreme Court Directives
- » Anti Ragging Affidavit from Parents
- » Anti Ragging Affidavit from Students
- » Anti-Ragging Committee

The taskbar at the bottom shows the system time as 18:47 on 02-09-2018.

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The screenshot shows a web browser window with the URL `jecrc.in/pages/administration.php?section=antiragging`. The page features a header image of a panel of officials at a conference. Below the image is a table titled "Anti-Ragging Committee" with the following data:

S.No.	Name	Designation	Mobile Number
1.	Dr. UK Pareek	Chief Proctor	9785506667
2.	Ms. Ruchi Mathur	Proctor	9828159024
3.	Mr. Anshul Mittal	Proctor	9772620462
4.	Ms. Shruti Kalra	Proctor	9414371413
5.	Dr. M.P. Singh	Proctor	9414203639
6.	Dr. Anita Jain	Chief Librarian	9829230353
7.	Ms. Sanjay Raghav	Warden Girls Hostel	9982603534
8.	Mr. Ravi Bhatnagar	Warden Girls Hostel	9982603534
9.	Sh. PK Gupta	Chief Warden/CAO	9982682475
10.	Sh. Ashok Sharma	Warden Boys Hostel	9982682914

Library

The screenshot shows a web browser window with the URL `jecrc.in/pages/library.php?section=mision_vision`. The page features a header image of a panel of officials at a conference. Below the image is a section titled "VISION and MISSION" with the following content:

Vision
The vision of the library is to provide comprehensive resources and services in support of the research, teaching and learning needs of the college community.

Mission

- M1. Build connections and create tools to support teaching and learning.
- M2. Optimal use of available resources and services.
- M3. Ensure the preservation and long lasting availability of LRC resources.
- M4. Create attractive and comfortable physical and virtual environments for study and research.
- M5. Collaborate with faculty members and research scholars to enrich the collection and services

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Spiritual Research Lab

In this fast pacing world running behind the power of technology, there is a loss of awareness of Self and the Supreme power. The meaning of life has changed its definition from happiness to luxury. A pious place is created in JECRC to rejuvenate and re-establish the lost definition of Self and broken connection with the Supreme. It has a sound proof Meditation Room developed as silence zone for meditation and self-contemplation. It also includes a Spiritual Library, with collection of best selling spiritual and inspirational books. Regular classes are conducted in Wisdom Hall which is designed as a smart classroom. A Research Laboratory for conducting research on meditation is equipped with EEG, EMG, Karadascan, Auro Scanning and other health monitoring devices. Mr. Mukesh Agarwal, Ms. Chitra Khandeival and Ms. Ashanksha Desai are providing insight for the accomplishment of objectives of the Spiritual Cell.

Events @ Spiritual Research Lab

Mindfulness Survey at College



A survey of Mindfulness of the Faculty members was conducted using a psychological tool, Five Facet Mindfulness Questionnaire (FFMQ) in May 2017.

Yoga Day at JECRC University



A one hour session was conducted on June 21 st, 2017 on Indian Yoga & Meditation at Spiritual Research Cell, JECRC Campus. Shri Mukesh Agarwal, Asso. Prof. (CSE) conducted the session with meditation practitioner and trainer on Patanjali's Ashtang Yoga and the benefits of meditation in daily life on the occasion of Yoga Day after the Yoga practice at SIS stadium.

Joy of Giving & First Anniversary of Spiritual Research Cell



During the Joy of Giving week and on the First anniversary of the Spiritual Research Cell, Oct. 6, 2017, a value based session for students of Zarurat was organized where Shri Arpit Agarwal, Director JECRC graced the occasion.

Self-Empowerment through Meditation

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Self-Empowerment through Meditation



An intensive 8 days workshop from Nov. 2 nd, 2017 to Nov. 10 th, 2017 for First Year students was organized for empowerment through Meditation. Special invitee, Prof. (Dr.) Vijay Singh Rathore, HOD CSE, enlightened the students.

AICTE Health Survey



During a workshop on Executive Leadership Program, Dec. 24 th - 25 th, 2017, the team members and AICTE staff members were invited for advanced health survey using Bio-well and Karadascan.

Self-Empowerment through Meditation -II



In continuation with the Workshop in December, second series of the session on Self-Empowerment through meditation was conducted successfully with two batches for first year students during Feb. 8 th to Feb. 16 th 2018. Guest Speaker Rajyogini B. K. Sushma was invited on the final day of the workshop for an interactive session on 'Practical Spirituality'.

Research Presentation at London International Conference



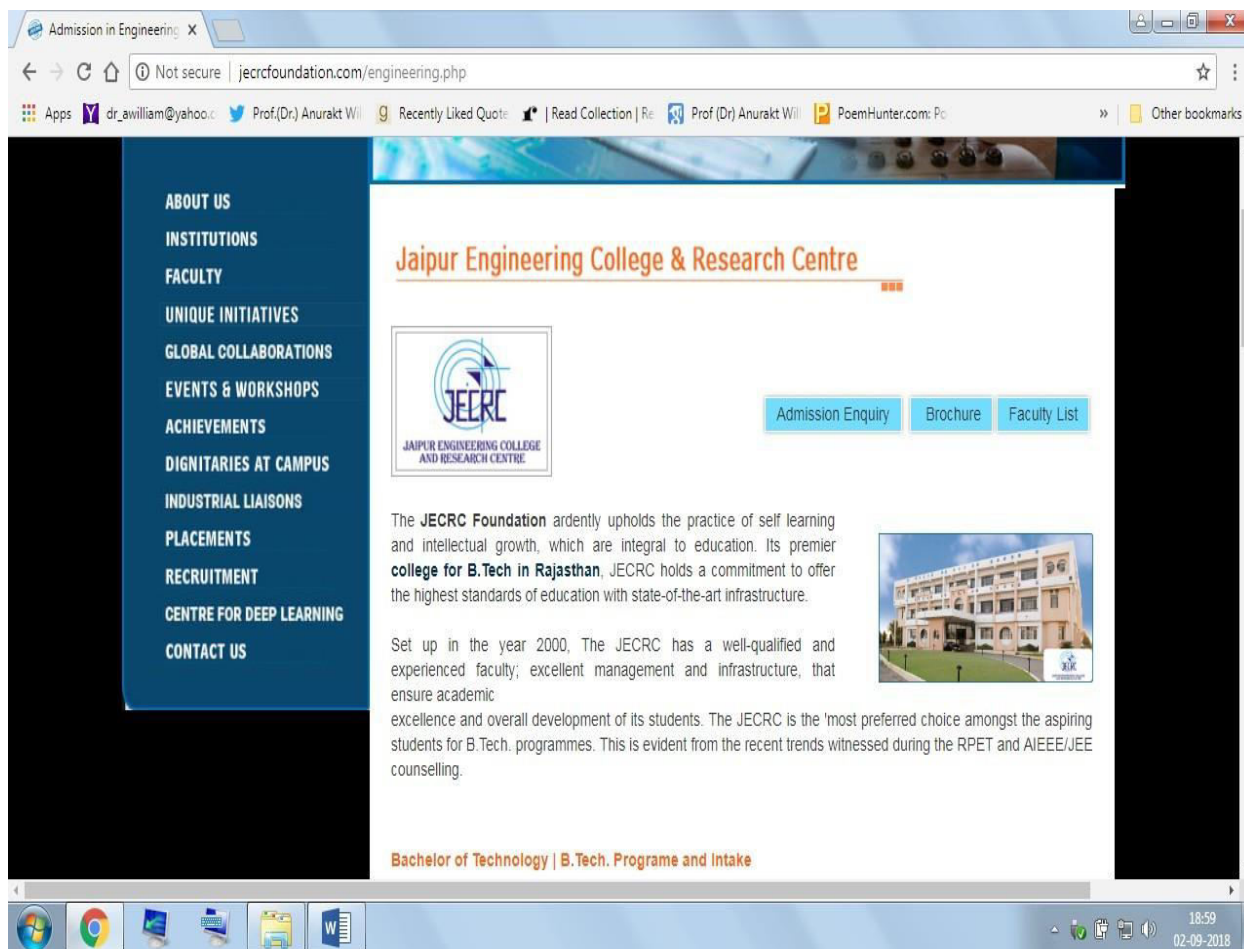
Comparative analysis of mindfulness was presented at the international conference, ICICT (International Congress on Information and Communication Technology) during 27 th -28 th February, 2018 in Brunel University, London and published in Springer Proceedings. It was found in this research study that meditators are more observant and non-reactive than non-meditators. Hence, meditation helps in developing useful coping skills for successful and happy living.

Yoga Class during Smart India Hackathon

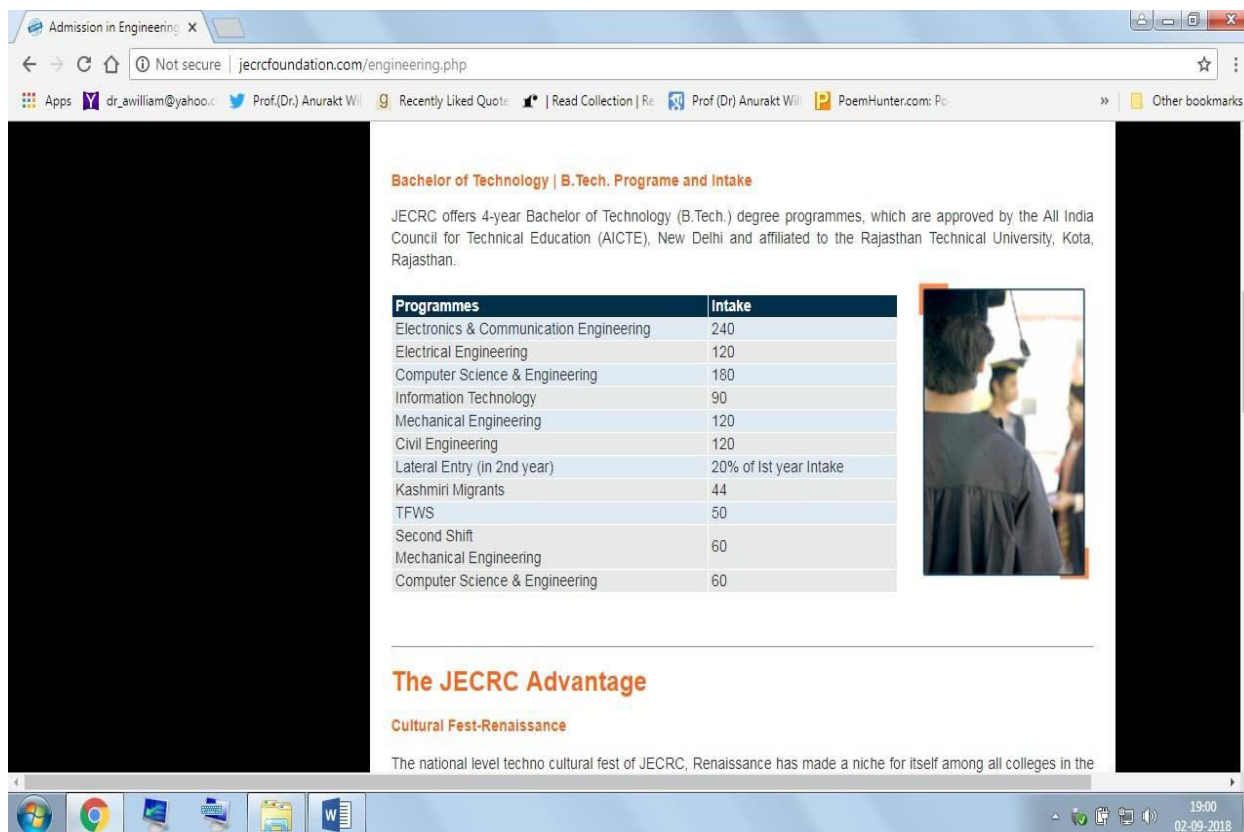


With the sunrise in the bright sunshine of March 01 st, 2018, participants were revived with some yoga exercises and peaceful meditation. After the session, teams were again guided by the mentors and then they got back to their coding again!!

[SELF ASSESSMENT REPORT]



The screenshot shows the homepage of the Jaipur Engineering College & Research Centre (JECRC). The browser address bar shows 'jecrcfoundation.com/engineering.php'. A dark blue navigation menu on the left lists various sections: ABOUT US, INSTITUTIONS, FACULTY, UNIQUE INITIATIVES, GLOBAL COLLABORATIONS, EVENTS & WORKSHOPS, ACHIEVEMENTS, DIGNITARIES AT CAMPUS, INDUSTRIAL LIAISONS, PLACEMENTS, RECRUITMENT, CENTRE FOR DEEP LEARNING, and CONTACT US. The main content area features the JECRC logo, a 'Jaipur Engineering College & Research Centre' heading, and three buttons: 'Admission Enquiry', 'Brochure', and 'Faculty List'. Below this, there is a paragraph about the JECRC Foundation's commitment to self-learning and intellectual growth, followed by a photograph of the college building. Another paragraph describes the college's setup in 2000 and its focus on academic excellence. At the bottom of the page, the text 'Bachelor of Technology | B.Tech. Programme and Intake' is visible.



