

### CRITERIA SUMMARY – ELECTRICAL ENGINEERING

<b>Criterion No.</b>	<b>Criteria</b>	<b>Marks</b>
<b>Program Level Criteria</b>		
1	Vision, Mission and Program Educational Objectives	60
2	Program Curriculum and Teaching – Learning Processes	120
3	Course Outcomes and Program Outcomes	120
4	Students' Performance	150
5	Faculty Information and Contributions	200
6	Facilities and Technical Support	80
7	Continuous Improvement	50
<b>Institute Level Criteria</b>		
8	First Year Academics	50
9	Student Support Systems	50
10	Governance, Institutional Support and Financial Resources	120
<b>Total</b>		<b>1000</b>

<b>CRITERION 1</b>	<b>Vision, Mission and Program Educational Objectives</b>	<b>60</b>
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## **CRITERION 1**

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

#### **1.1 State the Vision and Mission of Department and Institute**

##### **VISION OF INSTITUTE**

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 INSTITUTE**

- 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.

##### **VISION OF DEPARTMENT**

Department of Electrical Engineering strives to be recognized globally for outcome based education to develop engineers having the potential to inculcate advanced technologies for industry and society.

##### **MISSION OF DEPARTMENT**

- M1. To impart quality technical knowledge to the learners to make globally competitive in the field of Electrical Engineering.
- M2. To provide the learners with ethical and social values along with an excellent academic environment for lifelong learning.
- M3. To promote industry-institute relationship.

### Mapping of Institute Vision with Department Vision

Vision of the Institute Vision of the Department	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.
Department of Electrical Engineering strives to be recognized globally for outcome based education to develop engineers having the potential to inculcate advanced technologies for industry and society.	H

**Justification:**

The above table shows the consistency of vision of institute with vision of the department. The reasons behind marking High and Medium are as follows:

Vision of the department is divided into keywords to check the correlation of the vision of the department with vision of the institute.

After taking the feedback from faculty members of the department if the consistency found is above 90%, (✓) is marked. If consistency is found between 75-90%, the particular block is left blank.

**Why High:**

If (✓) is marked in all blocks i.e. all the keywords of vision of the department are found consistent with the vision of institute so it must be rated high.

**Medium:**

If ✓ is marked in 50% or above blocks i.e. Vision of the department is moderately consistent with the vision of the institute.

#### Justification of mapping of Institute vision with department Vision

Vision of Institute Keywords of vision of EE	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.
Outcome based education	✓
Engineers having potential	✓
Technologies for industry and society	✓

### Mapping of Institute Mission with Department Mission

Mission of the Institute Mission of the Department	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 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.
To impart quality technical education to the learners to make globally competitive in the field of electrical engineering.	H	H	H	H
To provide the learners with ethical and social values with an excellent academic environment for lifelong learning.	H	H	H	H
To promote industry-institute relationship.	H	H	H	H

**Justification:**

The above table shows the consistency of mission of institute with mission of the department. The reasons behind marking High and Medium are as follows:

Mission of the department is divided into keywords and then correlation is checked with mission of institute.

After taking the feedback from all the faculty members of the department if the consistency found is above 90%, (✓) is marked. If consistency is found between 75-90%, the particular block is left blank.

**Why High:**

If (✓) is marked in all blocks i.e. all the keywords of mission of the department are found consistent with the mission of institute so it must be rated high.

**Medium:**

If ✓ is marked in 90% - 50% blocks i.e. mission of department is moderately consistent with the mission of the institute.

Justification of mapping of Institute Mission with Department Mission 1

Mission of Institute M1 of EE Keywords	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 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.
Quality technical education	✓	✓	✓	✓
Globally competitive	✓	✓	✓	✓

Justification of mapping of Institute Mission with Department Mission 2

Mission of Institute M2 of EE Keywords	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 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.
Ethical and social values	✓	✓	✓	✓
Excellent academic environment	✓	✓	✓	✓

Justification of mapping of Institute Mission with Department Mission 3

Mission of Institute M3 of EE Keywords	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 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.
Industry-institute relationship	✓	✓	✓	✓

## **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 Electrical Engineering by way of analysing 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.
- 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.
- 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.
- PEO5.** To prepare students to excel in Industry and Higher education by Educating Students along with High moral values and Knowledge.

## **1.3 Indicate where the Vision and Mission and PEOs are published and disseminated among stake holders (10)**

*(Describe where (websites, curricula, 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 as follows

S. No.	Published	Disseminated
1.	In College Website <b>www.jecrcfoundation.in</b>	In HoD office and all Staff rooms
2.	In Magazines and Newsletters	In all Class Rooms and laboratories
3.	In national and international conference proceedings	In Department Library
4.		As signatures in official mail (jecrc.ac.in)
5.		In all feedback forms related to students, alumni and staff.
6.		In faculty diary
7.		In Course Files of each course
8.		In all Lab Manuals
9.		On Notice Board

The Vision, Mission and PEOs are also disseminated among internal and external stakeholders via

- Student orientation program among all students in beginning of each semester.
- Faculty meets
- Parent's Teacher meets
- Alumni Meets
- Industry institute interaction (during add on programs)
- Webinar /Seminar /Guest lectures /Expert Lectures

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

**(Articulate the process for defining the Vision and Mission of the department and PEOs of the program)**

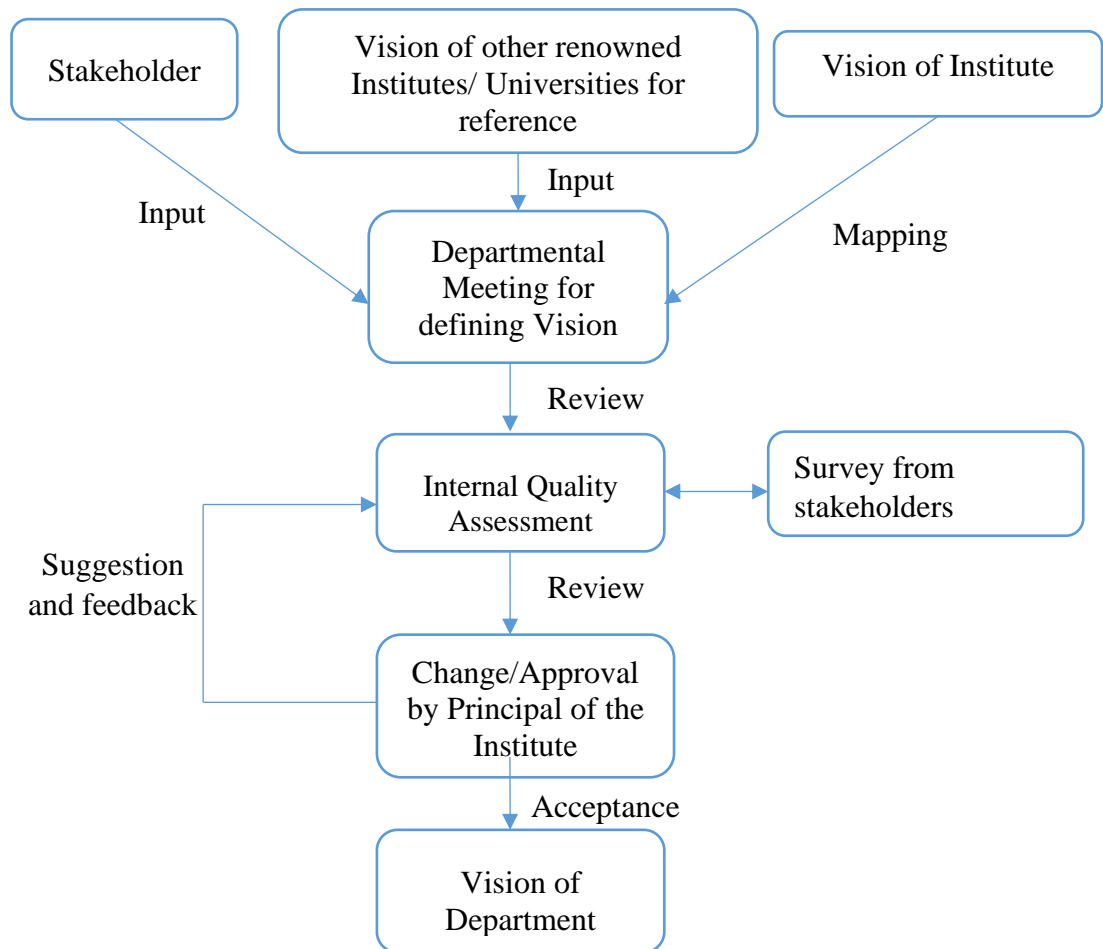
With the active participation of HoD, faculty members and staff which are based on the continuous feedback from stakeholders (Parents, alumni and eminent academicians) framed the Vision and Mission statement of the department in alignment with Vision and Mission of the Institute. These vision and mission statements are framed after through analyses on the following

1. Strength, Weakness, Opportunity and challenges (SWOC) of the department.
2. Vision /Mission statements of renowned institutes (such as IIT's, NIT's and renowned institutes)
3. Keeping in view the Vision and Mission statements of the institute.

Once these statements of the vision and mission are framed, they have been further discussed among

- Faculty members before finalization.
- Students also before finalization.
- Stake holders also before finalization.

After improvisation the new vision and mission statements are sent to the Principal for approval. Our process for establishing and revising Department Vision, Department Missions and Program Educational Objectives (PEOs) are depicted in figures below. Faculty Members/Students/Stakeholders/Alumni inputs are obtained through feedback forms/surveys with follow-up email and telephone calls by the Department HoD and associated faculty members. This feedback is condensed and presented to faculty members at the final faculty members meeting.



**Figure 1.1 Selection Process of Department Vision**





Jaipur Engineering College and Research Centre  
Shri Ram ki Nangal, via Sitapura RIICO  
Jaipur- 302 022.