The screenshot shows the 'Bachelor of Technology | B.Tech. Programme and Intake' page on the JECRC website. The browser address bar shows 'jecrcfoundation.com/engineering.php'. The page content includes a heading 'Bachelor of Technology | B.Tech. Programme and Intake', a paragraph stating that JECRC offers 4-year B.Tech. degree programmes approved by AICTE, and a table listing various programmes and their intakes. To the right of the table is a photograph of a student in a graduation gown. Below the table, the heading 'The JECRC Advantage' is followed by the sub-heading 'Cultural Fest-Renaissance' and a partial sentence: 'The national level techno cultural fest of JECRC, Renaissance has made a niche for itself among all colleges in the'.

Programmes	Intake
Electronics & Communication Engineering	240
Electrical Engineering	120
Computer Science & Engineering	180
Information Technology	90
Mechanical Engineering	120
Civil Engineering	120
Lateral Entry (in 2nd year)	20% of 1st year Intake
Kashmiri Migrants	44
TFWS	50
Second Shift	
Mechanical Engineering	60
Computer Science & Engineering	60

[SELF ASSESSMENT REPORT]



Browser tabs: JECRC, JECRC Conference, M to be uploaded at our ne...

Address bar: jecrc.in/pages/placements.php?section=home

Navigation: Home, Vision and Mission, Center for Deep Learning, Industrial Liaisons, Companies List, Statistics

Jaipur Engineering College And Research Centre

Trainings and Placements

Placements at a Glance

Batch	No. of Offers Received
2004	96
2005	103
2006	143
2007	210
2008	284
2009	195
2010	321
2011	326
2012	336
2013	290
2014	503
2015	405
2016	655

System tray: 1:54 PM, 9/6/2018

Browser tabs: Sign, Doct, Polic, Ann, Indu, MoL, Insti, Plac, JECF

Address bar: jecrcfoundation.com/placement-stats/

NUMBER OF OFFERS

Years	No. of Offers
2016	1000
2017	1000
2018	800
2019	1100
2020	1900
2021	2000
2022	2100

HIGHEST PACKAGE

Years	Highest Package
2016	7
2017	10
2018	9
2019	40
2020	10
2021	12
2022	43

COMPANIES VISITED

Years	Companies Visited
2016	40
2017	70
2018	90
2019	80
2020	60
2021	80
2022	170

OFFERS BY TOP RECRUITERS IN 2021

Company	Offers
HP	35
Amazon	25
Cloudera	15
Samsung	10
ZS	5
Adobe	5
Commvault	5

System tray: 12:22 PM, 11/3/2022

[SELF ASSESSMENT REPORT]



Jaipur Engineering College And Research Centre

Trainings and Placements

Sectors of Mass Recruiter

- TATA CONSULTANCY SERVICES**
 - Power Energy Resources & Utilities
 - Manufacturing
 - Life Science
 - Media Technology
 - Banking & Financial
 - Public Services
- Infosys**
 - Aerospace and Defense
 - Air lines
 - Automotive
 - Industrial Manufacturing
 - Oil & Gas
 - Banking & Financial
- accenture**
 - Automotive & Industries
 - Energy
 - Chemicals
 - High Tech
 - Consumer Goods & Services
 - Capital Market
- IBM**
 - Artificial Intelligence
 - Mobile Technologies
 - Life Science
 - Telecommunication
 - Banking & Financial

placement-stats/

- Amazon offers JECRC students a record Rs. 44 Lac package**

JECRCians have received placement offers from Amazon at a dream package of up to Rs. 44 Lac per annum. While the world is still in a recession, JECRC is establishing dominance in Placements and creating benchmarks. We look forward to our brilliant engineers making new strides in their careers and inspiring others to strive for excellence.
- COMMVAULT**

JECRC Student hired by America's leading software company Commvault.

JECRC has placed one of its prodigies, Ishaan Chaturvedi, B.tech. (Computer Science Engineering) at America's leading software company, Commvault, at a super dream annual CTC (NR) of 25 LPA.
- CLOUDERA**

CloudEra selected two JECRCians at CTC Rs 22 LPA

Our students Riddhi and Krati from Batch 2022 have gotten their first taste of the professional world at Cloudera with a package of 22 LPA, one of India's leading companies. Both JECRC students will be able to build bright futures with our unmatched placement support and training.
- Hewlett Packard Enterprise**

JECRC Students Hired by HPE at a package of Rs. 10 Lac

More than 30 JECRC Foundation students have received offers worth Rs10 Lac from Hewlett Packard Enterprise.
- HIRING**

Over 10,000 offers made in recent years by top recruiters

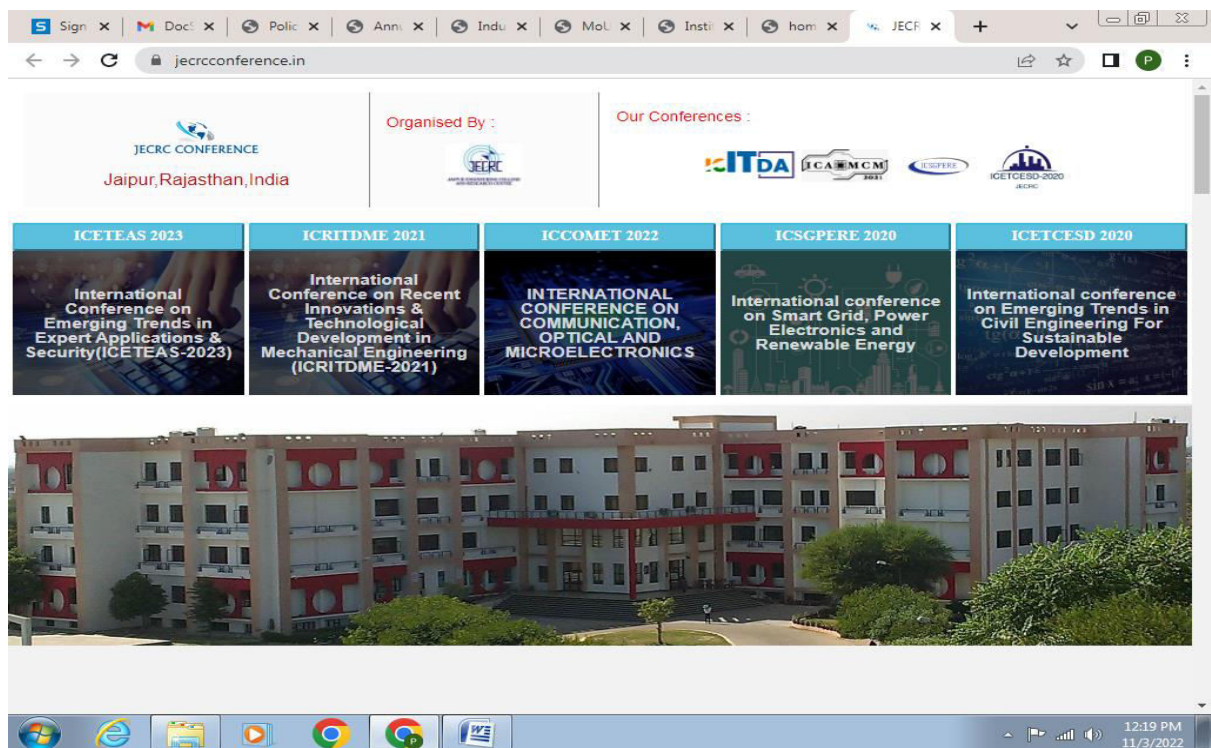
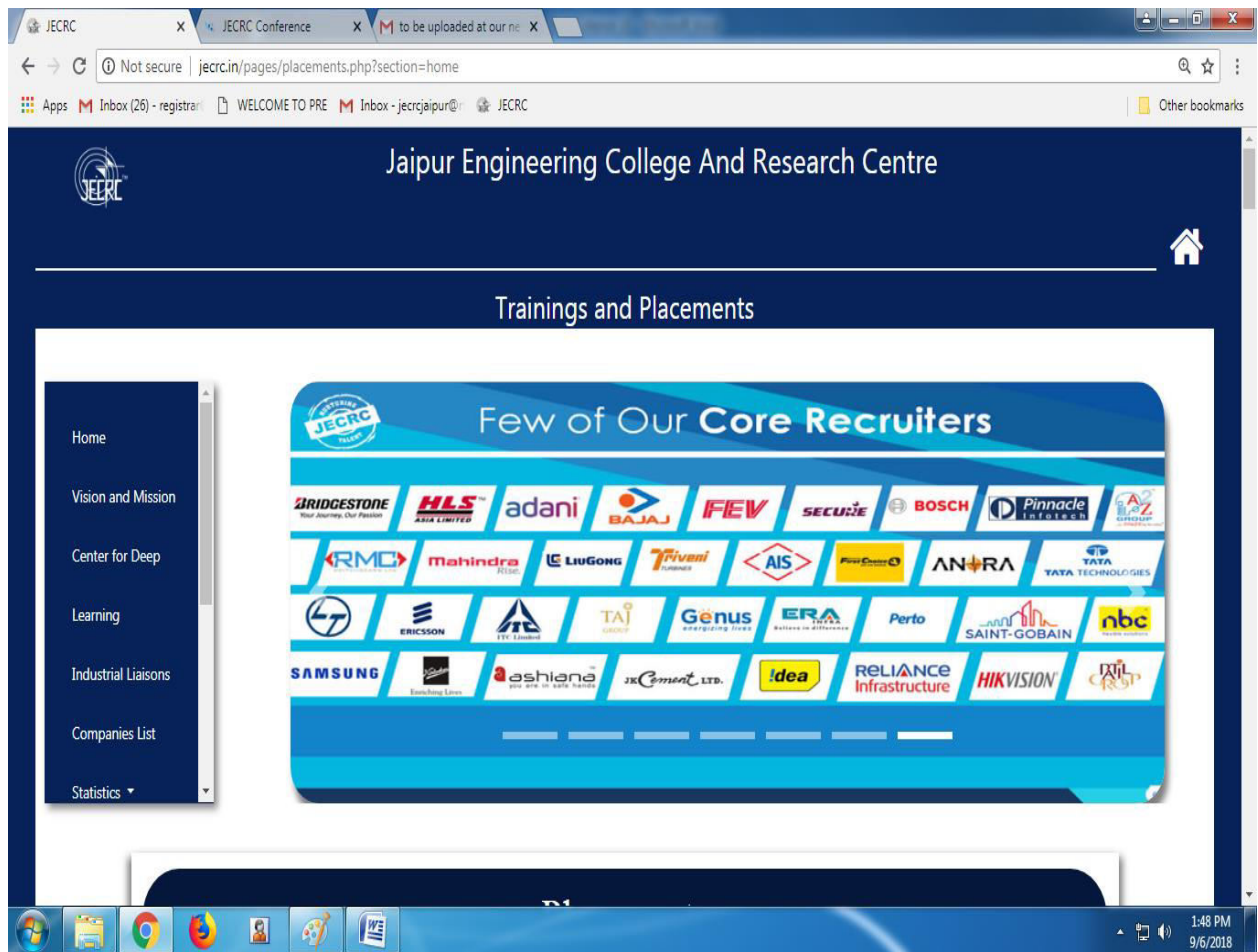
JECRC becomes the favorite landing place for top recruiters like Amazon, HPE, Accenture, Tech Mahindra, Capgemini, Bosch Engineering, Tata Consultancy Services, Pricole, TATA Power and many more!
- SAMSUNG**

32 JECRC Students Hired by Samsung at a package of Rs. 7 Lac

32 JECRC students have received offers worth Rs 7 Lac from Samsung.

OUR RECRUITERS

[SELF ASSESSMENT REPORT]



[SELF ASSESSMENT REPORT]



Conference Title	Conference Date	Venue	View
International Conference on Advances in Materials Science, Communication and Microelectronics 2021	February 19 th to February 20 th , 2021	JECRC Campus, Shri Ram ki Nangal, via Sitapura RIICO Tonk Road, Jaipur-302 022	View Details
INTERNATIONAL CONFERENCE ON INFORMATION TECHNOLOGY AND DIGITAL APPLICATIONS (ICITDA)	April 3 rd to April 4 th , 2020	JECRC Campus, Shri Ram ki Nangal, via Sitapura RIICO Tonk Road, Jaipur-302 022	View Details
INTERNATIONAL CONFERENCE ON SMART GRID POWER ELECTRONICS & RENEWABLE ENERGY (ICSGPERE)	April 3 rd to April 4 th , 2020	JECRC Campus, Shri Ram ki Nangal, via Sitapura RIICO Tonk Road, Jaipur-302 022	View Details
INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN CIVIL ENGINEERING FOR SUSTAINABLE DEVELOPMENT (ICETCESD)	April 3 rd to April 4 th , 2020	JECRC Campus, Shri Ram ki Nangal, via Sitapura RIICO Tonk Road, Jaipur-302 022	View Details

About JECRC

Education is the foundation upon which a progressive nation stands and its citizens, made responsible by that education, are the building blocks of that foundation. JECRC Foundation, since its inception over a decade ago, has taken over the mission of nurturing students with the establishment of engineering colleges in Jaipur.