Academic year  
2020- 2021

Department of Electrical Engineering

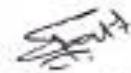
### Feedback of Vision

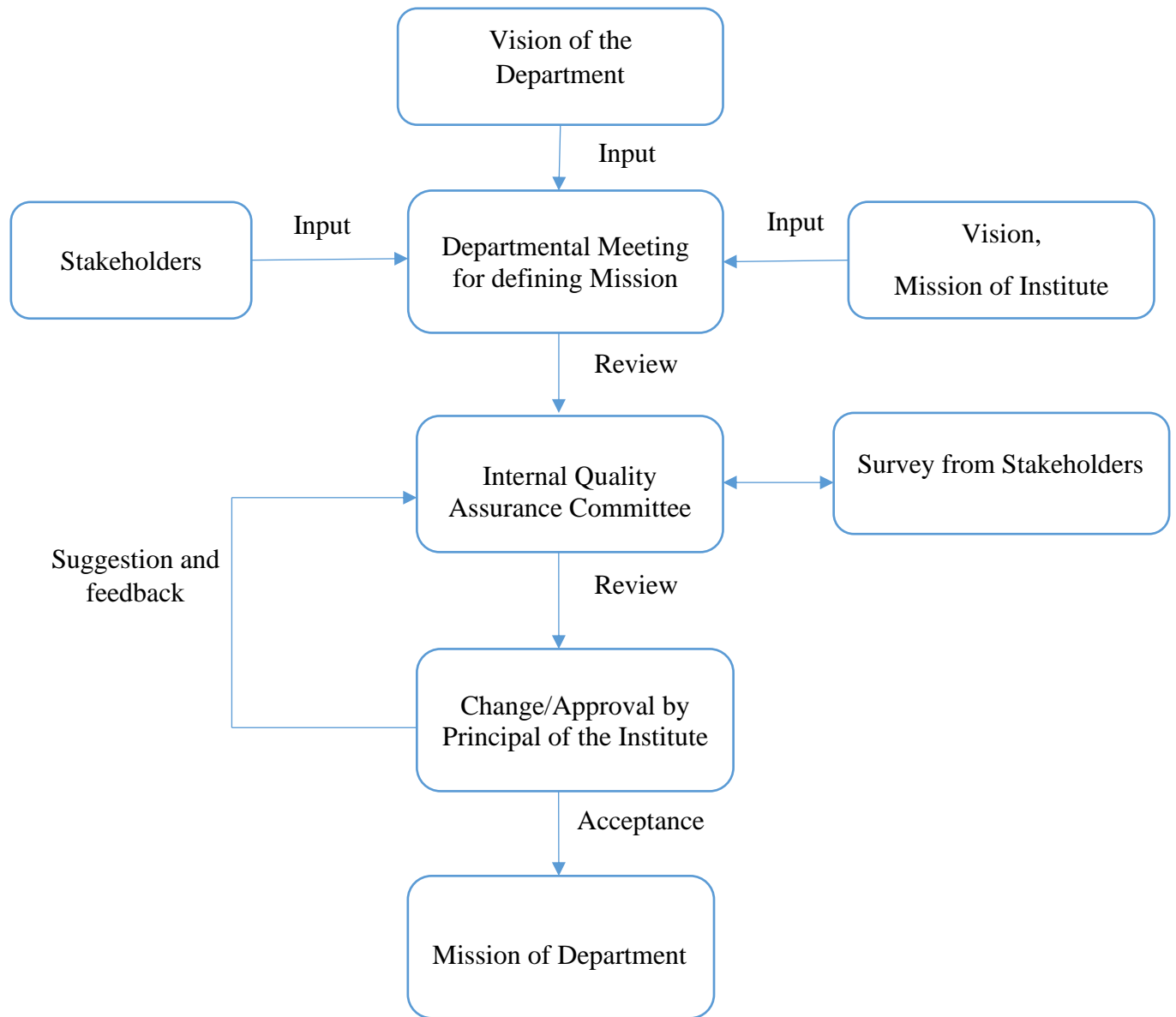
Dear, Students/Alumni/Parent/Industry Person/Faculty

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/Alumni/Parent/Industry Person/Faculty. Hence in this effort we request you to provide your feedback in the form given below.


Vision of the Institute Vision of the Department	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.
Department of Electrical Engineering strives to be recognized globally for outcome based education to develop engineers having the potential to inculcate advanced technologies for industry and society.	H
To be an internationally renowned institution of higher learning in research, innovation, publication and teaching.	L
To establish outcome based excellence in teaching, learning and commitment to support Industry.	M
To envisage an ambience of excellence, inspiring value based education, research and development in electrical engineering with a commitment to train students with world class competency and cutting edge proficiency to face challenges of global market with confidence.	M
Through the quality of the people of the department of electrical engineering will be recognised as a leader of its discipline among world class competitors.	L
To be globally recognized department that produce quality students in area of electrical engineering.	L
To impart quality education in academic as well as scholarly activities, which strengthen the department reputation in global market.	M
To a globally recognised department in the area of electrical engineering - a first choice for undergraduate education.	L

H: High  
M: Medium  
L: Low

  
Gopal Tiwari  
Name and Signature



**Figure 1.2 Selection Process of Department Missions**

 JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE	<b>Jaipur Engineering College and Research Centre</b> <b>Shri Ram ki Nangal, via Sitapura RIICO</b> <b>Jaipur- 302 022.</b>	<b>Academic year</b> <b>2020- 2021</b>
<b>Department of Electrical Engineering</b>		


### Vision Evaluation Form

S. No	Vision	5	4	3	2	1
1	To be an internationally renowned institution of higher learning in research, innovation, publication and teaching.				✓	
2	To establish outcome based excellence in teaching, learning and commitment to support Industry.			✓		
3	To envisage an ambience of excellence, inspiring value based education, research and development in electrical engineering with a commitment to train students with world class competency and cutting edge proficiency to face challenges of global market with confidence.			✓		
4	Department of Electrical Engineering strives to be recognized globally for outcome based education to develop engineers having the potential to inculcate advanced technologies for industry and society.		✓			
5	Through the quality of the people of the department of electrical engineering will be recognised as a leader of its discipline among world class competitors.				✓	
6	To be globally recognized department that produce quality students in area of electrical engineering.					✓
7	To impart quality education in academic as well as scholarly activities, which strengthen the department reputation in global market.			✓		
8	To a globally recognised department in the area of electrical engineering – a first choose for undergraduate education.				✓	

Name and signature *Jisha Varghese Jisha*

Designation and Organisation *A.P, JECRC*

**FACULTY FEEDBACK**

 <small>JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE</small>	<b>Jaipur Engineering College and Research Centre</b> <b>Shri Ram ki Naagal, via Sitapura RHICO</b> <b>Jaipur- 302 022.</b>	<b>Academic year</b> <b>2017- 2018</b>
<b>Department of Electrical Engineering</b>		


### Vision Evaluation Form

S. No	Vision	5	4	3	2	1
1	To be an internationally renowned institution of higher learning in research, innovation, publication and teaching.		✓			
2	To establish outcome based excellence in teaching, learning and commitment to support Industry.		✓			
3	To envisage an ambience of excellence, inspiring value based education, research and development in electrical engineering with a commitment to train students with world class competency and cutting edge proficiency to face challenges of global market with confidence.		✓			
4	Department of Electrical Engineering strives to be recognized globally for outcome based education to develop engineers having the potential to inculcate advanced technologies for industry and society.		✓			
5	Through the quality of the people of the department of electrical engineering will be recognised as a leader of its discipline among world class competitors.	✓				
6	To be globally recognized department that produce quality students in area of electrical engineering.		✓			
7	To impart quality education in academic as well as scholarly activities, which strengthen the department reputation in global market.	✓				
8	To a globally recognised department in the area of electrical engineering – a first choose for undergraduate education.		✓			

Name and signature Abhishek Sharma *Abhishek*

Designation and Organisation System Engineer , Infosys Ltd.

*Industry  
Feedback.*

 JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE	<b>Jaipur Engineering College and Research Centre</b> <b>Shri Ram ki Nangal, via Sitapura RIICO</b> <b>Jaipur- 302 022.</b>	<b>Academic year</b> 2020 2021
<b>Department of Electrical Engineering</b>		

### Feedback on Mission

Dear, **Students/Alumni/Parent/Industry Person/Faculty**

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/Alumni/Parent/Industry Person/Faculty. Hence in this effort we request you to provide your feedback in the form given below.

Vision of Department Department Mission	Department of Electrical Engineering strives to be recognized globally for outcome based education to develop engineers having the potential to inculcate advanced technologies for industry and society.
To impart quality technical education to the learners to make them globally competitive in the field of Electrical Engineering.	H
To provide the learners with ethical and social values along with an excellent academic environment for lifelong learning.	H
To educate the nation's future leaders in the science and art of electrical engineering.	M
To promote industry-institute relationship.	H
To serve society through innovation and excellence in teaching and research.	M

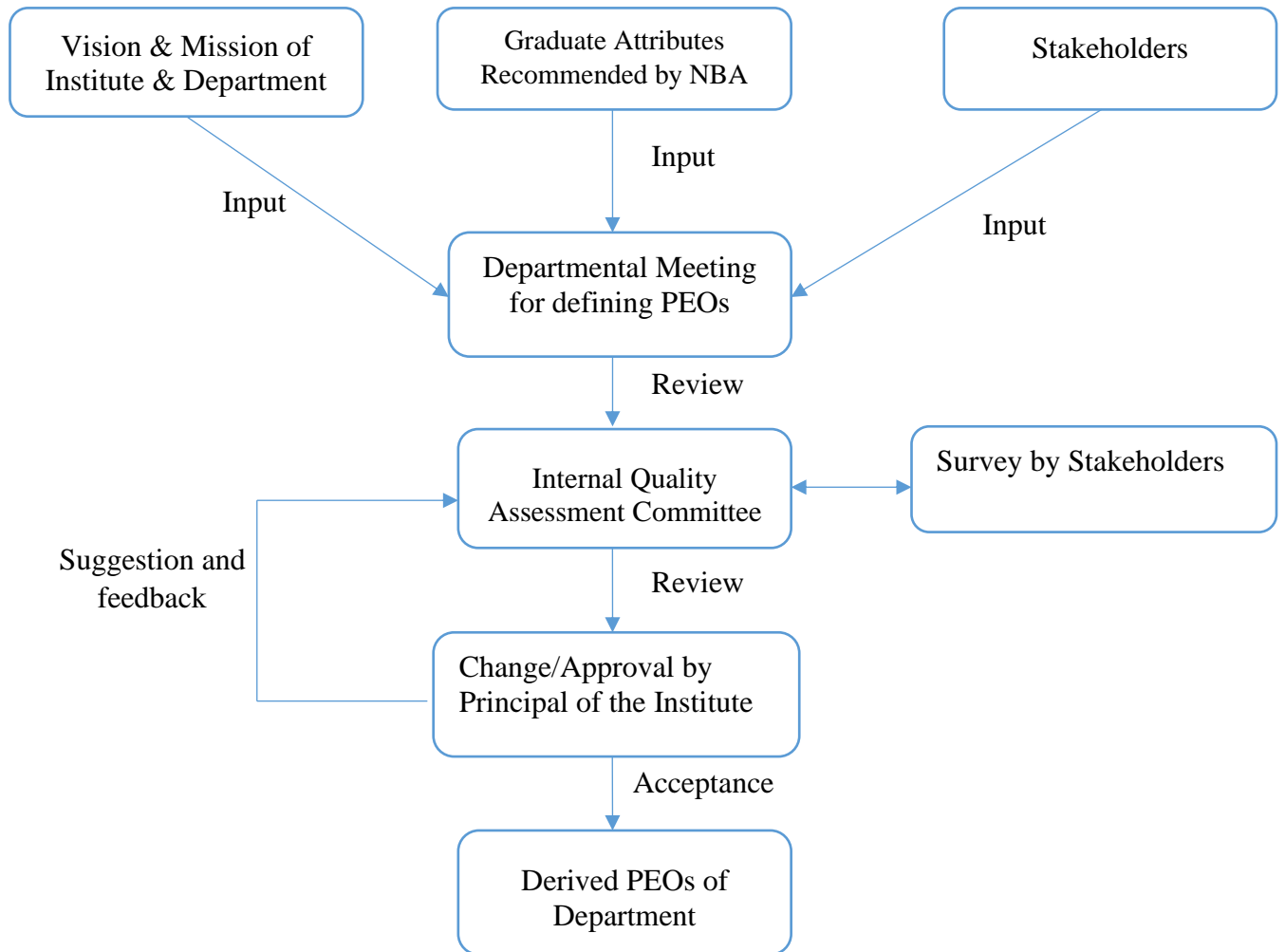
H: High

M: Medium


L: Low

Ms. NUPUR YADAV  
 Name and signature

Assistant Professor  
 Designation and Organisation  
 JECRC.



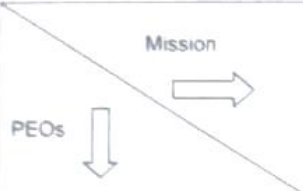
**Figure 1.3 Selection Process of department PEOs**

 <small>JAI PUR ENGINEERING COLLEGE AND RESEARCH CENTRE</small>	<b>Jaipur Engineering College and Research Centre</b> <b>Shri Ram ki Nangal, via Sitapura RHICO</b> <b>Jaipur- 302 022.</b>	<b>Academic year</b> <b>20 - 20</b>
	<b>Department of Electrical Engineering</b>	

### Feedback on Mission vs PEOs

**Dear Faculty**

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. Faculty. Hence in this effort we request you to provide your feedback in the form given below.

	<b>Mission</b> <small>To impart quality technical education to the learners to make globally competitive in the field of Electrical Engineering</small>	<small>To provide the learners with ethical and social values along with an excellent academic environment for lifelong learning.</small>	<small>To promote industry-institute relationship.</small>
<small>To provide students with the fundamentals of Engineering Sciences with more emphasis in Electrical Engineering by way of analyzing and exploiting engineering challenges.</small>	H	H	H
<small>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.</small>	H	M	H
<small>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.</small>	M	M	H
<small>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.</small>	H	M	M
<small>To prepare students to excel in Industry and Higher education by Educating Students along with High moral values and Knowledge.</small>	M	M	M

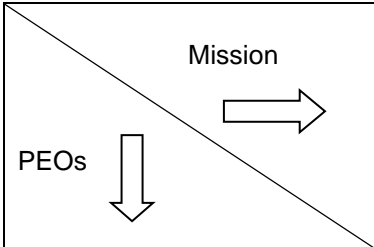
H: High  
M: Medium  
L: Low

*Heha Agrawal*  
 Name and signature *Heha*

Assistant Professor  
 Designation and Organisation

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

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

	To impart quality technical education to the learners to make globally competitive in the field of Electrical Engineering.	To provide the learners with ethical and social values along with an excellent academic environment for lifelong learning.	To promote industry-institute relationship.
To provide students with the fundamentals of Engineering Sciences with more emphasis in Electrical Engineering by way of analyzing and exploiting engineering challenges.	H	H	H
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.	H	H	H
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.	H	H	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.	H	H	H
To prepare students to excel in Industry and Higher education by Educating Students along with High moral values and Knowledge.	H	H	H

### **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:

- PEO's are divided into keywords and then correlation is checked with all missions.
- After taking the feedback from all the faculty members of the department if the consistency found is above 90%, (✓) is marked. If consistency is found between 75-90%, the particular block is left blank.

### **Why High:**

If (✓) is marked in all blocks i.e. all the keywords of PEO are found consistent with the mission so it must be rated high.



**Why Medium:**

If ✓ is marked in 50% or above blocks i.e. PEO is moderately consistent with the mission of the department.

<b>Justification of mapping of PEO 1 with Mission</b>			
Mission  PEO 1 Keywords	To impart quality technical education to the learners to make globally competitive in the field of Electrical Engineering.	To provide the learners with ethical and social values along with an excellent academic environment for lifelong learning.	To promote industry-institute relationship.
Fundamentals of Engineering Sciences.	✓	✓	✓
Analysing and exploiting engineering challenges.	✓	✓	✓
<b>Justification of mapping of PEO 2 with Mission</b>			
Mission  PEO 2 Keywords	To impart quality technical education to the learners to make globally competitive in the field of Electrical Engineering.	To provide the learners with ethical and social values along with an excellent academic environment for lifelong learning.	To promote industry-institute relationship.
Good scientific and engineering knowledge.	✓	✓	✓
Create novel products and solutions for the real life problems.	✓	✓	✓
<b>Justification of mapping of PEO 3 with Mission</b>			
Mission  PEO 3 Keywords	To impart quality technical education to the learners to make globally competitive in the field of Electrical Engineering.	To provide the learners with ethical and social values along with an excellent academic environment for lifelong learning.	To promote industry-institute relationship.
Professional and ethical attitude.	✓	✓	✓

Communication skills, teamwork skills.	✓	✓	✓
Multidisciplinary approach.	✓	✓	✓
Entrepreneurial thinking.	✓	✓	✓
Relate engineering issues with social issues.	✓	✓	✓
<b>Justification of mapping of PEO 4 with Mission</b>			
Mission  PEO 4 Keywords	To impart quality technical education to the learners to make globally competitive in the field of Electrical Engineering.	To provide the learners with ethical and social values along with an excellent academic environment for lifelong learning.	To promote industry-institute relationship.
Academic environment aware of excellence, leadership, written ethical codes.	✓	✓	✓
Successful professional career.	✓	✓	✓
Self-motivated life-long learning.	✓	✓	✓
<b>Justification of mapping of PEO 5 with Mission</b>			
Mission  PEO 5 Keywords	To impart quality technical education to the learners to make globally competitive in the field of Electrical Engineering.	To provide the learners with ethical and social values along with an excellent academic environment for lifelong learning.	To promote industry-institute relationship.
Excel in Industry and Higher education.	✓	✓	✓
High moral values and Knowledge.	✓	✓	✓

**Justification:**

1. Department has prepared PEOs and Mission mapping format and circulated to the Faculty members, industry experts, alumni etc.
2. Faculty members, industry experts, alumni etc. did the mapping and submitted to department for finalization.
3. Analysis of the mapping submitted by the stake holders is carried out and finalized.

<b>CRITERION 2</b>	<b>Program Curriculum and Teaching – Learning Processes</b>	<b>120</b>
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## **2. PROGRAM CURRICULUM AND TEACHING - LEARNING PROCESSES (120)**

### **2.1 Program Curriculum (20)**

Jaipur Engineering College and Research Centre is affiliated to Rajasthan Technical University, Kota. The course curriculum of electrical engineering has been provided by the university.

The curriculum provided by the university needs a planning for the curriculum delivery and is processed based on 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 sustainability.
- 5) Experiential learning through project work, field work, internship etc.
- 6) Extension and outreach program

The planning of curriculum delivery is shared with the IQAC and also included in the academic calendar of the department.

### **Curriculum Planning**

Curriculum planning is done under the consideration of the following points:

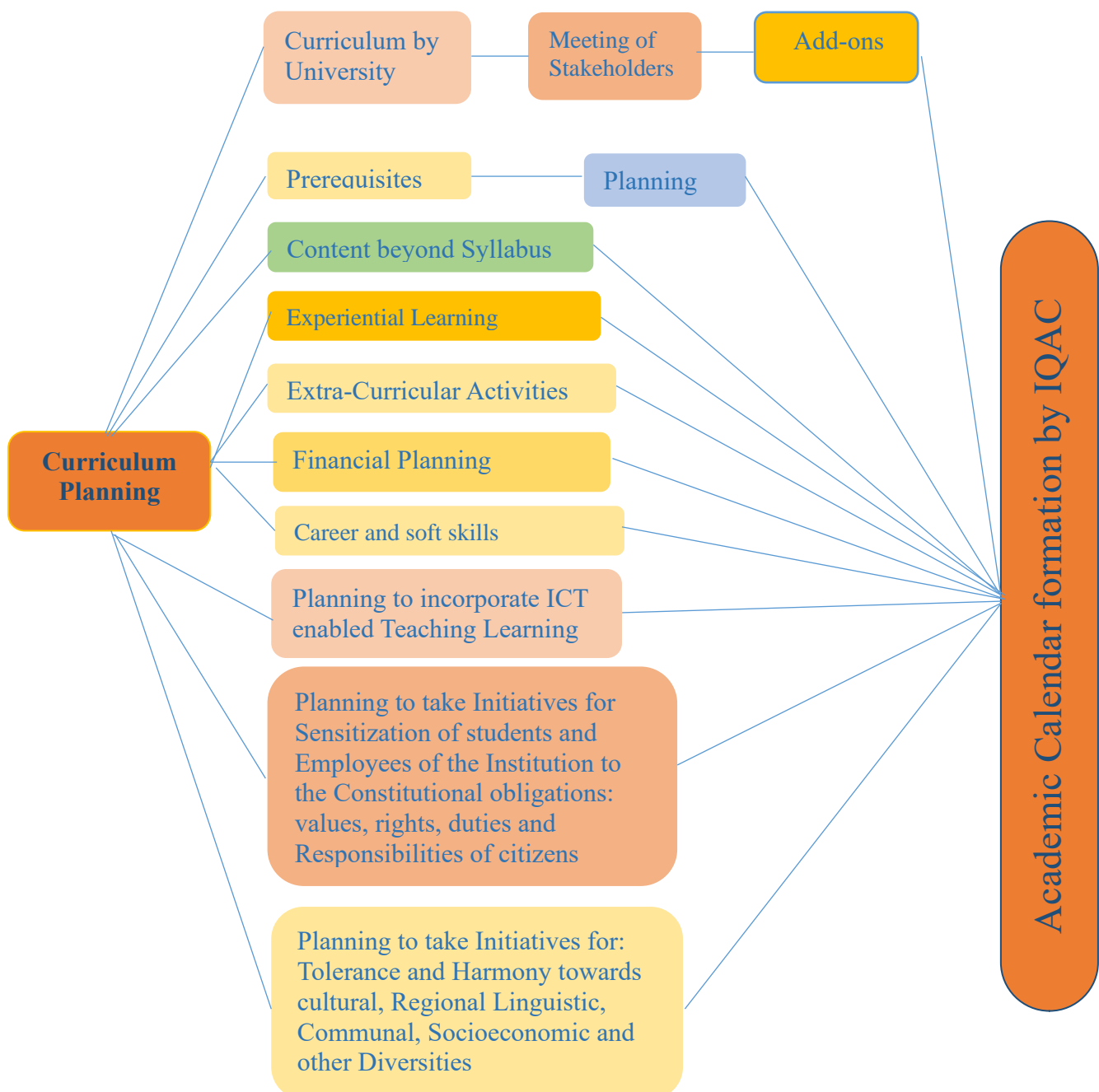
1. Curriculum by University - Institute follows the curriculum provided by the university in all programs.
2. Prerequisites - Subject wise prerequisites are discussed and explained to students.
3. Content Beyond Syllabus - After the feedback received from different stakeholders the gap in the curriculum 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 curricular and extracurricular 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.



## Curriculum Provided by University

Teaching and Examination Scheme Session 2021-22 I Semester: B. Tech Common to all branches of UG Engineering & Technology										
S No	Category	Course Code	Course Title	Hours			Marks			Cr
				L	T	P	IA	ETE	Total	
1	BSC	1FY2-01	Engineering Mathematics-I	3	1	-	40	160	<b>200</b>	<b>4</b>
2	BSC	1FY2-02/ 1FY2-03	Engineering Physics/ Engineering Chemistry	3	1	-	40	160	<b>200</b>	<b>4</b>
3	HSMC	1FY1-04/ 1FY1-05	Communication Skills/ Human Values	2	-	-	20	80	<b>100</b>	<b>2</b>
4	ESC	1FY3-06/ 1FY3-07	Programming for Problem Solving/ Basic Mechanical Engineering	2	-	-	20	80	<b>100</b>	<b>2</b>
5	ESC	1FY3-08/ 1FY3-09	Basic Electrical Engineering/ Basic Civil Engineering	2	-	-	20	80	<b>100</b>	<b>2</b>
6	BSC	1FY2-20/ 1FY2-21	Engineering Physics Lab/ Engineering Chemistry Lab	-	-	2	30	20	<b>50</b>	<b>1</b>
7	HSMC	1FY1-22/ 1FY1-23	Language Lab/ Human Values Activities and Sports	-	-	2	30	20	<b>50</b>	<b>1</b>
8	ESC	1FY3-24/ 1FY3-25	Computer Programming Lab/ Manufacturing Practices Workshop	-	-	3	45	30	<b>75</b>	<b>1.5</b>
9	ESC	1FY3-26/ 1FY3-27	Basic Electrical Engineering Lab/ Basic Civil Engineering Lab	-	-	2	30	20	<b>50</b>	<b>1</b>
10	ESC	1FY3-28/ 1FY3-29	Computer Aided Engineering Graphics/ Computer Aided Machine Drawing	-	-	3	45	30	<b>75</b>	<b>1.5</b>
11	SODE CA	1FY8-00							<b>25</b>	<b>0.5</b>
<b>Total</b>									<b>1025</b>	<b>20.5</b>
L = Lecture, T = Tutorial, P = Practical, IA=Internal Assessment, ETE=End Term Exam, Cr=Credits										

Teaching and Examination Scheme  
Session 2021-22  
II Semester: B. Tech.  
Common to all branches of UG Engineering & Technology

S No	Category	Course Code	Course Title	Hours			Marks			Cr
				L	T	P	IA	ETE	Total	
1	BSC	2FY2-01	Engineering Mathematics-II	3	1	-	40	160	<b>200</b>	<b>4</b>
2	BSC	2FY2-03/ 2FY2-02	Engineering Chemistry/ Engineering Physics	3	1	-	40	160	<b>200</b>	<b>4</b>
3	HSMC	2FY1-05/ 2FY1-04	Human Values/ Communication Skills	2	-	-	20	80	<b>100</b>	<b>2</b>
4	ESC	2FY3-07/ 2FY3-06	Basic Mechanical Engineering/ Programming for Problem Solving	2	-	-	20	80	<b>100</b>	<b>2</b>
5	ESC	2FY3-09/ 2FY3-08	Basic Civil Engineering/ Basic Electrical Engineering	2	-	-	20	80	<b>100</b>	<b>2</b>
6	BSC	2FY2-21/ 2FY2-20	Engineering Chemistry Lab/Engineering Physics Lab	-	-	2	30	20	<b>50</b>	<b>1</b>
7	HSMC	2FY1-23/ 2FY1-22	Human Values Activities and Sports/ Language Lab	-	-	2	30	20	<b>50</b>	<b>1</b>
8	ESC	2FY3-25/ 2FY3-24	Manufacturing Practices Workshop/ Computer Programming Lab	-	-	3	45	30	<b>75</b>	<b>1.5</b>
9	ESC	2FY3-27/ 2FY3-26	Basic Civil Engineering Lab/Basic Electrical Engineering Lab	-	-	2	30	20	<b>50</b>	<b>1</b>
10	ESC	2FY3-29/ 2FY3-28	Computer Aided Machine Drawing/ Computer Aided Engineering Graphics	-	-	3	45	30	<b>75</b>	<b>1.5</b>
11	SODE CA	1FY8-00							<b>25</b>	<b>0.5</b>
<b>Total</b>									<b>1025</b>	<b>20.5</b>
L = Lecture, T = Tutorial, P = Practical, IA=Internal Assessment, ETE=End Term Exam, Cr=Credits										

Teaching and Examination Scheme  
Session 2021-22  
III Semester: B. Tech.  
B. Tech. : Electrical Engineering

S No	Category	Course Code	Course Title	Hours			Marks			Cr
				L	T	P	IA	ETE	Total	
1	BSC	3EE2-01	Advance Mathematics	3	0	0	30	120	<b>150</b>	<b>3</b>
2	HSMC	3EE1-02/ 3EE1-03	Technical Communication / Managerial Economics and Financial Accounting	2	0	0	20	80	<b>100</b>	<b>2</b>
3	PCC	3EE3-04	Power generation Process	2	0	0	20	80	<b>100</b>	<b>2</b>
4		3EE4-05	Electrical Circuit Analysis	3	0	0	30	120	<b>150</b>	<b>3</b>
5		3EE4-06	Analog Electronics	3	0	0	30	120	<b>150</b>	<b>3</b>
6		3EE4-07	Electrical Machine - I	3	0	0	30	120	<b>150</b>	<b>3</b>
7		3EE4-08	Electromagnetic Field	2	0	0	20	80	<b>100</b>	<b>2</b>
			Sub Total	18	0	0	180	720	<b>900</b>	<b>18</b>
8	PCC	3EE4-21	Analog Electronics Lab	0	0	2	30	20	<b>50</b>	<b>1</b>
9		3EE4-22	Electrical Machine-I Lab	0	0	4	60	40	<b>100</b>	<b>2</b>
10		3EE4-23	Electrical circuit design Lab	0	0	4	60	40	<b>100</b>	<b>2</b>
13	PSIT	3EE7-30	Industrial Training	0	0	2			<b>50</b>	<b>1</b>
14	SODE CA	3EE8-00	Social Outreach, Discipline & Extra Curricular Activities						<b>25</b>	<b>0.5</b>
			Sub- Total	0	0	12	150	100	<b>325</b>	<b>6.5</b>
		<b>TOTAL OF III SEMESTER</b>		<b>18</b>	<b>0</b>	<b>12</b>	<b>330</b>	<b>820</b>	<b>1225</b>	<b>24.5</b>

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Teaching and Examination Scheme  
Session 2021-22  
IV Semester: B. Tech.  
B. Tech. : Electrical Engineering