JECRC Foundation is ascribed as one of the leading educational groups in North India strengthening the engineering culture with setting up of top engineering colleges in India. The Foundation is a leading education group, with institutes for engineering, management and pure & applied sciences. These are:

- Jaipur Engineering College & Research Centre (JECRC)
- JECRC UDML College of Engineering (JECRC UDML)
- JECRC University

The institutions of JECRC Foundation are amongst the top engineering colleges in Jaipur and currently have over 10000 students enrolled across various disciplines. Today, JECRC has earned respect as one of the most preferred engineering colleges in India as clearly represented by the RPET and AIEEE admission trends, year after year.

JECRC Foundation is a institute whose highly qualified & experienced faculty, advanced infrastructural set-up and full-fledged hostels offers a comprehensive learning environment for its students.

The Foundation encourages all-round personality development through extra-curricular activities and competitive events. Students have also benefited from the Foundation's strong industry linkages and secured training & career opportunities with leading organisations.

College Brochures





JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE

CONDUCT RULES AND GUIDELINES FOR STUDENTS

A. Discipline and wisdom are essential traits of a professional. Students of JECRC are expected to observe the highest standards of discipline.

B. The following acts by a student shall be construed as indiscipline:

1. **Misbehavior** with teachers, employees of the college, colleagues, girls students, juniors, wardens, proctors and visitors and acting against decorum in college premises- classrooms, laboratories, playgrounds, any type of transportation and hostels.
2. **Ragging** New Students.
3. Using **insulting, abusive and indecent language** in general and in the college premises and hostel, in particular.
4. **Damaging college property** including apparatus, books, fixtures and fittings, building, vehicles, fauna and flora in the college.
5. **Not attending class** and not participating in curricular activities as per the University ordinances.
6. **Not appearing in class tests and examinations.**
7. **Not paying attention to mentor** advice and warning notices.
8. **Wearing poor, indecent and Provocative dresses.**
9. **Coming late** to the college and leaving early.
10. **Leaving college premises** or hostel **without permission** of the Principal, Teacher, mentor, warden etc, as the case may be.
11. **Not paying dues and fee in time.**
12. **Not following the college calendar** and timing for co-curricular and extracurricular activities such as games and sports, cultural activities etc.
13. Forming clubs, association, society, forum or groups without the permission of appropriate authority such as Principal, Mentor, warden, proctor or other college authority.
14. **Spreading unfounded rumors** or canards, which may disrupt the college activities and disturb the college discipline.
15. **Using unfair means** in test and examinations.
16. **Causing injury to any person** or participating in acts of hooliganism within and outside the college campus and in public places such as roads, bus stand, cinema halls, railway station, airport, factories, restaurants, dhabas, hotels etc.
17. Indulge in any act, which may on investigation be confirmed as an act of indiscipline by the college or by Law.

C. Reporting of Acts of Indiscipline

The following will observe and report acts of indiscipline by the students to the Apex Disciplinary Committee consisting of the Senior Advisor, Principal, director HRD, one or more HODs and a member of the society or its nominee.

1. **Class/Subject teacher** : Late coming, shortage of attendance, indiscipline, ragging and lack of attentiveness or concentration in classes, indecent clothing, poor performance in test and examinations and laboratory activities and workshops.
2. **Mentor** : General behaviour of student with teachers, colleagues, employees etc.
3. **Warden** : Behaviour in hostels and default in paying dues.
4. **Librarian** : Behaviour in library, damages to books, theft of books etc.
5. **Proctor** : Late coming / early going, general behaviour in the campus with colleagues, teachers, employees etc. Discipline in the public place.
6. **Any employee** : Affected by an act of indiscipline.
7. **Any Student** : Affected by act of indiscipline.

[SELF ASSESSMENT REPORT]



D. Anti-Ragging Measures

- All students shall follow the UGC/AICTE Regulations on curbing the menace of Ragging in Higher Educational Institutions, 2009, State Government/RTU/College Authorities Guidelines etc. on the subject.
- Any violation of the guidelines would result in expulsion from the college besides the penal action as may be decided by the authorities in this regard.

E. Penalty for acts of Indiscipline

When an act of indiscipline has been reported to the Apex Discipline Committee (ADC) a sub-committee formed by ADC shall investigate the reported act of indiscipline thoroughly and submit a detailed report on the incident.

The ADC will then examine the report and take suitable action against the incumbent depending on the severity of the act of indiscipline.

The following penalty may be imposed on a student.

- Warning and Reprimand
- Fine
- Warning and Fine
- Deduction of marks in DECA marks
- Withholding permission to participate in an activity or examination
- Rustication from the College for a certain period
- Reporting to police if the act falls under penal law
- Removal from hostel

F. Some Specific Penalties

S. No.	Area of Indiscipline	PUNISHMENT (one or more)
1.	Class attendance less than 75%	Not allowed to appear in examinations
2.	Coming late to college	1. Warning 2. Deduction of discipline marks
3.	Damage to items and property	1. Recovery of cost 2. Appropriate fine
4.	Damage / Theft of Books	1. Warning 2. Recovery of double the cost of Book 3. Fine of Rs. 500/-
5.	Misbehavior	1. Warning 2. Fine of Rs. 2000/- to 5000/-
6.	Indiscipline in Hostel	1. Warning 2. Fine of Rs. 2000/- to 5000/- 3. Rustication from Hostel
7.	Unfair means in examinations	1. Action as per university rules including Police case
8.	Hooliganism / Ragging	1. Warning 2. Deduction of discipline marks 3. Police case 4. Fine that can go to even Rs. One Lakh 5. Rustication from the college


PRINCIPAL
Jawahar Institute of Engineering College &
Research Centre
Tirth Road, Jaipur-302017

Principal



JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE

HOSTEL RULES AND REGULATIONS

1. General

- The hostel facility includes boarding and lodging and is meant for those students of JECRC Foundation who are not residents of Jaipur and are serious about their studies, can maintain proper discipline and decorum.
- Hostel facility may be provided to the students, who are of Jaipur only if spare capacity is available at the discretion of administration.
- The rooms are double and triple seated with facilities such as cot, study table, chair and wardrobe. The students will have to bring their own mattress and pillow with linen.
- All residents of the hostel shall follow the hostel rules & regulations.
- Hostel room is allotted for the academic session i.e. beginning of session to 3 days after the last date of RTU exams.

2. Hostel Charges

- The annual hostel charges such as rent and boarding and other miscellaneous charges are decided by the College administration. Such charges are payable by the resident in two instalments. The first instalment is payable at the beginning of the session along with Rs. 5000/- as security deposit. The second instalment is payable as decided by the administration.
- If the dues are not paid timely, the membership for the hostel shall cease automatically and the student shall have to apply afresh for renewal /readmission.
- No refund shall be made by the college if a resident leaves the hostel before the expiry of the session, and the balance outstanding fee if any will be recoverable from the student.

3. Vacating the Hostel

- If a resident wishes to leave the hostel he/she will have to give one month's notice and will be allowed to leave only when the Principal and the Chief Warden/CAO give their permission. However, no claim for any refund of charges will be entertained.
- Further, if a resident is found or held guilty of indiscipline, ragging or any other such activity which is against the rules, norms and instructions of the institute, he/she shall be directed to leave the hostel by the Chief Warden/CAO. In such cases also there shall be no refund of any charges.
- Security charges of Rs. 5000/- will however be refunded after getting a no dues certificate from the Chief Warden/Warden.
- If a resident is found involved in ragging, his admission to the hostel and the college will be cancelled and in view of Supreme Court's directives a case will be registered in the Police Station against him / her.

4. Mess Rules

- Residents shall take all their meals in the hostel mess. This includes breakfast, lunch, tea and dinner. Non-vegetarian meals or snacks including eggs shall neither be served nor be permitted.
- Residents will be served meals only during the prescribed timings as indicated below :

S.No.	Activites	Summer
1.	Breakfast	7.30 to 8.20 a.m.
2	Lunch	11.45 a.m. to 1.15 p.m.
3	Tea	5.30 to 6.00 p.m.
4	Dinner	8.00 to 9.00 p.m.

- c) All residents shall be provided common menu.
- d) Residents shall not carry their meals wholly or in part, outside the mess. They shall not carry any utensil or other property of the mess outside the dining hall. In case of non-compliance, a fine of Rs. 50/- will be charged from the defaulters.
- e) Residents shall not interfere with cooking or other services and shall not handle mess equipment any time.
- f) Sick residents may be allowed to eat their meals in their rooms with the written permission of the warden.
- g) No outsider shall take breakfast, lunch, tea or dinner without prior written permission of the warden. If permitted, the host resident shall pay the charges in advance to the college through coupons available at college counter.
- h) Resident shall cooperate with the mess employees and deal with them in a polite and courteous manner.
- i) Residents shall pay their mess dues regularly as prescribed.
- j) Lodging and board facility may be made available during vacation provided atleast 60 of the residents remain in the hostel. No boarding charges will be refunded at any time once paid.
- k) Dress code - All residents will enter the hostel dining hall in proper presentable dress at all times. Students shall not be allowed to enter in bathroom slippers, shorts and sleeping suits.
- l) The Hosteller shall be take proper care of his belongings especially costly items like Mobile, Phone and Laptops etc. and shall bring these items on his risk. The Hostel / College administration shall not be responsible in any way, for any loss or damage to these items.

5. Entry in / Out of Hostel

- a) The following timing shall be observed for maintenance of discipline in Hostel and Institute Campus.
 - a. Opening of Hostel Gate - 06.00 a.m. (Summer), 06.30 a.m. (Winter)
 - b. Closing of Hostel Gate (Boys) - 09.00 p.m.
 - c. Closing of Hostel Gate (Girls) - 07.30 p.m. (Summer), 6.00 p.m. (Winter)
- b) Residents shall not go outside their rooms between 10:00 and 6:00 a.m. without permission of the Chief Warden/Warden I/C except for attending institute's functions or authorised academic work in the institute. Attendance may be taken during these hours.
- c) Residents shall not leave station without obtaining prior written permission of the warden. They shall report to the warden immediately on return.
- d) Residents shall not invite any unauthorised person in their hostel. They shall deal only with the authorized vendors, washermen, cobblers etc. during the prescribed hours and pay them at prescribed rates.
- e) Visit of outside person (including parents) to residents of hostel will be restricted up to the "Visitors room" only. No hosteller shall take his/her guest to their room in any circumstances. In exceptional circumstances, parents may be allowed to stay for a day in the guest room, on prior approval of Principal/CAO/Chief Warden, on payment of the prescribed charges which are presently Rs. 350/- per bed per day. In no case shall the parent stay in the hosteller's room.
- f) No visitors or parents are allowed to enter the hostel rooms in any case.
- g) No resident shall stay in the hostel during college hours without a valid reason which must be informed to warden. It is clarified that illness or health reason will be taken as a valid reason, Free period, visitors from outside etc. will not be taken as a valid reason.
- h) No day-scholar is permitted to enter the hostel during college hours. Suitable action and fine will be imposed upon him/her if reported by the Chief Warden/CAO.
- i) No resident shall leave the college campus without making necessary entries in the register kept with the guard at the college gate/hostel gate. After return he/she enter the time of return in the register.

6. Use & Facilities

- a) A student who has opted for hostel shall only reside in the hostel and the room allotted to him/her.
- b) Residents shall be responsible for all furniture, electrical and other fixtures in the their rooms. They shall not

[SELF ASSESSMENT REPORT]



disfigure or paint of stick photos, posters etc on walls, doors and windows or otherwise damage them. Failing Which double Charges Shall be levied on him. Residents are expected to maintain perfect discipline and proper atmosphere.