S No	Category	Course Code	Course Title	Hours			Exam Hrs	Marks			Cr
				L	T	P		IA	ETE	Total	
1	BSC	4EE2-01	Biology	2	0	0	2	20	80	<b>100</b>	<b>2</b>
2	HSMC	4EE1-02/ 4EE1-03	Technical Communication / Managerial Economics and Financial Accounting	2	0	0	2	20	80	<b>100</b>	<b>2</b>
3	ESC PCC	4EE3-04	Electronic Measurement & Instrumentation	2	0	0	2	20	80	<b>100</b>	<b>2</b>
4		4EE4-05	Electrical Machine - II	3	0	0	3	30	120	<b>150</b>	<b>3</b>
5		4EE4-06	Power Electronics	3	0	0	3	30	120	<b>150</b>	<b>3</b>
6		4EE4-07	Signals & Systems	3	0	0	3	30	120	<b>150</b>	<b>3</b>
7		4EE4-08	Digital Electronics	2	0	0	2	20	80	<b>100</b>	<b>2</b>
		Sub Total	17	0	0		170	680	<b>850</b>	<b>17</b>	
8	PCC	4EE4-21	Electrical Machine - II Lab	0	0	4		60	40	<b>100</b>	<b>2</b>
9		4EE4-22	Power Electronics Lab	0	0	4		60	40	<b>100</b>	<b>2</b>
10		4EE4-23	Digital Electronics Lab	0	0	2		30	20	<b>50</b>	<b>1</b>
11		4EE3-24	Measurement Lab	0	0	2		30	20	<b>50</b>	<b>1</b>
13	SODEC A	4EE8-00	Social Outreach, Discipline & Extra-Curricular Activities							<b>25</b>	<b>0.5</b>
			Sub- Total	0	0	12		180	120	<b>325</b>	<b>6.5</b>
			<b>TOTAL OF IV SEMEESTER</b>	<b>17</b>	<b>0</b>	<b>12</b>		<b>350</b>	<b>800</b>	<b>1175</b>	<b>23.5</b>

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ETE=End Term Exam, Cr=Credits

Teaching and Examination Scheme  
Session 2021-22  
V Semester: B. Tech.  
B. Tech. : Electrical Engineering

S No	Category	Course Code	Course Title	Hours			Exam Hrs	Marks			Cr
				L	T	P		IA	ETE	Total	
1	ESC	5EE3-01	Electrical Materials	2	0	0	2	20	80	<b>100</b>	<b>2</b>
2	PCC/ PEC	5EE4-02	Power System - I	3	0	0	3	30	120	<b>150</b>	<b>3</b>
3		5EE4-03	Control System	3	0	0	3	30	120	<b>150</b>	<b>3</b>
4		5EE4-04	Microprocessor	3	0	0	3	30	120	<b>150</b>	<b>3</b>
5		5EE4-05	Electrical Machine Design	3	0	0	3	30	120	<b>150</b>	<b>3</b>
6		Professional Elective I (any one)		2	0	0	2	20	80	<b>100</b>	<b>2</b>
		5EE5-11	Restructured Power System.								
		5EE5-12	Electromagnetic Wave.								
		5EE5-13	Digital Control System.								
		Sub Total		<b>16</b>	<b>0</b>	<b>0</b>		<b>160</b>	<b>640</b>	<b>800</b>	<b>16</b>
7	PCC	5EE4-21	Power System - I Lab	0	0	2	2	30	20	<b>50</b>	<b>1</b>
8		5EE4-22	Control System Lab	0	0	2	2	30	20	<b>50</b>	<b>1</b>
9		5EE4-23	Microprocessor Lab	0	0	2	2	30	20	<b>50</b>	<b>1</b>
10		5EE4-24	System Programming Lab	0	0	2	2	30	20	<b>50</b>	<b>1</b>
11	PSIT	5EE7-30	Industrial Training	0	0	1		75	50	<b>125</b>	<b>2.5</b>
12	SODEC A	5EE8-00	Social Outreach, Discipline & Extra-Curricular Activities						25	<b>25</b>	<b>0.5</b>
		Sub- Total		<b>0</b>	<b>0</b>	<b>9</b>		<b>195</b>	<b>155</b>	<b>350</b>	<b>7</b>
		TOTAL OF V SEMESTER		<b>16</b>	<b>0</b>	<b>9</b>		<b>355</b>	<b>795</b>	<b>1150</b>	<b>23</b>

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Teaching and Examination Scheme  
Session 2021-22  
VI Semester: B. Tech.  
B. Tech. : Electrical Engineering

S No	Category	Course Code	Course Title	Hours			Exam Hrs	Marks			Cr
				L	T	P		IA	ETE	Total	
1	ESC	6EE3-01	Computer Architecture	2	0	0	2	20	80	<b>100</b>	<b>2</b>
2	PCC/ PEC	6EE4-02	Power System – II	3	0	0	3	30	120	<b>150</b>	<b>3</b>
3		6EE4-03	Power System Protection	3	0	0	3	30	120	<b>150</b>	<b>3</b>
4		6EE4-04	Electrical Energy Conversion and Auditing	3	0	0	3	120	120	<b>150</b>	<b>3</b>
5		6EE4-05	Electric Drives	3	0	0	3	30	120	<b>150</b>	<b>3</b>
6		Professional Elective II (any one)		3	0	0	3	30	120	<b>150</b>	<b>3</b>
		6EE5-11	Power System Planning.								
		6EE5-12	Digital Signal Processing.								
		6EE5-13	Electrical and Hybrid Vehicles.								
		Sub Total		<b>17</b>	<b>0</b>	<b>0</b>	<b>17</b>	<b>260</b>	<b>680</b>	<b>850</b>	<b>17</b>
7	PCC	6EE4-21	Power System - II Lab	0	0	4	3	60	40	<b>100</b>	<b>2</b>
8		6EE4-22	Electric Drives Lab	0	0	4	3	60	40	<b>100</b>	<b>2</b>
9		6EE4-23	Power System Protection Lab	0	0	2	2	30	20	<b>50</b>	<b>1</b>
10		6EE4-24	Modelling and simulation lab	0	0	2	2	30	20	<b>50</b>	<b>1</b>
11	SODE CA	6EE8-00	Social Outreach, Discipline & Extra-Curricular Activities	0	0	0			25	<b>25</b>	<b>0.5</b>
		Sub- Total		<b>0</b>	<b>0</b>	<b>12</b>		<b>180</b>	<b>145</b>	<b>325</b>	<b>6.5</b>
		<b>TOTAL OF VI SEMESTER</b>		<b>17</b>	<b>0</b>	<b>12</b>		<b>350</b>	<b>825</b>	<b>1175</b>	<b>23.5</b>

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Teaching and Examination Scheme  
Session 2021-22  
VII Semester: B. Tech.  
B. Tech. : Electrical Engineering

S No	Category	Course Code	Course Title	Hours			Exam Hrs	Marks			Cr
				L	T	P		IA	ETE	Total	
1	PEC	7EE5-11	Wind and Solar Energy Systems.	3	0	0	3	30	120	<b>150</b>	<b>3</b>
2		7EE5-12	Power Quality and FACTS								
3		7EE5-13	Control System Design.								
4	OE		Open Elective-I	3	0	0	3	30	120	<b>150</b>	<b>3</b>
			SUB TOTAL	<b>6</b>	<b>0</b>	<b>0</b>		<b>60</b>	<b>240</b>	<b>300</b>	<b>6</b>
5	PCC	7EE4-21	Embedded Systems Lab	0	0	4	2	60	40	<b>100</b>	<b>2</b>
6	PCC	7EE4-22	Advance control system lab	0	0	4	2	60	40	<b>100</b>	<b>2</b>
7	PSIT	7EE7-30	Industrial Training	1	0	0		75	50	<b>125</b>	<b>2.5</b>
8		7EE7-40	Seminar	2	0	0		60	40	<b>100</b>	<b>2</b>
9	SODE - CA	7EE8-00	Social Outreach, Discipline & Extra-Curricular Activities	0	0	0		0	25	<b>25</b>	<b>0.5</b>
			SUB TOTAL	<b>3</b>	<b>0</b>	<b>8</b>		<b>255</b>	<b>195</b>	<b>450</b>	<b>6</b>
			TOTAL OF VII SEMESTER	<b>9</b>	<b>0</b>	<b>8</b>		<b>315</b>	<b>435</b>	<b>750</b>	<b>15</b>

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Teaching and Examination Scheme  
Session 2021-222  
VIII Semester: B. Tech.  
B. Tech. : Electrical Engineering

S No	Category	Course Code	Course Title	Hours			Exam Hrs	Marks			Cr
				L	T	P		IA	ETE	Total	
1	PEC	8EE4-11	HVDC Transmission Sys- tem.	3	0	0	3	30	120	<b>150</b>	<b>3</b>
2		8EE4-12	Line Commutated and active rectifiers.								
3		8EE4-13	Advanced Electric Drives.								
4	OE		Open Elective-II	3	0	0	3	30	120	<b>150</b>	<b>3</b>
				<b>6</b>	<b>0</b>	<b>0</b>		<b>60</b>	<b>240</b>	<b>300</b>	<b>6</b>
5	PCC	8EE4-21	Energy Systems Lab	0	0	4	3	60	40	<b>100</b>	<b>2</b>
6	PSIT	8EE7-50	Project	3	0	0		210	140	<b>350</b>	<b>7</b>
7	SODE - CA	8EE8-00	SODECA	0	0	0			25	<b>25</b>	<b>0.5</b>
			SUB TOTAL	<b>3</b>	<b>0</b>	<b>4</b>		<b>270</b>	<b>205</b>	<b>475</b>	<b>9.5</b>
			TOTAL OF VIII SEMESTER	<b>9</b>	<b>0</b>	<b>4</b>		<b>330</b>	<b>445</b>	<b>775</b>	<b>15.5</b>

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P = Practical, IA=Internal Assessment,  
ETE=End Term Exam, Cr=Credits

**PRE - REQUISITE**  
**(TIME TABLE - 2021-2022)**

JECRC						
ELECTRICAL ENGINEERING DEPARTMENT						
IVSEM SECTION - B						
(Session 2020-21) W.e.f - 01-09-2021						
Class CO ORDINATOR - Mr. Vishal Sharma						
	9:00-10:00	10:00-11:00	11:00-12:00	12:00-1:00	1:00-2:00	2:00-3:00
	1	2	3	4	5	6
Mon	Electrical Machine - II Lab(B1)	PE LAB(B2)	DE LAB(B3)	B R E A K	EM LAB(B1)	SS
	VS	JV	GT		NA	ASC
Tues	Electrical Machine - II Lab(B2)	PE LAB(B3)	DE LAB(B1)		EM LAB(B2)	EM/C
	VS	JV	GT		NA	VS
Wed	Electrical Machine - II Lab(B3)	PE LAB(B1)	DE LAB(B2)		EM LAB(B3)	MEFA(SS)
	VS	JV	GT		NA	SS
Thurs	Electrical Machine - II Lab(B1)	PE LAB(B2)	DE LAB(B3)		EM LAB(B1)	SS
	VS	JV	GT		NA	ASC
Fri	Electrical Machine - II Lab(B2)	PE LAB(B3)	DE LAB(B1)		EM LAB(B2)	EM/C
	VS	JV	GT		NA	VS
Sat	Electrical Machine - II Lab(B3)	PE LAB(B1)	DE LAB(B2)		EM LAB(B3)	MEFA(SS)
	VS	JV	GT		NA	SS