- c) Proper use of water and electricity shall be ensured and lights shall be switched off and taps closed when not in use. Defaulters shall be punished @ Rs 100/- per day
- d) Proper permission (at least 1 day in advance) shall be taken in writing from warden for going to LG or home.
- e) Girls hostellers shall obtain a gate pass from the warden for going out of hostel/campus which shall be limited to 06 nos per month. First year girl hostellers are not allowed any outing in the first six months. However, to cater for any of their urgent legitimate requirements, a warden shall accompany/take them outside the campus once a fortnight, on Sunday for 3-4 hours.
- f) At the end of academic year or while leaving the institute, each resident shall handover the charge of his room with all furniture and fixture to hostel warden and pay the cost of all damages and shortage is detected in his her room. In case of non compliance a fine Rs. 250/- will be charged.
- g) Residents shall not use heaters or any other power appliance in their rooms.
- h) Use of alcoholic drinks or narcotic materials or gambling in any form is strictly prohibited in the hostel and institute premises. Defaulters shall be expelled from the hostel.
- i) Residents shall maintain decorum and dignity and shall not create any nuisance or disturbance for the neighbouring residents.
- j) Residents shall not organize any party, assembly or activity in the hostel without the permission of the Principal.
- k) Residents shall not invite any speaker to address a hostel meeting without the permission of the Chief Warden/CAO/Principal.
- l) Residents shall not remove newspaper, magazine, furniture, radio, TV or games-material from the common rooms or mishandle or damage them.
- m) Residents shall cooperate with the Warden and fellow hostellers and obey warden's instructions on all matters concerning hostel/mess.

7. Problem Solving Committee

The residents would form a committee of three residents who would discuss the problems related to hostel every fortnight with the Chief Warden /CAO / Principal with facts and possible suggestions so that reasonable solutions could be found to their problems.

8. Rights of College Administration

- a) On matters not covered by these rules, the discretion of Warden / Administration shall be final and binding.
- b) The college administration has full right to deny accommodation to any or all students at anytime in the overall interest of the college.
- c) The college administration reserves the right to change the rules and regulation in the overall interest of the college.

I have read & Understood the above

(Signature of Student)


PRINCIPAL
Jaspur Engineering College &
Research Centre
Tonk Road, Jaspur-302022

(Signature of Parents)

Chief Warden / CAO

LIBRARY RULES

A. MEMBERSHIP

1. All the students of JECRC are members of the library.
2. Books will be issued only on presentation of the IDENTITY CARD.

B. WORKING HOURS

1. The library will remain open from 8.15 to 8.00 pm. till further notice.
2. Issue and return services will be available between 8.30 am and 5.00 pm.

C. PROCEDURE

1. Always-bring your "IDENTITY CARD" while you are in the library.
2. Keep you bags, file, books and other materials outside the library in the space provided.
3. Silence should be maintained while you are in the library. Please don't disturb the arrangement at your will.
4. Books will be issued for 14 days. The book should be returned to the library by the DUE DATE otherwise a sum of Rs. 1/- (Rupee one) per day per book will be charged as DUE OVER CHARGE.
5. Once issued the book will not be re-issued on the same day. If there is a demand from any other student, the same book will be retained and will be issued to that student.
6. Members can ask for a title not available in the library but required for academics work.
7. To recall any books before the due date.
8. REFERENCE BOOK'S DICTIONARIES, DIRECTORIES, PERIODICALS are not issuable. Members are expected to refer to the same in the library only.
9. Any damage done to the BOOK AND PERIODICAL replacement, the double cost will be charged along with a fine. Any kind of MARKING, WRITING OF NAME, FOLDING OF PAGES" will be treated as CAUSING DAMAGE".
10. The "RESERVE TEXT BOOK, REFERENCE BOOK" will be issued for reading room only on your identity care. If there is no reserve book please contact Librarian/Asstt. Librarian for help.
11. At the end of the session, every student should return the library cards before proceeding, failing which no new cards will be issued and a fine will be charged.
12. Students have to put their signature in the register available at the entrance of the library and show identity card. Without identity card, no entry will be allowed in the library.
13. Any student found not obeying the library rules and disturbing the library will be deprived of the library facility
14. Reader should observe strict silence inside the library.
15. User of mobile phone are not permitted in the library block.
16. A member who has lost borrower's token (I D Card) shall make a written report to the librarian, then original or duplicate library token will be issued on payment of Rs. 100/-.
17. Each student shall obtain No dues certificate from the library after returning all the books issued, surrendering the borrower's (I card) cards and after paying outstanding dues, if any.



PRINCIPAL
Jaipur Engineering College &
Research Centre
Tonk Road, Jaipur-302022

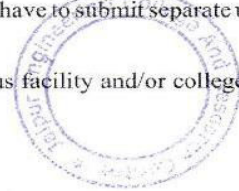


Librarian

LIBRARIAN
Jaipur Engineering College
And Research Centre Jaipur

TRANSPORT RULES & REGULATIONS

1. Transport Fee for the entire session will be paid in advance at the beginning of the session.
2. Boarding in the bus will not be allowed without valid Identity card / Fee receipt for the current session.
3. Pickup time from every point is fixed and the bus will not wait at any pickup point.
4. Pickup point and bus route would be decided by the college administration. Every one is required to board the bus from a designated point only.
5. Bus facility is not available on Sunday/Holidays/during Vacation.
6. The college administration is not liable to provide alternative transport arrangement :-
 - (i) If a student is required to attend college during Sunday/Holiday/Vacation. Student will have to make his/her own arrangement to reach the college.
 - (ii) If a student misses the bus for any reason.
 - (iii) If the student is required to go to any other college for examination / other work
7. The college management is not responsible for theft/loss of property during travel in bus.
8. In case of breakdown of the college bus, no charges towards alternative conveyance would be paid.
9. No one would be compensated for the distance covered by him/her for boarding the bus from designated point.
10. Ragging is strictly prohibited by law. Any student who is travelling in the college bus found indulging himself/herself directly/ indirectly in disciplinary activities like theft case/ ragging / fighting / quarrelling/ use of abusive language/ misbehave with fellow students, juniors/seniors and also with staff members, disciplinary action shall be initiated against him/her as deemed necessary or may be handed over to police for legal proceedings according to nature of offence for which entire responsibility will lie with the concerned student.
11. Every one is expected to maintain a proper discipline during the journey. Any loss or damage to college bus due to indisciplinary activities by a student during the journey will attract penalty as per rules.
12. The boarding is entirely at risk of the student availing transport faculty. The college administration does not own any type of responsibility towards compensation of any nature whatsoever.
13. Anti-Ragging Measures
 - a) all students using the bus facility shall follow the UGC/AICTE regulations on curbing the menace of Ragging in Higher Educational Institutions, 2009, state Government/RTU/College Authorities Guidelines etc. on the subject. The bus facility user student and his/her parent will have to submit separate undertakings in the form of affidavits, before making use of the bus facility.
 - b) Any violation of the guidelines would result in expulsion from the bus facility and/or college besides the penal action as may be decided by the authorities in this regard.
14. In case of any emergency, contact transport incharge.



Date

Signature of Parent/Guardian

Signature of Student

[SELF ASSESSMENT REPORT]



JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

Dear Students,

1. We welcome and congratulate you for seeking admission in this college. It is a fact that in this transitional phase you have left your school life and probably homely environment and would be entering into a new phase. Therefore, we would be more than willing to help you solving problems/difficulties, if any faced by you as a fresher and would extend all the necessary help.
2. To overcome the menace of ragging, college administration has already made plans for FRESHERS' induction and orientation, which promote efficient and effective means of integrating. These plans will be communicated to you by the office shortly.
3. Besides, we all would ensure that ugly scar of ragging is obliterated from the face of all educational institutions. Here, we would like to inform you that you may turn up to the following persons in case of any help/guidance in the most unlikely event of the so-called ragging.

S.No.	Name	Designation	Mobile Number
1.	Dr. UK Pareek	Chief Proctor	9785506667
2.	Ms. Ruchi Mathur	Proctor	9828159024
3.	Mr. Anshul Mittal	Proctor	9772620462
4.	Ms. Shruti Kalra	Proctor	9414371413
5.	Dr. M. P. Singh	Proctor	9414203639
6.	Dr. Anita Jain	Chief Librarian	9829230353
7.	Ms. Raj Pareek	Warden Girls Hostel	9982682911
8.	Mr. Ravi Bhatnagar	Transport Incharge	9024149459
9.	Sh. PK Gupta	Chief Warden/CAO	9982682475
10.	Sh. Ashok Sharma	Warden Boys Hostel	9982682914
11.	Sh. Aaizaz Khan	Assistant Registrar	9982682906

Prof. (Dr.) R. K. Mangal (Registrar)-9251039860

4. You are instructed that you should desist from doing anything against your will even if required by the seniors and should not have any fear, as the institution cares for you and shall not tolerate any mischief against any student.
5. You are requested not to hesitate in seeking any help and guidance and to report any incidents of harassment, teasing etc., either as victim or even as a witness.

May I add that your college has always been ragging-free.

Wishing you a bright future in the college.

Principal



PRINCIPAL
Jaipur Engineering College &
Research Centre
Tonk Road, Jaipur-302002

[SELF ASSESSMENT REPORT]



10.2. Budget Allocation, Utilization, and Public Accounting at Institute level Summary of current financial year's budget and actual expenditure incurred (for the institution exclusively) in the previous financial years.

Session (2021-2022)

NATIONAL SOCIETY FOR ENGINEERING RESEARCH AND DEVELOPMENT

Balance Sheet as on 31.03.2022

LIABILITIES	SCH	AMOUNT	ASSETS	SCH	AMOUNT
Corpus Fund		5,05,00,000.00	Fixed Assets	5	74,94,90,342.91
Reserve & Surplus	1	1,03,34,74,607.90	Corpus Fund with Sponsored University		49,42,00,000.00
Secured Loans	2	14,96,42,870.00	JECRC University		10,40,00,000.00
Unsecured Loans	3	75,62,32,048.51	<u>Current Assets</u>		
Current Liabilities & Provisions	4	11,59,47,361.02	Deposits	6	43,77,829.20
			Loans & Advances	7	73,88,04,173.87
			Other Current Assets	8	53,95,672.29
			Cash & Bank	9	95,28,869.16
		2,10,57,96,887.43			2,10,57,96,887.43

For National Society for Engineering Research & Development

For National Society For Engineering
Research & Development
S. L. Agrawal
Secretary
S. L. AGRAWAL
(Secretary)

Place: Jaipur
Date: 29.09.2022

As per our audit report of even date
For Vimal Agarwal & Associates
(Chartered Accountants)
FRN: 004187C



Vimal Agarwal
(Vimal Agarwal)
Partner
M. No.: 071627

UDIN: 2207162-7AWVJYV4191

[SELF ASSESSMENT REPORT]



NATIONAL SOCIETY FOR ENGINEERING RESEARCH AND DEVELOPMENT

Profit & Loss A/c as on 31.03.2022

Particulars	Amount	Particulars	Amount
To Conference Expenses	1,10,630.27	By Annual Fee	27,10,56,078.00
To Financial Charges	11,41,74,610.22	By Bus Fee	37,37,590.00
To Other Administrative Expenses	27,94,421.00	By Donation Received	1,94,00,000.00
To Salary Expenses	13,03,82,203.00	By Hostel Fee	3,24,05,999.00
To Accreditation Fees Paid	5,16,250.00	By Interest Received	7,00,115.00
To Affiliation Fee	15,25,000.00	By Miscellaneous Income	40,52,803.74
To Buses Running Expenses	32,56,769.29	By Profit on Sale of Vehicle	6,86,131.00
To Consultancy Fees	5,42,000.00		
To Conveyance Expenses	12,90,812.79	By Excess of expenditure over income	7,02,42,896.40
To Cultural Expenses	7,92,001.00		
To Depreciation	2,69,47,803.56		
To Diesel for Generator Set	1,82,206.80		
To Electricity Expenses	37,81,119.00		
To Insurance Expenses	14,35,158.00		
To Internet Leased Line Expenses	8,20,528.00		
To Laboratory Expenses	2,62,025.00		
To Library Expenses	3,21,267.00		
To Loss on Sale of FA	3,17,69,698.41		
To Memberships & Subscriptions Exp.	2,14,451.55		
To Mess Expenses	78,97,339.00		
To NAAC Visit Expenses	70,077.00		
To Office Expenses	5,75,858.38		
To PF Demand	42,16,792.00		
To Placement Expenses	11,86,360.00		
To Printing and Stationery	7,27,664.00		
To Repair & Maintenance	1,24,69,024.87		
To Repair & Maintenance (Vehicle)	19,34,319.00		
To Scholarship	4,75,03,805.00		
To Security Expenses	28,71,557.00		
To Staff Welfare Expenses	8,55,062.00		
To Student Expenses	1,48,771.00		
To Student Training Expenses	50,300.00		
To Telephone and Mobile Exp	3,99,212.00		
To Travelling Expenses	83,274.00		
To Website Expenses	1,73,243.00		
	40,22,81,613.14		40,22,81,613.14