SR.NO	SUB CODE	SUBJECT NAME	FACULTY	Abbreviation
<b>LAB</b>				
1	4EE4-23	Electrical Machine - II Lab	Mr. Vishal Sharma	VS
2	4EE4-22	Power Electronics Lab (PE Lab)	Ms Jisha Varghese	JV
3	4EE3-24	Measurement Lab	Ms Neha Agarwal	NA
4	4EE4-21	Digital Electronics Lab	Mr. Gopal Tiwari	GT
5	4EE3-04	MEFA	Mr.Shailendra Srivastava	SS
6	4EE4-05	Electrical Machine - II	Mr.Vishal Sharma	VS
7	4EE4-07	Signal Systems	Mr.Ashok Singh Chundawat	ASC

I/C Time Table

HOD EE

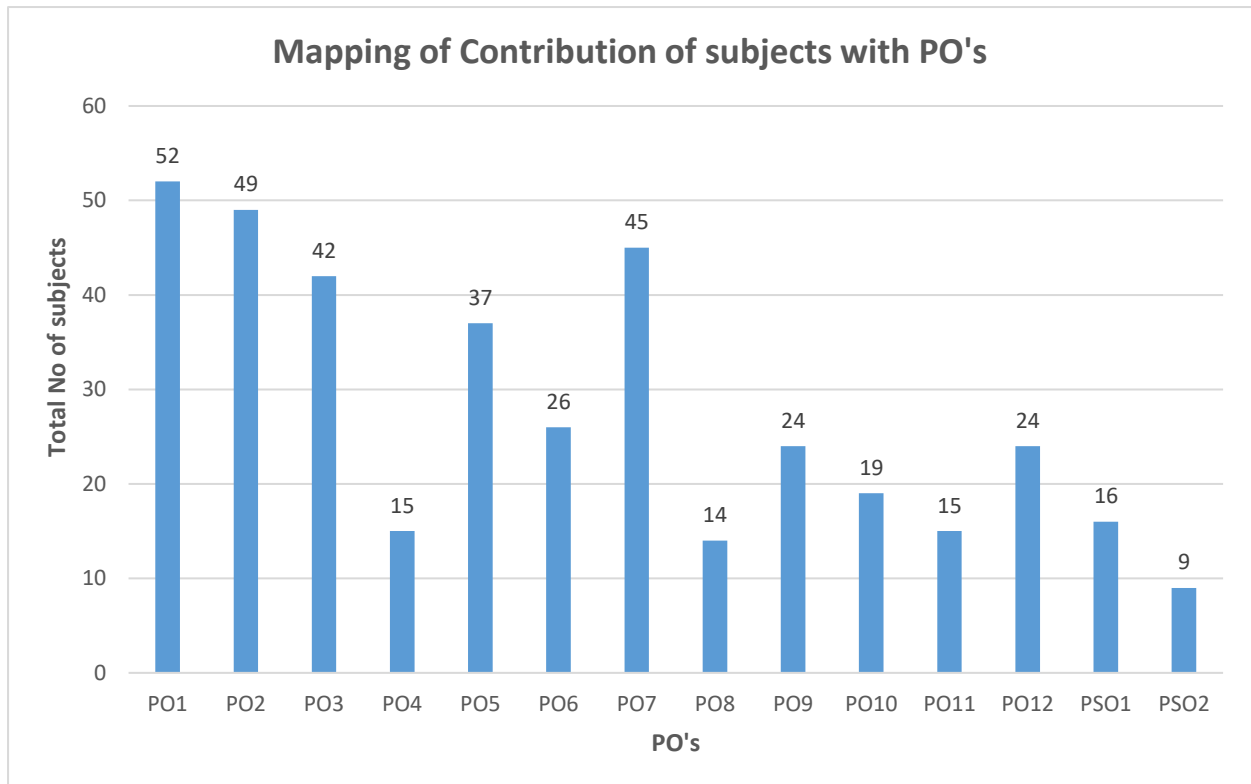
### Mapping of Programme Curriculum with POs

COURSE COMPONENTS			MAPPING WITH PO'S
Basic Science (All 1 <sup>st</sup> year Subjects plus Mathematics)			PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO9, PO10, PO11, PO12
CORE(Electrical Engineering)			PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12, PSO1, PSO2
ELECTIVE(Electrical Engineering)			
S.No	NAME OF SUBJECTS	SUB CODE	PO'S
1	HVDC Transmission System	8EE4-11	PO1,PO3,PO4.PO5
2	Energy Management	8AG6-60.1	PO1,PO3,PO4.PO5
3	Energy Systems Lab	8EE4-21	PO1,PO2,PO3,PO4.PO5,PO6,PO8, PO9,PO11,PO12
4	Project	8EE7-50	PO1,PO2,PO3,PO5,PO7,PO8, PO9, PO10,PO11,PO12
5	Wind & Solar Energy System	7EE5-11	PO1,PO2,PO3,PO5,PO7
6	Environmental Impact Analysis	7CE6.60.1	PO1,PO2,PO3,PO5,PO7
7	Embedded Systems Lab	7EE4-21	PO1,PO2,PO3,PO4.PO5,PO6,PO8, PO9,PO11,PO12
8	Advance Control System Lab	7EE4-22	PO1,PO2,PO3,PO4.PO5,PO6,PO8, PO9,PO11,PO12
9	Industrial Training	7EE7-30	PO1,PO2,PO3,PO4,PO6,PO7,PO9, PO10,PO11,PO12
10	Seminar	7EE7-40	PO1,PO2,PO5,PO6,PO7,PO8,PO9, PO10,PO12
11	Power System - II (PS-II)	6EE4-02	PO1,PO2,PO3,PO5,PO7
12	Power System Protection (PSP)	6EE4-03	PO1,PO2,PO3,PO5,PO7
13	Electrical Energy Conversion And Auditing (ECA)	6EE4-04	PO1,PO2,PO3,PO5,PO7
14	Electric Drives (ED)	6EE4-05	PO1,PO2,PO3,PO5,PO7
15	Electrical And Hybrid Vehicles (EHV)	6EE5-13	PO1,PO2,PO3,PO5,PO7
16	Power System - II Lab (PS-II Lab)	6EE4-21	PO1,PO2,PO5,PO6,PO7,PO8,PO9, PO10,PO12
17	Electric Drives Lab (ED Lab)	6EE4-22	PO1,PO2,PO5,PO6,PO7,PO8,PO9, PO10,PO12
18	Power System Protection Lab (PSP Lab)	6EE4-23	PO1,PO2,PO5,PO6,PO7,PO8,PO9, PO10,PO12
19	Modelling and Simulation Lab (M & S LAB)	6EE4-24	PO1,PO2,PO5,PO6,PO7,PO8,PO9, PO10,PO12
20	Electrical Materials (EM)	5EE3-01	PO1,PO2,PO3,PO5,PO7
21	Power System - I (PS-I)	5EE4-02	PO1,PO2,PO3,PO5,PO7

22	Control System (CS)	5EE4-03	PO1,PO2,PO3,PO5,PO7
23	Microprocessor (MP)	5EE4-04	PO1,PO2,PO3,PO5,PO7
24	Electrical Machine Design (EMD)	5EE4-05	PO1,PO2,PO3,PO5,PO7
25	Restructured Power System (RPS)	5EE5-11	PO1,PO2,PO3,PO5,PO7
26	Power System - I Lab	5EE4-21	PO1,PO2,PO5,PO6,PO7,PO8,PO9, PO10,PO12
27	Control System Lab	5EE4-22	PO1,PO2,PO5,PO6,PO7,PO8,PO9, PO10,PO12
28	Microprocessor Lab	5EE4-23	PO1,PO2,PO5,PO6,PO7,PO8,PO9, PO10,PO12
29	System Programming Lab	5EE4-24	PO1,PO2,PO5,PO6,PO7,PO8,PO9, PO10,PO12
30	Industrial Training	5EE7-30	PO1,PO2,PO3,PO4,PO6,PO7,PO9, PO10,PO11,PO12
31	Biology	4EE2-01	PO1,PO2,PO3,PO6,PO7
32	Managerial Economics And Financial Accounting (MEFA)	4EE1-03	PO1,PO2,PO3,PO6,PO7
33	Electronic Measurement & Instrumentation(Emi)	4EE3-04	PO1,PO2,PO3,PO5,PO7
34	Electrical Machine - II (EM/C-II)	4EE4-05	PO1,PO2,PO3,PO5,PO7
35	Power Electronics (PE)	4EE4-06	PO1,PO2,PO3,PO5,PO7
36	Signals & Systems (SS)	4EE4-07	PO1,PO2,PO3,PO5,PO7
37	Digital Electronics (DE)	4EE4-08	PO1,PO2,PO3,PO5,PO7
38	Electrical Machine - II Lab (EM/C-II Lab)	4EE4-21	PO1,PO2,PO3,PO4,PO6,PO7,PO9, PO10,PO11,PO12
39	Power Electronics Lab (PE Lab)	4EE4-22	PO1,PO2,PO3,PO4,PO6,PO7,PO9, PO10,PO11,PO12
40	Digital Electronics Lab(DE Lab)	4EE4-23	PO1,PO2,PO3,PO4,PO6,PO7,PO9, PO10,PO11,PO12
41	Measurement Lab (Mes. Lab)	4EE3-24	PO1,PO2,PO3,PO4,PO6,PO7,PO9, PO10,PO11,PO12
42	Advance Mathematics (AM)	3EE2-01	PO1,PO2,PO3, PO6
43	Technical Communication (TC)	3EE1-02	PO6,PO8,PO9, PO10,PO11,PO12
44	Power Generation Process (PGP)	3EE3-04	PO1,PO2,PO3,PO5,PO7
45	Electrical Circuit Analysis (ECA)	3EE4-05	PO1,PO2,PO3,PO5,PO7
46	Analog Electronics (AE)	3EE4-06	PO1,PO2,PO3,PO5,PO7
47	Electrical Machine - I (E/MC -1)	3EE4-07	PO1,PO2,PO3,PO5,PO7
48	Electromagnetic Field (EMFT)	3EE4-08	PO1,PO2,PO3,PO5,PO7
49	Analog Electronics Lab	3EE4-21	PO1,PO2,PO3,PO4,PO6,PO7,PO9, PO10,PO11,PO12



50	Electrical Machines-I Lab	3EE4-22	PO1,PO2,PO3,PO4,PO6,PO7,PO9,PO10,PO11,PO12
51	Electrical Circuit Design Lab	3EE4-23	PO1,PO2,PO3,PO4,PO6,PO7,PO9,PO10,PO11,PO12
52	Industrial Training	3EE7-30	PO1,PO2,PO3,PO4,PO6,PO7,PO9,PO10,PO11,PO12



**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)

**Program Outcomes**

- 1. Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems in Electrical Engineering.
- 2. Problem analysis:** Identify, formulate, research literature, and analyse complex Electrical Engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- 3. Design/development of solutions:** Design solutions for complex Electrical 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 in Electrical Engineering.