For National Society for Engineering Research & Development

For National Society For Engineering
Research & Development

S. L. AGRAWAL
(Secretary)

Place: Jaipur
Date: 27.03.2022

As per our audit report of even date
For Vimal Agarwal & Associates
(Chartered Accountants)
FRN: 004187C



(Vimal Agarwal)
Partner
M. No.: 071627
UD IN 22 71627 AW VJ YV 419

[SELF ASSESSMENT REPORT]



NATIONAL SOCIETY FOR ENGINEERING RESEARCH AND DEVELOPEMNT

Schedule-1

Details of Reserve & Surplus as on 31.03.2022

Particulars	Amount
Reserves & Surplus	1,03,34,74,607.90
	<u>1,03,34,74,607.90</u>

Schedule - 2

Details of Secured Loans as on 31.03.2022

Particulars	Amount
Paisalo Digital Limited	14,96,42,870.00
	<u>14,96,42,870.00</u>

Schedule-3

Details of Unsecured Loans as on 31.03.2022

Particulars	Amount
Unsecured Loans from Private Parties	75,62,32,048.51
	<u>75,62,32,048.51</u>

Schedule - 4

Details of Current Liabilities and Provisions as on 31.03.2022

Particulars	Amount
Duties & Taxes	
TDS (Brokerage)	2,87,236.00
TDS (Contractor)	66,727.87
TDS (Interest)	1,54,78,226.00
TDS (Professional)	1,21,567.00
TDS (Salary)	36,66,705.00
Provisions	
Caution Money	5,11,52,450.00
Outstanding Salary	3,29,91,464.07
ESI Payable	20,28,544.00
PF Payable	2,55,779.00
Sundry Creditors	
Jaipur Vidyut Vitaran Nigam Limited	3,27,594.00
Aalishan Structure & Interiors (P) Ltd.	27,727.00
Aanya Graphic Studio	56,268.00
Agarwal Enterprises	33,872.00
All India Council for Technical Education	2,27,331.00
Arya College of Engg. and Information Technology, Jaipur	50,000.00
Balaji Enterprises	79,258.00
B B Professionals	3,58,695.00
Bhura Lal Saini	2,400.00
Chitransh Advertising & Marketing	1,96,506.00
Computer World	19,400.00
Contractor Narendra Kumar Kumawat	2,27,008.00
Deepak Swami	69,892.00
Dev Enterprises	1,617.00
Dev Motors	1,25,935.00
Dinesh Kumar Ojha	68,401.00
Flora International	4,750.00
Gemini Electronet	6,791.00
Girver Singh	5,41,511.00
Glorius Deco P Ltd	22,701.00

For National Society For Engineering
Research & Development

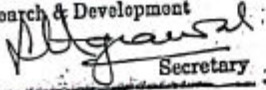
Abhishek
Secretary



[SELF ASSESSMENT REPORT]



Hanuman Baiwa	48,900.00
IGEN Edu Solutions Pvt Ltd	19,800.00
Isha Stones	56,466.00
Jaipur Telemics Services	3,535.00
Jones Lang Lasalle Property Consultants (India) P L	13,500.00
K C Tailor	20,900.00
Keyan Advisory Services	10,000.00
Kino Computer Graphics	52,890.00
Lala Ram Saini	54,441.00
Lalu Prasad Jangid	1,89,679.00
Laxmi Computer Centre	31,213.00
Lotus Dairy Products P Ltd	2,75,037.00
Mangala Ispat	7,233.08
Maya Ram Kumhar	62,638.00
Mohammed Ismail	25,000.00
N K Timber & Hardware	89,710.00
Om Fire Service	15,399.00
Pavitra Neer	1,44,000.00
Rajasthan Network Solutions	3,25,000.00
Ramprasad Meena	15,100.00
Royal Sports and Fitness	22,972.00
R S Enterprises	88,684.00
Rustic Fab Arts	80,355.00
Satyam Motors	92,681.00
S D Enterprises	16,139.00
Shree Ji Automobiles	1,56,377.00
Shreeji Glass & Aluminium	14,042.00
Shri Govind Kirana Store	4,31,188.00
Shrishti Associates	35,448.00
Shri Shyam Traders and Building Material Suppliers	22,550.00
Solsken Energy LLP	93,762.00
S R Paint	69,752.00
Suman Ray	66,438.00
Techno India NJR Institute of Technology	54,000.00
Tejmal Gurjar	16,039.00
Vijay Trading Company	52,570.00
Vikas Steel	13,328.00
Vision Star Security	9,40,894.00
Yash Enterprises	19,354.00
Fees Refundable	37,03,991.00
	<hr/> 11,59,47,361.02 <hr/>

For National Society For Engineering
Research & Development

Secretary



[SELF ASSESSMENT REPORT]



NATIONAL SOCIETY FOR ENGINEERING RESEARCH AND DEVELOPMENT

Schedule 5

JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE
DEPRECIATION CHART AS ON 31.03.2022

ASSETS	Gross Block				As on 31.03.2022	Rate of Dep.	Depreciation				Net Block	
	As on 01.04.2021	Additions		Deductions			Upto 31.03.2021	Depreciation for the year	Written Back	Depreciation upto 31.03.2022	As on 31.03.2022	As on 31.03.2021
		upto 30.09.2021	after 01.10.2021									
					66,69,25,151.03	3.34%	13,45,95,690.31	1,84,61,212.00		15,30,76,902.31	51,37,48,248.72	49,30,42,150.72
Building	62,76,37,841.03	3,35,28,272.00	56,69,038.00		16,86,34,611.62	0.00%	-	-	3,15,08,959.83	-	-	-
Land	16,86,34,611.62	-	-		3,15,08,959.83	16.21%	3,01,48,841.83	13,60,118.00	2,31,62,380.73	1,78,79,453.39	1,89,31,799.39	1,89,31,799.39
Computer	3,01,48,841.83	6,51,308.00	7,08,810.00		4,10,61,834.12	6.33%	2,10,42,045.73	21,40,335.00	3,28,61,939.53	4,71,19,735.83	4,91,50,767.83	4,91,50,767.83
Furniture	3,99,73,845.12	1,14,450.00	9,73,539.00		7,97,81,875.36	4.75%	2,95,24,780.53	31,37,159.00	1,39,68,662.22	21,08,293.35	38,33,952.35	38,33,952.35
Other Assets	7,86,75,548.36	51,888.00	10,54,239.00		1,60,76,945.57	9.50%	1,77,89,861.22	17,11,790.00	55,31,799.00	1,52,97,862.06	-	-
Vehicle	2,16,22,813.57	-	-	55,45,668.00	1,52,97,862.06	9.50%	1,52,97,862.06	-	-	26,96,86,896.68	74,94,90,342.91	73,35,83,281.91
Buses	1,52,97,862.06	-	-		1,01,81,87,039.59		24,83,97,881.68	2,68,30,614.00	55,31,799.00	-	-	-
TOTAL	98,19,91,163.59	3,43,45,918.00	83,95,628.00	55,45,668.00	1,01,81,87,039.59		24,83,97,881.68	2,68,30,614.00	55,31,799.00	26,96,86,896.68	74,94,90,342.91	73,35,83,281.91

JECRC UDML COLLEGE OF ENGINEERING
DEPRECIATION CHART AS ON 31.03.2022

ASSETS	Gross Block				As on 31.03.2022	Rate of Dep.	Depreciation				Net Block	
	As on 01.04.2021	Additions		Deductions			Upto 31.03.2021	Depreciation for the year	Written Back	Depreciation upto 31.03.2022	As on 31.03.2022	As on 31.03.2021
		upto 30.09.2021	after 01.10.2021									
					33,13,47,676.54	3.34%	8,98,14,594.49	8,98,14,594.49		-	24,15,33,082.05	24,15,33,082.05
Building	33,13,47,676.54	-	-	33,13,47,676.54	-	0.00%	-	-	-	-	-	1,75,58,240.00
Land	1,75,58,240.00	-	-	1,75,58,240.00	-	18.21%	1,19,41,376.78	1,19,41,376.78	-	-	-	81,55,802.39
Computers	1,19,41,376.78	-	-	1,19,41,376.78	-	6.33%	1,45,76,166.08	1,45,76,166.08	-	-	-	1,38,94,067.25
Furniture	2,27,31,968.47	-	-	2,27,31,968.47	-	4.75%	1,14,08,179.73	1,14,08,179.73	-	-	-	1,02,580.72
Other Assets	2,53,02,246.98	-	-	2,53,02,246.98	-	9.50%	12,09,322.92	12,09,322.92	-	-	-	1,17,189.56
Road	13,11,913.64	-	-	13,11,913.64	31,75,413.00	9.50%	30,58,223.44	1,17,189.56	31,75,413.00	-	-	28,13,60,971.97
Bus	31,75,413.00	-	-		13,20,07,863.44		1,17,189.56	12,89,49,640.00	31,75,413.00	-	-	-
TOTAL	41,33,68,835.41	3,43,45,918.00	83,95,628.00	41,57,39,090.41	1,02,23,62,452.59		38,04,05,745.12	2,69,47,803.56	13,44,61,439.00	27,28,72,109.68	74,94,90,342.91	1,01,49,54,253.88
GRAND TOTAL	1,39,53,59,999.00	3,43,45,918.00	83,95,628.00	41,57,39,090.41	1,02,23,62,452.59		38,04,05,745.12	2,69,47,803.56	13,44,61,439.00	27,28,72,109.68	74,94,90,342.91	1,01,49,54,253.88

For National Society For Engineering
Research & Development
(Signature)
Secretary



[SELF ASSESSMENT REPORT]



NATIONAL SOCIETY FOR ENGINEERING RESEARCH AND DEVELOPEMNT

Schedule-6

Details of Deposits as on 31.03.2022

<u>Particulars</u>	<u>Amount</u>
Electric Deposit	4,85,057.00
Fixed Deposits	38,92,772.20
	<u>43,77,829.20</u>

Schedule-7

Details of Loans & Advances as on 31.03.2022

<u>Particulars</u>	<u>Amount</u>
Advance Paid to Suppliers	5,00,000.00
Aadiya Engineers and Electricals	30,00,000.00
Amber Kashliwal	3,25,000.00
Aqua Auro	1,00,000.00
Big Shop	2,23,350.00
Choudhary and Company	1,01,612.00
Climatech Aircon Engineers P Ltd.	30,000.00
Criss Cross India	11,240.00
Jiut Yadav	2,00,000.00
Khandelwal Associates	4,35,550.00
Khandelwal Traders	1,15,522.00
Krishna Aircon	5,10,000.00
Mahesh Kumar Sharma	1,00,000.00
Metaworth Interiors	3,79,151.00
M G and Sons	50,000.00
Mohd Imran	1,02,579.00
Shiv Iron Store	1,75,691.00
Shree Krishna Cement and Sanitary Store	2,00,000.00
Shree Maya Enterprises	2,32,845.00
Siddhi Vinayak Enterprises	22,758.00
The Moon Creation	50,000.00
Tile Square	1,35,000.00
Vijay Laxmi	98,000.00
Xion Solutions	4,01,830.00
Imprest	3,60,000.00
Aditya Mehta	2,21,267.00
Aquila Wood Design	5,00,000.00
Baba Automobile P. Ltd.	1,50,000.00
Benefeel Health Technologies LLP	2,11,400.00
Dheeraj Kaushik	5,82,900.00
Ghanshyam Meena	1,00,000.00
Indra Agrawal	53,52,85,528.96
JECRC University	10,00,000.00
Jugal Kishore Agarwal	5,00,000.00
K D Granite	17,00,77,336.00
Land Advance	50,00,000.00
Lokesh Sharma	49,00,000.00
Manish Agrawal	5,00,000.00
Naman Goyal	6,00,000.00
Nirmala Saini	1,35,000.00
O P Agrawal (Mumbai)	10,00,000.00
P D Agrawal	5,797.91
Petro Card (BPCL Smartfleet)	5,00,000.00
Priyanka Jain	55,00,000.00
Ravinder Singh Thakur	8,17,091.00
Staff Advance	27,50,000.00
Tarun Mittal	1,10,000.00
T N Enterprises	2,05,000.00
Vasudev Bhal	10,000.00
Arya Institute of Engg Tech and Mgmt	10,000.00
Geetanjali Institute of Technical Studies, Udaipur	1,75,200.00
Indiaideas (Billdesk)	46,025.00
University College of Engg & Tech, Bikaner	51,500.00
Vivekanand Institute of Technology	
	<u>73,88,04,173.87</u>

For National Society For Engineering
Research & Development

[Signature]

Secretary



[SELF ASSESSMENT REPORT]

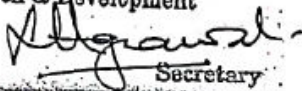


NATIONAL SOCIETY FOR ENGINEERING RESEARCH AND DEVELOPEMNT

<u>Schedule-B</u>	
<u>Details of Other Current Assets as on 31.03.2022</u>	
<u>Particulars</u>	<u>Amount</u>
TDS Receivable (Capital First Ltd.)	3,74,638.00
TDS Receivable	50,21,034.29
	<u>53,95,672.29</u>

<u>Schedule 9</u>	
<u>Details of Cash In Hand and at Bank as on 31.03.2022</u>	
<u>Particulars</u>	<u>Amount</u>
<u>Cash at Bank</u>	
Bank of India	6,423.20
HDFC Bank Limited	30,10,707.03
Punjab National Bank	25,04,388.45
ICICI Bank Limited	22,707.48
Cash in Hand	39,84,643.00
	<u>95,28,869.16</u>

For National Society For Engineering
Research & Development


Secretary



[SELF ASSESSMENT REPORT]



Details of Other Administrative Expenses

Particulars	Amount
To Admission Expenses	1,07,900.00
To Advertisement & Marketing Expenses	84,761.00
To Examination Expenses	12,652.00
To Freight Charges	91,850.00
To Interest on TDS	18,05,740.00
To Late Fees U/s 234E	4,53,400.00
To Postal Charges	12,725.00
To Recruitment Expenses	7,553.00
To Sports Expenses	42,100.00
To UDML Caution Money Paid	37,500.00
To UD Tax	44,116.00
To Uniform Expenses	94,124.00
	27,94,421.00

For National Society For Engineering
Research & Development

Agrawal
Secretary



[SELF ASSESSMENT REPORT]



NATIONAL SOCIETY FOR ENGINEERING RESEARCH AND DEVELOPEMNT

List of Unsecured Loans as on 31.03.2022

S.No.	Particulars	Amount
1	Aayush Lashkari	1,89,00,000.00
2	Anand Bansal	20,00,000.00
3	Anand Bansal HUF	25,00,000.00
4	Anshu Jain	4,00,000.00
5	Anurag Agarwal HUF	10,00,000.00
6	Arpit Agrawal	4,56,16,426.46
7	B K Goyal	3,91,00,000.00
8	Banganga Minerals	4,36,31,831.00
9	Charu Goyal	61,00,000.00
10	Deepti Jain	12,00,000.00
11	Dhruv Prasad Mishra	8,00,000.00
12	E Eye Entertainment	73,00,000.00
13	G H Gems	50,00,000.00
14	Gunjan Karamchandani	29,00,000.00
15	Hem Pabha Goyal	16,00,000.00
16	Indra Prakash Agarwal	10,00,000.00
17	Javitri Agarwal	70,00,000.00
18	Jaya Sharma	5,00,000.00
19	Kailash Kumar Agarwal	20,00,000.00
20	Kanta Agrawal	20,00,000.00
21	Kapil Goyal	84,40,175.00
22	Kaushal Aggarwal	5,00,000.00
23	Komal Karamchandani	49,00,000.00
24	Kusum Goyal	70,00,000.00
25	Lalit Kishore Goyal	38,00,000.00
26	Laxmi Devi Goswami	16,00,040.00
27	Mohan Enterprises	10,00,000.00
28	Mohan Lashkari	1,69,50,000.00
29	Mohansons Buildcon	43,02,000.00
30	Mukesh Kumar Usha Gupta HUF	10,00,000.00
31	Naresh Bansal HUF	3,50,000.00
32	Neeta Nekiwala	1,75,00,000.00
33	Neha Goyal	65,00,000.00
34	Nidhi Goyal	5,00,000.00
35	Nirmal Kumar Agrawal	18,69,00,000.00
36	Nirmal Kumar Bardiya	1,00,00,000.00
37	Notan Das	11,00,000.00
38	Notan Das HUF	12,00,000.00
39	O P Agrawal	5,66,02,551.05
40	Panchsheel Colonizers P Ltd	75,00,000.00
41	Pankaj Banthia	10,00,000.00
42	Piyush Lashkari	1,96,75,000.00
43	Pooja Bansal	4,00,000.00
44	Pratibha Goyal	25,00,000.00
45	Prerana Goyal	4,00,000.00
46	Pushpa Devi	1,55,00,000.00
47	Radha Poddar	48,48,400.00
48	Rajan Jain	30,00,000.00
49	Rajesh Goyal	1,61,00,000.00
50	Rajesh Kumar	10,00,000.00
51	Ram Rattan	6,00,000.00
52	S B Jhanwar	10,00,000.00
53	S R Enterprises	7,65,625.00
54	Sakshi Bansal	2,50,000.00
55	Sanjay Banthia	10,00,000.00

For National Society For Engineering
Research & Development
Abhishek
Secretary



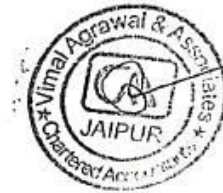
[SELF ASSESSMENT REPORT]



56	Sanjay Gupta	26,00,000.00
57	Sanjay Gupta HUF	1,00,00,000.00
58	Sanjay Kumar Gupta	20,00,000.00
59	Shiv Bhagwan Jhanwar	40,00,000.00
60	Shruti	5,00,000.00
61	Shweta Bansal	35,00,000.00
62	Suman Goyal	65,00,000.00
63	Sumer Chand Jain	10,00,000.00
64	Sunita Lashkari	10,54,00,000.00
65	Suresh Kumar	90,00,000.00
66	Tanu Gupta	1,00,00,000.00
67	Vimala Bansal	30,00,000.00
68	Yogesh Joshi	25,00,000.00

75,62,32,048.51

For National Society For Engineering
Research & Development
[Signature]
Secretary



[SELF ASSESSMENT REPORT]



The Proposed Budget & Expenditure of (2021-22)

S.N.	Year	Department/Infrastructure	Proposed Budget (In Rupees)	Expenditure (In Rupees)
1	2021-22	CSE	9,20,000/-	NIL
2	2021-22	IT	16,51,000/-	NIL
3	2021-22	AI & DS	11,50,000/-	NIL
4	2021-22	ECE	23,95,200/-	NIL
5	2021-22	ME	12,45,500/-	NIL
6	2021-22	CE	15,50,000/-	NIL
7	2021-22	EE	11,30,000/-	1,000/-
8	2021-22	1 st YEAR	4,64,000/-	NIL
9	2021-22	CC TV SYSTEM	70,000/-	NIL
10	2021-22	SECURITY	25,00,000/-	NIL
11	2021-22	HOSTELS	1,51,10,000/-	NIL
12	2021-22	Library	10,00,000/-	NIL
13	2021-22	Spiritual Research Cell	60,000/-	12,497/-
14	2021-22	Placement Cell	2,44,000/-	NIL
15	2021-22	JIC	15,00,000/-	NIL
16	2021-22	Training budget	15,88,000/-	9,56,925/-
17	2021-22	Alumni	2,00,000/-	NIL
18	2021-22	SDO	9,00,000/-	NIL
19	2021-22	ZARURAT	3,10,000/-	NIL


PRINCIPAL
Jalpur Engineering College &
Research Centre
Tonk Road, Jalpur-302022

[SELF ASSESSMENT REPORT]





 JAMNATI ENGINEERING COLLEGE
 AND RESEARCH CENTRE

20	2021-22	SOCII	65,000/-	NIL
21	2021-22	SUHASINI	77,000/-	NIL
22	2021-22	IT Infrastructure	1,58,00,000/-	13,14,644
23	2021-22	Sports	1,00,000/-	40,000/-
		TOTAL	6,58,29,799/-	36,39,710/-


PRINCIPAL
 Jaipur Engineering College &
 Research Centre
 Tank Road, Jaipur-302022

10.3. Program Specific Budget Allocation, Utilization (All departments)



 JAMNATI ENGINEERING COLLEGE
 AND RESEARCH CENTRE

The Proposed Budget and Expenditure Budget of Department of Computer Science & Engineering is as follows (Five Year).

Department of Computer Science & Engineering			
S.NO.	YEAR	PROPOSED BUDGET(in Rs/-)	EXPENDITURE(in RS/-)
1	2021-22	9,20,000/-	168857.00
2	2020-21	8,05,000/-	2,34,044/-
3	2019-20	8,45,000/-	1,39,197/-
4	2018-19	7,550,000/-	3,451,729/-
5	2017-18	3,469,800/-	3,873,502/-
6	2016-17	2,148,200/-	2,201,923/-



 PRINCIPAL
 Jaipur Engineering College &
 Research Centre
 Tank Road, Jaipur-302022


 HOD, CSE
 Head of the Department
 Computer Science & Engineering
 JECRC, Jaipur

[SELF ASSESSMENT REPORT]



Jaipur Engineering College and Research Centre,
Shri Ram ki Nangal, via Sitapura RIICO Jaipur-302 022.

Academic year
2021-22

Jaipur Engineering College and Research Centre, Jaipur Department of Computer Science and Engineering

Subject: Budget for session 2021-22
Expenses of the session July 2021-June 2022 of Department of Computer Science and Engineering is as follows:

S. No	Category	Items	Budget Sanctioned(in Rs)	Total Expenditure (in Rs)	Expenditure by Institute (in Rs)	Expenditure other than Institute
1	Consumable	Labs + Maintenance	75,000/-	28869	28869	-
2	Non-Consumable	Additional Facilities Up gradation	75,000/-	44815	44815	-
4	Curricular activity (R&D)	1. International Conference	5,00,000	Nil	----	----
		2. National Conference	50,000	30050	----	30050
		3. FDP / Workshop	50,000	2700 645	3345	
		4. Industry visit / Guest lecture	50,000	Nil		
			= 6,50,000/-			
5	Co-Curricular Activity	Technical events + Co-curricular events	1,20,000/-	61778		61778
		Total (Rs.)	09,20,000/-	168857.00	77029.00	91828.00

Submitted for your kind Approval


PRINCIPAL
Jaipur Engineering College & Research Centre


HOD CSE
Head of the Department
Computer Science & Engineering
JECRC, Jaipur

[SELF ASSESSMENT REPORT]



Jaipur Engineering College and Research Centre, Jaipur
Department of Computer Science & Engineering

Subject: Budget for session 2021-22

The budget for the session July 2021-June 2022 of Department of Computer Science & Engineering is as follows:

S. No.	Category	Activity / Items	Budget Proposed (in Rs)
1	Consumable	Labs + Maintenance	75,000/-
2	Non-Consumable	Additional Facilities / Up gradation	75,000/-
3	Curricular activity (R&D)	1. International Conference 2. National Conference 3. FDP / Workshop 4. Industry visit / Guest lecture	5,00,000 50,000 50,000 50,000
4	Co-Curricular Activity	Technical +Co-curricular events	1,20,000/-
		Total	9,20,000/-

Submitted for kind Approval


PRINCIPAL
Jaipur Engineering College &
Research Centre
T. No. Road, Jaipur-302022


Head of Department
HOD CSE - Engineering
Computer Science & Engineering
JECRC, Jaipur

[SELF ASSESSMENT REPORT]



Department of Electronics and Communication Engineering Expenditure for the Session 2021-2022

Subject: Expenditure for the Session 2021-2022

S. N.	Category	Activity /Item	Proposed Budget (Rs)	Total Expenditure (Rs) (A)	Expenditure by the Institute (Rs) (B)	Expenditure other than Institute (Rs) (C)
1	Curricular/ Co-curricular Activity	1. Robo War	19,00,000	93000/-	Nil	93000/-
		2. Robo Soccer		FDP On "Online AICTE Training and Learning (ATAL)Academy Program"2022		Supported by AICTE (ATAL)
		3. Line Follower		1240/-		91,225/-
		4. Sumo War		2 nd International Conference on advance Material Science ,Communication and Microelectronics ICAMCM -2022)		Registration Fees
5. Formula Zero		33294/-	Nil	1,59,300/-		
6. Drone Racing Championship			Curricular Activity	Registration Fees		
7. Technophililia						
8. Phoenix						
9. Renovators						
10. Quiz (Quizholic)						
11. Techno InBuzz						
12. Tech. Tambolla						
13. Expert Talks						
14. Seminars						
15. Workshops						
16. Training Programs						
17. International Conference						
18. National Conference						
19. Industrial Visits						
2.	Consumable	Component	25,000	5263/-	5263/-	Nil
3.	Non Consumables	Lab equipment	4,70,200	1,68,950/-	1,68,950/-	Nil
	Total		23,95,200	3,01,751	1,74,213	3,43,525

*Amount deposited in account section: (B+C)-A = 2,15,987/-


 Head of the Department
 Electronics & Communication Engineering
 JECRC, Jaipur

Program Coordinator
 Electronics and Communication Engineering


 2017/18

[SELF ASSESSMENT REPORT]



Jaipur Engineering College and Research Centre, Jaipur Department of Electrical Engineering

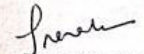
Subject: Budget for session 2021-22

Proposal Budget for the session July 2021 - June 2022 of Electrical Engineering Department is as follows:

S. No.	Category	Items	Budget Proposed (in Rs)	Total Expenditure (in Rs)	Expenditure by Institute (in Rs)	Expenditure other than Institute
1	Consumable	Raw Material For Labs	40000	7016	7016	NIL
2	Hardware and Software	Lab Requirements	200000	NIL	NIL	NIL
3	Workshop & Conferences	Industrial Automation & Siemens Supported Lab	35000	11150	1550	9600
4	Curricular and Co-Curricular Activities	<ul style="list-style-type: none">FDP /WorkshopGuest lecture/Industry visit	20000	4650	4650	NIL

Submitted for your kind Approval.