5. **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex Electrical 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 Electrical Engineering practice.

7. **Environment and sustainability:** Understand the impact of the professional Electrical 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 Electrical 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 Electrical Engineering.

10. **Communication:** Communicate effectively on complex Electrical 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 Electrical 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 Electrical Engineering.

### **PSO-Program Specific outcomes**

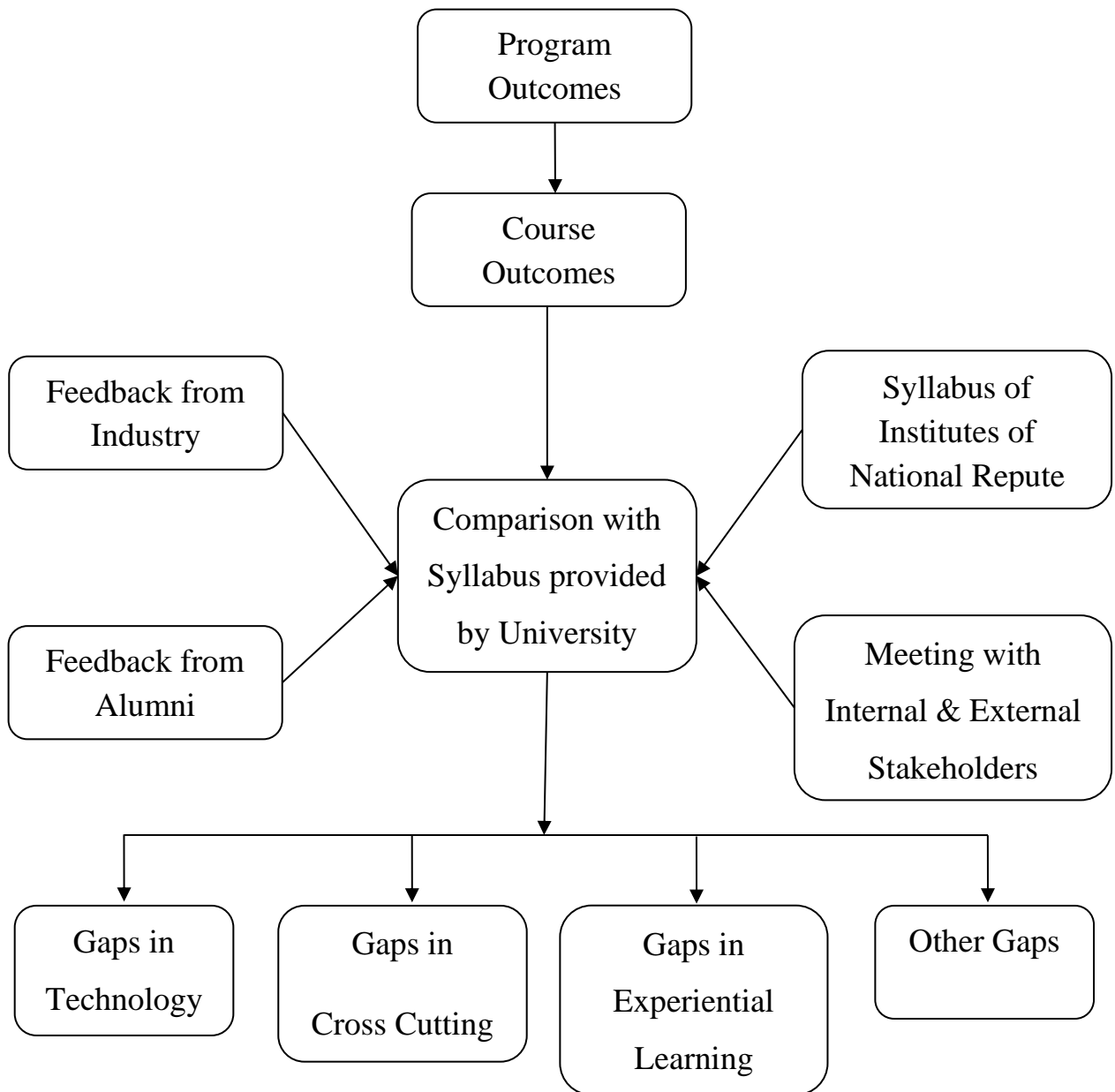
1. **PSO1.** Graduates are able to contribute for the development of automation
2. **PSO2.** Graduates are able to contribute towards integration of green energy.

The current pace of industry's changes mean that some curriculum is not according to the current demand of industries. Besides the domain skills, the industry also looks soft skills, team building, values and attitude of an individual at the time of hiring. ***So it is required to identify the extent of compliance of University curriculum.***

Following is the ***process used to identify extent of compliance of University curriculum for attaining the POs and PSOs.***

- Feedback from the teacher handling the course.

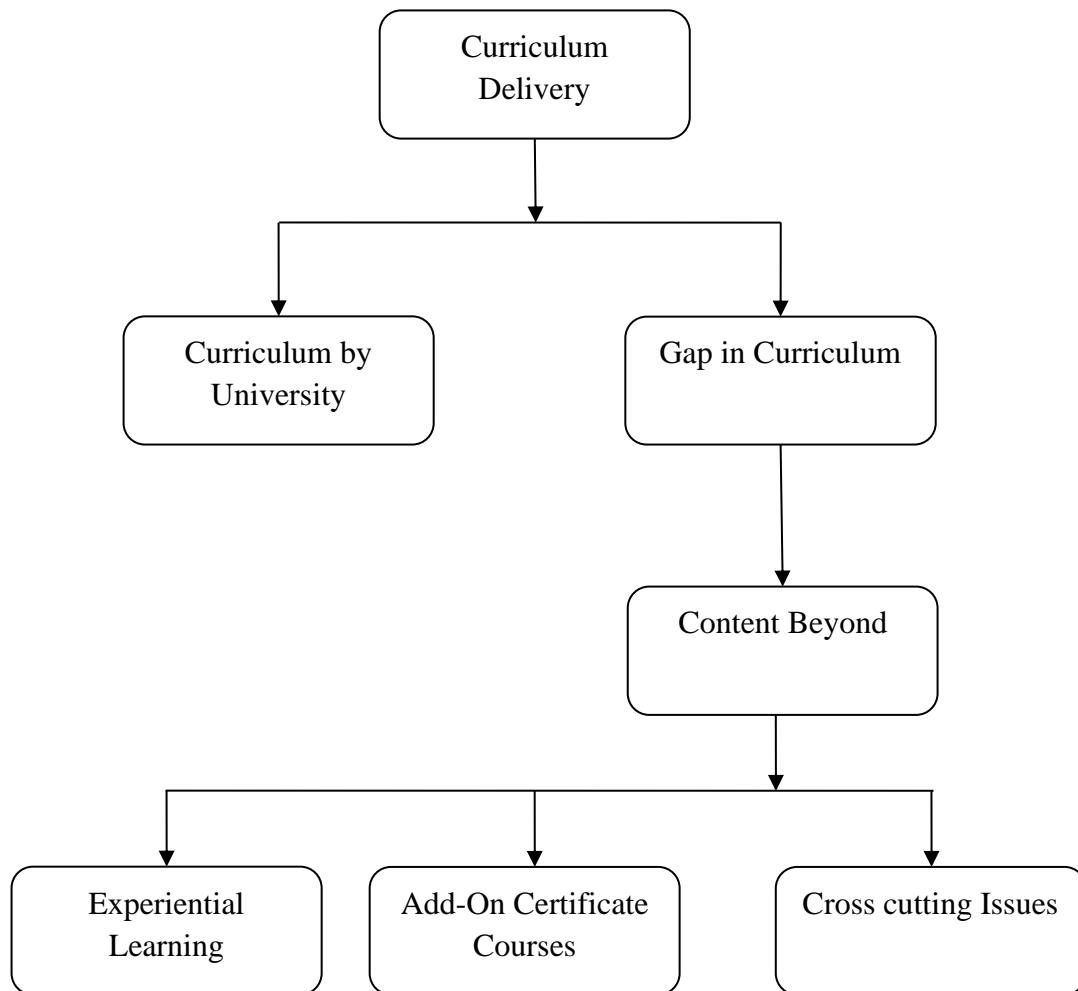
- Input from Industry experts/employers.
- Based on the feedback from placement cell.



**Figure 2.1 Curriculum gap analyses**

- Based on alumni feedback.
- On the basis of CO attainment of individual courses.
- On the basis of POs and PSOs attainment.

The procedure adopted for finding the curriculum gaps is shown in figure 2.1 while figure 2.2 indicates the process adopted for the identification and modification of curricular gaps for the attainment of the COs/POs.