PRINCIPAL
Jaipur Engineering College &
Research Centre
Tank Road, Jaipur-302012


HOD EE
Head of the Department
Electrical Engineering
JECRC Jaipur

[SELF ASSESSMENT REPORT]



Department of Mechanical Engineering
Subject: Budget & Expenditure for session 2021-22

Sr. No	Category	Items	Budget Sanctioned(in Rs)	Total Expenditure (in Rs)	Expenditure by Institute (in Rs)	Expenditure other than Institute
1	Consumable	Consumable Raw Material For Workshop & Labs	147349/	48166/	48166/	NIL
2.	Hardware & Software	Machines and Equipments 1. Creep testing machine 2. Thermocouple for chip measurement 3 Cantilever beam with electric dynamometer	500000/-	NIL	NIL	NIL
3	R&D & Additional Facilities	1. International conference/ 2. National conference 3. FDP /Workshop/ 4. Guest lecture/Industry visit	500000/-	73600	NIL	NIL
4	Curricular & Co Curricular Activities	Technical Events (MECHTECH Activities)	100000/	84000	NIL	NIL
		TOTAL	1245599/-	205766		


HOD
Head of the Department
Mechanical Engineering
JECRC, Jaipur


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Jaipur Engineering College &
Research Centre
Tonk Road, Jaipur-302022

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Grants received from Government and non-governmental agencies for research projects / endowments in the institution

(Session 2020-2021)

Grants received from Government and non-governmental agencies for research projects / endowments in the institution during 2021-22								
Percentage of Departments having Research projects funded by government and non-government agencies during 2021-22								
S.No	Name of the Project/ Endowments, Chairs	Name of the Principal Investigator /Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned (Lakhs)	Duration of the project	Name of the Funding Agency	Type (Government/non-Government)
1	Up-skilling Science and Logic learning for the youth of Jaipur rural area An Endeavour to Enhance learning through Scientific Convention(TPN / 63324)	Dr. Shruti Kalra / Dr. M.P.Singh	ECE & ME	2021 - 2022	25.69	1 Year	DST	Government
2	ATAL sponsored 5-Days FDP on "Advanced Sensor Technology for Efficient Biomedical and Energy Management in Smart Cities"	Dr.Parul Tyagi/Dr.Vinitha Mathur	ECE	2021 - 2022	0.93	5 Days	AICTE-ATAL	Government

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Consultancy

S.No	Faculty/Technician Name	Agency/ Company	Amount
1	Dr. M.P.SINGH	BABA AUTOMOBILE Ltd.	65000/-

10.4. Library and Internet

Session (2021-2022)

NATIONAL SOCIETY FOR ENGINEERING RESEARCH AND DEVELOPMENT

Profit & Loss A/c as on 31.03.2022

Particulars	Amount	Particulars	Amount
To Conference Expenses	1,10,630.27	By Annual Fee	27,10,56,078.00
To Financial Charges	11,41,74,610.22	By Bus Fee	37,37,590.00
To Other Administrative Expenses	27,94,421.00	By Donation Received	1,94,00,000.00
To Salary Expenses	13,03,82,203.00	By Hostel Fee	3,24,05,999.00
To Accreditation Fees Paid	5,16,250.00	By Interest Received	7,00,115.00
To Affiliation Fee	15,25,000.00	By Miscellaneous Income	40,52,803.74
To Buses Running Expenses	32,56,769.29	By Profit on Sale of Vehicle	6,86,131.00
To Consultancy Fees	5,42,000.00		
To Conveyance Expenses	12,90,812.79	By Excess of expenditure over income	7,02,42,896.40
To Cultural Expenses	7,92,001.00		
To Depreciation	2,69,47,803.56		
To Diesel for Generator Set	1,82,206.80		
To Electricity Expenses	37,81,119.00		
To Insurance Expenses	14,35,158.00		
To Internet Leased Line Expenses	8,20,528.00		
To Laboratory Expenses	2,62,025.00		
To Library Expenses	3,21,267.00		
To Loss on Sale of FA	3,17,69,698.41		
To Memberships & Subscriptions Exp.	2,14,451.55		
To Mess Expenses	78,97,339.00		
To NAAC Visit Expenses	70,077.00		
To Office Expenses	5,75,858.38		
To PF Demand	42,16,792.00		
To Placement Expenses	11,86,360.00		
To Printing and Stationery	7,27,664.00		
To Repair & Maintenance	1,24,69,024.87		
To Repair & Maintenance (Vehicle)	19,34,319.00		
To Scholarship	4,75,03,805.00		
To Security Expenses	28,71,557.00		
To Staff Welfare Expenses	8,55,062.00		
To Student Expenses	1,48,771.00		
To Student Training Expenses	50,300.00		
To Telephone and Mobile Exp	3,99,212.00		
To Travelling Expenses	83,274.00		
To Website Expenses	1,73,243.00		
	40,22,81,613.14		40,22,81,613.14

For National Society for Engineering Research & Development

For National Society For Engineering
Research & Development

Secretary
S: L: AGRAWAL
(Secretary)

Place: Jaipur
Date: 29.09.2022

As per our audit report of even date
For Vimal Agarwal & Associates
(Chartered Accountants)
FRN: 004187C



(Vimal Agarwal)
Partner
M. No.: 071627
UD IN: 22071627AWVJYV 4191

[SELF ASSESSMENT REPORT]



All India Council for Technical Education
(An Autonomous Organization, Under Ministry of HRD, Govt. of India)
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: <https://www.aicte-india.org>



APPROVAL PROCESS 2021-22

Application Deficiency Report

DEFICIENCY REPORT AS PER APPLIED INTAKE (Applicable for Existing Institutions only)

Regional Office	North-West	Overall Deficiency of Institution:	No
Application ID	1-9319113026	Permanent ID	1-4215787
Name of the Institution	Jaipur Engineering College And Research Centre	Address	Sri Ram Ki Nangal, Vla-Vatika, Opp. Epip Gate, Tonk Road, Jaipur
City/Village	Jaipur	District	Jaipur
State	Rajasthan	PIN	302022

Director/Principal Details

Designation	Name	Appointment Type	Qualification	PhD	Eligible as per AICTE Norms (YES/NO)
Director/Principal	Dr. Vinay Kumar Chandna	Regular	B. E., M. TECH.,	Yes	Yes

Other Details

Sr. No.	Particulars	Status Provided by the institution	Deficiency
1.	List of Faculty Member and Data Uploaded on the Institution Web Portal	Yes	No
2.	Are all Approved Teaching Faculty Member being Paid as per Present Pay VI/Scale/Commission?	Yes	No
3.	Whether Institution Is Operating from Permanent Site?	Yes	No
4.	Fees to be Charged, Reservation Policy, Admission Policy and Document Retention Policy are Uploaded in Institution's Website?	Yes	No
5.	Courses/Approved Intake Displayed at the Entrance of the Institution?	Yes	No

Anti-Ragging Related Deficiency Status

Sr. No.	Particulars	Status Provided by the Institution	Deficiency
1.	Constitution of Anti-Ragging Committee	Yes	No
2.	Constitution of Anti-Ragging Squad	Yes	No
3.	Undertaking Obtained from all Students	Yes	No
4.	Appointment of Counselors	Yes	No
5.	Undertaking Obtained from Parents of all the Students	Yes	No
6.	Undertaking Obtained from Students Staying in Hostel	Yes	No
7.	Undertaking Obtained from Parents of Students Staying in Hostel	Yes	No

Institution Level Faculty Member


Sr. No.	Particulars	Actual No.	Required No. as per CI	Deficiency
1.	Total Faculty (UG+PG+Diploma)	217	214	No

Administrative Area

Sr. No.	Particulars	Actual Room Area (Sq.m.)	Expected Room Area (Sq.m.)	Deficiency
1.	Board Room	30	20	No

Date of Signature(dd/mm/yyyy)

Seal of Institution


Name & Signature of Director/Principal

PRINCIPAL
Jaipur Engineering College & Research Centre
Tonk Road, Jaipur-302022

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 JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE	Jaipur Engineering College and Research Centre, Shri Ram ki Nangal, via Sitapura RIICO Jaipur- 302 022.	Academic year-2021-2022
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Jaipur Engineering College and Research Centre, Jaipur

Subject: Budget for session

S. No	Category	Items	Budget Sanctioned(in Rs)	Total Expenditure (in Rs)	Expenditure by Institute (in Rs)	Expenditure other than Institute
1	Books	146	5,00,000	46,552	46,552	
2	Journals/e-resources	46	2,00,000	1,30,336	1,30,336	
3	Data Base	EBSCO Delnet	1,50,000	92,670	92,670	
4	News Paper & Periodical	16	1,00,000	34,214	34,214	
5	Computer (05) for Multimedia	Softlink	45,000	17,700	17,700	
6	Furniture Racks	--	--	--	--	
7	Others		5,000	2876	2876	

Submitted for your kind Approval


HOD, Library

LIBRARIAN
Jaipur Engineering College
And Research Centre
Jaipur

[SELF ASSESSMENT REPORT]



Jaipur Engineering College and Research Centre Department of Library

Subject: Budget & Expenditure (1st April to 31 March)
The proposal Budget and Expenditure Library Department

S.No.	Year	Proposed Budget (In Rs.)	Expenditure (In Rs.)
1	2021-2022	10,00,000	--
2	2020-2021	10,00,000	2,54,354
3	2019-2020	10,00,000	5,93,690
4	2018-2019	10,00,000	2,30,679
5	2017-2018	7,00,000	3,50,184
6	2016-2017	7,00,000	1,97,476
7	2015-2016	7,00,000	3,40,557

Submitted for your kind Approval

PRINCIPAL
Jaipur Engineering College &
Research Centre
Tonk Road, Jaipur-302022

HOD, Librarian 27/11/21
LIBRARIAN
Jaipur Engineering College
And Research Centre, Jaipur

[SELF ASSESSMENT REPORT]



JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE

JECRC Central Library E-Books Details (Branch Wise)

S.No.	Title	No. Of e-books
1	Civil Engineering	635
2	Computer Science Engineering	2838
3	Electrical Engineering	551
4	Electronics & Communication Engineering	1419
5	Information Technology	1710
6	Mechanical Engineering	469
7	Physics	500
	Total	8122

LIBRARIAN
Jaipur Engineering College
And Research Centre
Jaipur

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JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE

JECRC,
(2021-2022)

Books and Journals Available in Library

Branch/Disc	No. of Title	No. of Volume	No. of Tech. Journals National	No. of Tech. Journals International
Electronics & Communication	935	3915	04	02
Electrical Engineering	635	2694	02	01
Computer Engineering	1063	4562	03	04
Information Tech.	710	2199	05	01
Civil Engineering	352	1822	03	02
Mechanical Engineering	1090	4596	08	01
Physics	284	1513	01	--
Chemistry	178	1511	03	--
Mathematics	342	1534	--	-
Other (English, Hindi Dictionary)	604	1233	06	-
Book Bank ST/SC Gen	-	7043	-	-
Total	6193	32622	35	11

[SELF ASSESSMENT REPORT]



JECRC CENTRAL LIBRARY LIST OF JOURNALS (2021-2022)

S.No	Journals	Periodicity
1	Inter. Jour. Of Comp. Science & Engg. Tech.	Half Yearly
2	Int. Jour. Of Adv. In Software Engg.	Half Yearly
3	Int. Jour. Of Electronics Electrical & Communication Engg.	Half Yearly
4	Int. Jour. Of Mech. Auto Mobile Engg. & Research	Half Yearly
5	Int. Jour. Of Adv. VLSI Design.	Half Yearly
6	Int. Jour. Of Data Analysis of Information System	Half Yearly
7	IUP Information Technology	Quarterly
8	IUP Mechanical Engineering	Quarterly
9	IUP Structural Engineering	Quarterly
10	IUP Telecommunication	Quarterly
11	Journal of Adv. Research in Civil and Environment Engg.	Half Yearly+Online
12	Jour. Of Adv. Research in Cloud Computing, Virtualization # andWeb Application	Half Yearly+Online
13	Jour. Of Adv. Research in Mech. Engg. & Technology	Half Yearly+Online
14	Jour.f of Adv. Research in Networking & Communication Engg.	Half Yearly+Online
15	Jour.of Adv. Research in Signal Processing & Application	Half Yearly+Online
16	Journal of Advances Research in Embedded System	Half Yearly+Online
17	Int.Jour. Of Advanced Research in Civil and Structural Engg.	Half Yearly+Online
18	Int. Journal of Human Computer Interaction and Data Mining	Half Yearly+Online
19	Int. jour. Of Engineering Design & Analysis	Half Yearly+Online
20	Indian Jour. Of Engg & Material Science	Bio-Monthly
21	Indian Jour. Of Chemical Technology	Bio-Monthly
22	Indian Jour. Of Bio Chemistry & Bio Physics	Bio-Monthly
23	Indian Jour. Of Scientific and Industrial Research	Monthly
24	Indian Jour. Of Chemistry Sec.- A	Monthly
25	Indian Jour. Of Pure & Applied Physics	Monthly
26	Annual of Library & Information Studies	Quarterly
27	Int. Jour. Of Computer Science & Information Tech. Research	Half Yearly
28	Indian Jour. Of Control Science & Engineering	Half Yearly
29	Indian Jour. Of Civil Mechanical Engineering	Half Yearly
30	Indian Jour. Of Engineering & Manufacturing Science	Half Yearly
31	Journal of Advances in Civil Engineering and Management	3 Issues (Print +O)
32	Journal of Reseach and Advancement in Electrical Engineering	3 Issues (Print +O)
33	Reseach and Applications: Embedded System	3 Issues (Print +O)
34	Recent Trends in Automation and Automobile Engineering	3 Issues (Print +O)
35	Research and Reviews: Advancement in Robotics	3 Issues (Print +O)
36	Journal of Network Security Computer Network	3 Issues (Print +O)
37	Journal of Image Processing and Artificial Intelligence	3 Issues (Print +O)
38	Journal of Web Development and Web Designing	3 Issues (Print +O)
39	Journal of Mechanical Robotics	3 Issues (Print +O)
40	Journal of Communication Engineering and its Innovations	3 Issues (Print +O)
41	Journal of Mechanics and MEMS (JMM)	Half- Yearly
42	International Journal of Wastewater Treatment and Green Chemistry	Half- Yearly
43	Int. Journal of Civil Engineering and Construction Technology	Half Yearly
44	Granthalaya Vigyan	Yearly
45	Yojana (English Version)	Weekly
46	Economics and Political Weekly	Weekly

Amit

**LIBRARY
Jaipur Engineering College
And Research Centre
Jaipur**

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JECRC CENTRAL LIBRARY LIST OF JOURNALS (2020-2021)

S.No	Journals	Periodicity
1	Int. Jour. Of Adv. In Software Engg.	Half Yearly
2	Int. Jour. Of Electronics Electrical & Communication Engg.	Half Yearly
3	Int. Jour. Of Mech. Auto Mobile Engg. & Research	Half Yearly
4	Int. Jour. Of Data Analysis of Information System	Half Yearly
5	Journal of Adv. Research in Civil and Environment Engg.	Half Yearly+Online
6	Jour. Of Adv. Research in Cloud Computing, Virtualization # and Web Application	Half Yearly+Online
7	Jour. Of Adv. Research in Mech. Engg. & Technology	Half Yearly+Online
8	Jour.f of Adv. Research in Networking & Communication Engg.	Half Yearly+Online
9	Jour.of Adv. Research in Signal Processing & Application	Half Yearly+Online
10	Int.Jour. Of Advanced Research in Civil and Structural Engg.	Half Yearly+Online
11	Int. Journal of Human Computer Interaction and Data Mining	Half Yearly+Online
12	Indian Jour. Of Engg & Material Science	Bio-Monthly
13	Indian Jour. Of Chemical Technology	Bio-Monthly
14	Indian Jour. Of Bio Chemistry & Bio Physics	Bio-Monthly
15	Indian Jour. Of Scientific and Industrial Research	Monthly
16	Indian Jour. Of Chemistry Sec.- A	Monthly
17	Indian Jour. Of Pure & Applied Physics	Monthly
18	Annual of Library & Information Studies	Quarterly
19	Science Reporter	Monthly
20	Indian Jour. Of Control Science & Engineering	Half Yearly
21	Indian Jour. Of Civil Mechanical Engineering	Half Yearly
22	Journal of Advances in Civil Engineering and Management	3 Issues
23	Journal of Reseach and Advancement in Electrical Engineering	3 Issues
24	Reseach and Applications: Embedded System	3 Issues
25	Recent Trends in Automation and Automobile Engineering	3 Issues
26	IEEMA Journals	Monthly
27	Granthalaya Vigyan	Yearly
28	Yojana (English Version)	Weekly
29	Journal of Network Security Computer Network	3 Issues (Print +O)
30	Journal of Image Processing and Artificial Intelligence	3 Issues (Print +O)
31	Journal of Web Development and Web Designing	3 Issues (Print +O)
32	Journal of Mechanical Robotics	3 Issues (Print +O)
33	Journal of Communication Engineering and its Innovations	3 Issues (Print +O)
34	University News	Weekly
35	Economics and Political Weekly	Weekly
36	Int. Journal of Civil Engineering and Construction Technology	Half Yearly
37	Resonance Journals of Science Education	Monthly

Amto L

10.4.1. Quality of learning resources

Relevance of available learning resources including e-resources

Accessibility to students

Support to students for self-learning activities



JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE

JECRC LIBRARY

Library Academic Year July-2021 to 30 June 2022

Student and Faculty Books Return

S.No.	Month	Books Return Student/Faculty	Total
1	July	21	21
2	August	27	27
3	September	283	283
4	October	1796	1796
5	November	947	947
6	December	846	846
7	January	877	877
8	February	935	935
9	March	1783	1783
10	April	1274	1274
11	May	1318	1318
12	June	1091	1091

Total Users Student and Faculty = 11198


Librarian

LIBRARIAN
Jaipur Engineering College
And Research Centre
Jaipur

[SELF ASSESSMENT REPORT]



JECRC LIBRARY Library Academic Year July 2021 to June 2022 Book Issuing and Visiting Users Report

S.No.	Month	Book Issuing			Library Users		
		Student	Faculty	Total	Student	Faculty	Total
1	July	7	18	25	44	152	196
2	August	9	9	18	291	172	463
3	September	504	65	569	1575	325	1900
4	October	1888	22	1910	2625	218	2843
5	November	764	16	780	1565	229	1794
6	December	920	18	938	1463	209	1672
7	January	774	16	790	1554	106	1660
8	February	1398	44	1442	1992	167	2159
9	March	1339	41	1380	2643	188	2831
10	April	1539	35	1574	2389	222	2611
11	May	990	9	999	1601	120	1721
12	June	986	9	995	1705	133	1838
	Total	11118	302	11420	19447	2241	21688

Total Users Student and Faculty = 33108


Librarian

LIBRARIAN
Jaipur Engineering College
And Research Centre
Jaipur

10.4.2. Internet

Name of the Internet provider: VODAFONE

Available bandwidth: 1Gbps

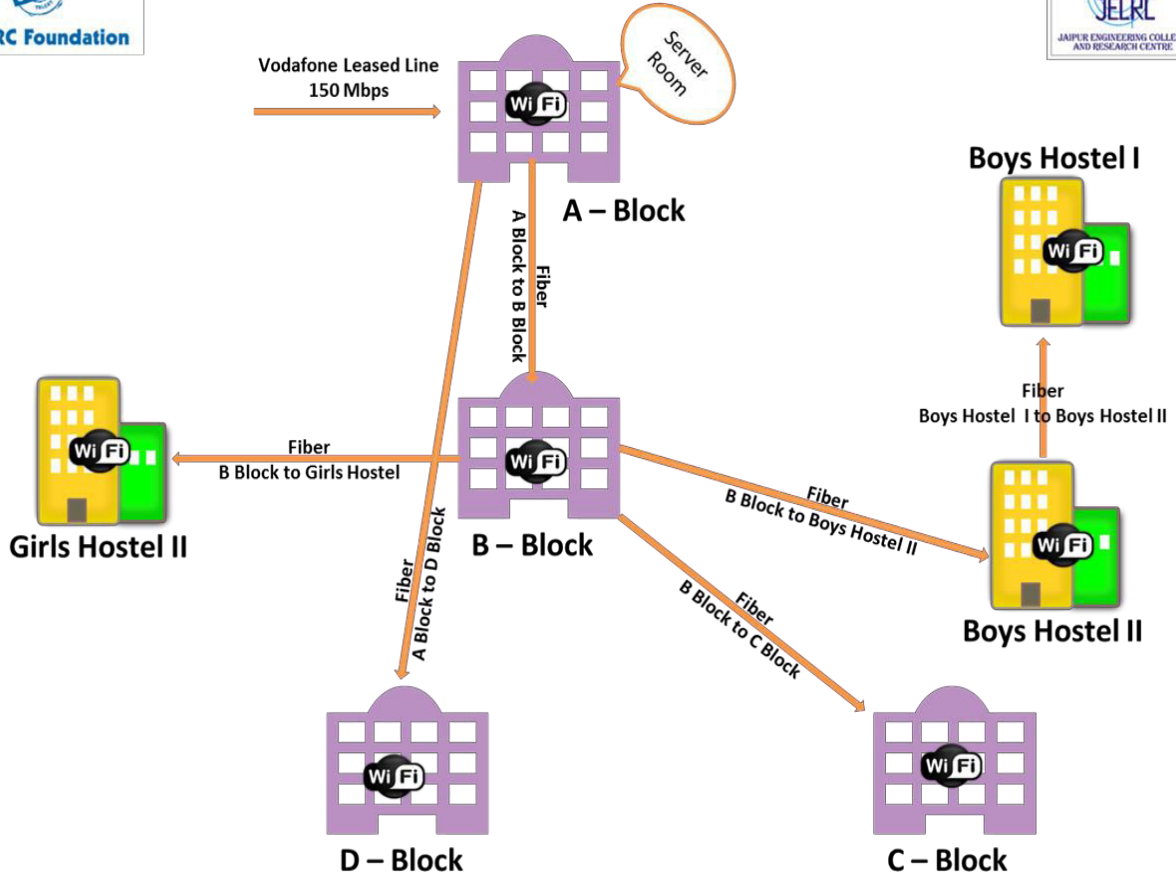
Wi Fi availability: YES

Internet access in labs, classrooms, library and offices of all Departments: YES

Security arrangements: Yes




Jaipur Engineering College & Research Center, Jaipur



Network Diagram

Part C	Declaration by the Institution
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JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE

Ref: JECRC/REG/2018-19/181 Date: 11/09/2018

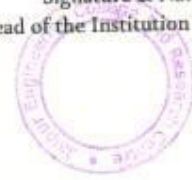
Declaration


I undertake that, the institution is well aware about the provisions in the NBA's accreditation manual concerned for this application, rules, regulations, notifications and NBA expert visit guidelines in force as on date and the institute shall fully abide by them.

It is submitted that information provided in this Self-Assessment Report is factually correct. I understand and agree that an appropriate disciplinary action against the Institute will be initiated by the NBA, in case any false statement/information is observed during pre-visit, visit, post visit and subsequent to grant of accreditation.

Date: 11/9/18
Place: Jaipur

V. @aur
Signature & Name
Head of the Institution with seal



 **JECRC Foundation**
www.jecrcfoundation.com

Jaipur Engineering College and Research Centre
Approved by AICTE & Affiliated to RTU
JECRC Campus, Shri Ram Ki Nangal,
Via Sitapura Bypass, Opp. EPIP Gate, Tonk Road, Jaipur 302 022
t: 0141 2770120, 2770232 e: info@jecrcmail.com

ANNEXURE I:

(A) PROGRAM OUTCOMES (POs)

Engineering Graduates will be able to:

1. **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4. **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
6. **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

[SELF ASSESSMENT REPORT]



11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

(B) PROGRAM SPECIFIC OUTCOMES (PSOs)

Program shall specify 2-4 program specific outcomes.