**Figure 2.2 Processes for the identification and modification of curricular gaps for the attainment of the COs/POs**

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

The following are the means and methods used to accomplish the extent of compliance of the University curriculum for attaining the Program Outcomes are:

JECRC							
ELECTRICAL ENGINEERING DEPARTMENT							
VI SEM SECTION - B							
(Session 2020-21) W.e.f - 07-04-2021							
Class CO ORDINATOR - Mr. Ashok Singh Chundawat							
	9:00-10:00	10:00-11:00	11:00-12:00	12:00-1:00	1:00-2:00	2:00-3:00	
	1	2	3	4	5	6	
Mon	CA	PSP	BREAK	ECA	ED Lab		
	NS	SS		SC			
Tues	ED	CA		PSP	PS-II Lab		
	PB	NS		SS			
Wed	PSP			PS-II	PS-II Lab		
	SS			RSN			
Thurs	ECA	EHV		PS-II	PSP Lab		
	SC	RS		RSN			
Fri	ECA	EHV		ED	M & S Lab		
	SC	RS		PB			
Sat	EHV	PS-II		ED	ED Lab		
	RS	RSN		PB			
SR.NO	SUB CODE	SUBJECT NAME		FACULTY	Abbreviation		
1	6EE3-01	Computer Architecture (CA)		Ms. Neha Solanki	NS		
2	6EE4-02	Power System - II (PS-II)	Ms. Ritu Soni	RSN			
3	6EE4-03	Power System Protection	Mr. Shailendra Srivastava	SS			
4	6EE4-04	Electrical Energy Conversion and Auditing (ECA)	Ms. Sonali Chadha	SC			
5	6EE4-05	Electric Drives (ED)	Dr. Prerak Bhardwaj	PB			
6	6EE5-13	Electrical and Hybrid Vehicles. (EHV)	Mr. Ram Singh	RS			
		Lab Name					
1	6EE4-21	Power System - II Lab (PS-II LAB)	Mr. Ram Singh	RS			
2	6EE4-22	Electric Drives Lab (ED LAB)	Mr. Vishal Sharma	VS			
3	6EE4-23	Power System Protection Lab (PSP LAB)	Mr. Shailendra Srivastav	SS			
4	6EE4-24	Modelling and simulation lab (M & S LAB)	Mr. Ashok S. Chundawat	ASC			
I/C Time Table			HOD EE				

# PRE REQUISITE TIME TABLE 2021-2022

JECRC						
ELECTRICAL ENGINEERING DEPARTMENT						
IVSEM SECTION - B						
(Session 2020-21) W.e.f - 01-09-2021						
Class CO ORDINATOR - Mr. Vishal Sharma						
	9:00-10:00	10:00-11:00	11:00-12:00	12:00-1:00	1:00-2:00	2:00-3:00
	1	2	3	4	5	6
Mon	Electrical Machine - II Lab(B1)	PE LAB(B2)	DE LAB(B3)	B R E A K	EM LAB(B1)	SS
	VS	JV	GT		NA	ASC
Tues	Electrical Machine - II Lab(B2)	PE LAB(B3)	DE LAB(B1)		EM LAB(B2)	EM/C
	VS	JV	GT		NA	VS
Wed	Electrical Machine - II Lab(B3)	PE LAB(B1)	DE LAB(B2)		EM LAB(B3)	MEFA(SS)
	VS	JV	GT		NA	SS
Thurs	Electrical Machine - II Lab(B1)	PE LAB(B2)	DE LAB(B3)		EM LAB(B1)	SS
	VS	JV	GT		NA	ASC
Fri	Electrical Machine - II Lab(B2)	PE LAB(B3)	DE LAB(B1)		EM LAB(B2)	EM/C
	VS	JV	GT		NA	VS
Sat	Electrical Machine - II Lab(B3)	PE LAB(B1)	DE LAB(B2)		EM LAB(B3)	MEFA(SS)
	VS	JV	GT		NA	SS

SR.NO	SUB CODE	SUBJECT NAME	FACULTY	Abbreviation
<b>LAB</b>				
1	4EE4-23	Electrical Machine - II Lab	Mr. Vishal Sharma	VS
2	4EE4-22	Power Electronics Lab (PE Lab)	Ms Jisha Varghese	JV
3	4EE3-24	Measurement Lab	Ms Neha Agarwal	NA
4	4EE4-21	Digital Electronics Lab	Mr. Gopal Tiwari	GT
5	4EE3-04	MEFA	Mr.Shailendra Srivastava	SS
6	4EE4-05	Electrical Machine - II	Mr.Vishal Sharma	VS
7	4EE4-07	Signal Systems	Mr.Ashok Singh Chundawat	ASC

I/C Time Table

HOD EE

## EXPERIENTIAL LEARNING

EXPERIENTIAL LEARNING THROUGH	SESSION	Experiential Learning (in %)	Link
SUBJECT AND LAB	2021-2022	83.01%	<a href="https://drive.google.com/file/d/1Y25di1R_9hC6X2GmKfaMe_oZVjH7QHig/view?usp=sharing">https://drive.google.com/file/d/1Y25di1R_9hC6X2GmKfaMe_oZVjH7QHig/view?usp=sharing</a>
	2020-2021	83.01%	<a href="https://drive.google.com/file/d/1HDNyyOXHr6LkU06KZASCgI7a9IIUntVN/view?usp=sharing">https://drive.google.com/file/d/1HDNyyOXHr6LkU06KZASCgI7a9IIUntVN/view?usp=sharing</a>
	2019-2020	85.71%	
	2018-2019	85.93%	
	2017-2018	90.47%	
	2016-2017	90.47%	
PROJECTS	2021-2022	100%	<a href="https://drive.google.com/file/d/1_tGKi6UF3pEmvd-JptX3aQHvP6bv2D59/view?usp=sharing">https://drive.google.com/file/d/1_tGKi6UF3pEmvd-JptX3aQHvP6bv2D59/view?usp=sharing</a>
	2020-2021	100 %	<a href="https://drive.google.com/file/d/1KZf7n3eOksGXhwFgUSpfWEn3-E4qLTdo/view?usp=sharing">https://drive.google.com/file/d/1KZf7n3eOksGXhwFgUSpfWEn3-E4qLTdo/view?usp=sharing</a>
	2019-2020	100 %	<a href="https://drive.google.com/file/d/1KP0kTZcjM2xq7YDaD8XGXzdmu4wZBjYI/view?usp=sharing">https://drive.google.com/file/d/1KP0kTZcjM2xq7YDaD8XGXzdmu4wZBjYI/view?usp=sharing</a>

## EXPERIENTIAL LEARNING

EXPERIENTIAL LEARNING THROUGH	Program code	No of students undertaking field projects / internships in year 2020-2021	Link the relevant document
Industrial Training	7EE7-30	128	<a href="https://drive.google.com/file/d/1BXaTbUPpOpJGgv_TjEOB8uMCGV7XTYu-/view?usp=sharing">https://drive.google.com/file/d/1BXaTbUPpOpJGgv_TjEOB8uMCGV7XTYu-/view?usp=sharing</a> <a href="https://drive.google.com/file/d/10aOgMuJQm3mAugFql_f5_x9PDysX85cT/view?usp=sharing">https://drive.google.com/file/d/10aOgMuJQm3mAugFql_f5_x9PDysX85cT/view?usp=sharing</a>

<b>Industrial Training</b>	<b>5EE7-30</b>	<b>104</b>	<a href="https://drive.google.com/file/d/16slQWyHyhZsMQnTvcMmo6whBwTvHrHj5/view?usp=sharing">https://drive.google.com/file/d/16slQWyHyhZsMQnTvcMmo6whBwTvHrHj5/view?usp=sharing</a>
<b>Industrial Training</b>	<b>3EE7-30</b>	<b>93</b>	<a href="https://drive.google.com/file/d/1qQ5FfGwC8gv3RqQI41SHMXwq9Scu5Mf8/view?usp=sharing">https://drive.google.com/file/d/1qQ5FfGwC8gv3RqQI41SHMXwq9Scu5Mf8/view?usp=sharing</a>

### GUEST LECTURE RECORDS (2021-2022)

YEAR	GUEST LECTURES	DATE OF CONDUCTION	NUMBER OF PARTICIPANTS	DEPARTMENT FACULTY CO-ORDINATOR
2022	Career Opportunities for Engineer	30.03.2022	45	Mr Vishal Sharma & Ms Nupur Yadav
2022	Career Seminar on How to crack Gate PSU exams	29.04.2022	59	Mr Vishal Sharma, Ms Neha Agrawal & Ms Jisha Varghese
2021	One Day Seminar on Engineer's Day Celebration	15.09.2021	36	Ms Nupur Yadav & Mr Ashok Singh Chundawat
2021	One Day Seminar on Teacher's Day Celebration	06.09.2021	38	Ms Nupur Yadav & Ms Ritu Soni
2021	One Day Seminar on World Heart Day	23.09.2021	55	Ms Neha Agrawal & Ms Jisha Varghese
2022	Seminar on National Science Day	28.02.2022	38	Ms Neha Agrawal & Ms Jisha Varghese





**Fig: Glimpse of Guest Lectures**



**Fig: Pic during Engineers Day**

### Seminar/Workshops organised ( 2021-2022)

YEAR	NAME OF QUALITY INITIATIVE	DATE OF CONDUCTING ACTIVITY	NUMBER OF PARTICIPANTS	DEPARTMENT FACULTY CO-ORDINATOR
2022	Career Opportunities for Engineer	30.03.2022	45	Mr Vishal Sharma & Ms Nupur Yadav
2022	Career Seminar on How to crack Gate PSU exams	29.04.2022	59	Mr Vishal Sharma, Ms Neha Agrawal & Ms Jisha Varghese
2021	One Day Seminar on Engineer's Day Celebration	15.09.2021	36	Ms Nupur Yadav & Mr Ashok Singh Chundawat
2021	One Day Seminar on Teacher's Day Celebration	06.09.2021	38	Ms Nupur Yadav & Ms Ritu Soni
2021	One Day Seminar on World Heart Day	23.09.2021	55	Ms Neha Agrawal & Ms Jisha Varghese
2022	Seminar on National Science Day	28.02.2022	38	Ms Neha Agrawal & Ms Jisha Varghese
2022	Workshop on IOT	(1-2)-10-2021	29	Mr Ram Singh & Mr Gopal Tiwari
2021	Workshop on Solar PV System	(27-28)-09-2021	26	Mr Ram Singh & Mr Gopal Tiwari
2021	Workshop on Embedded System	(25-26)-02-2022	33	Mr L. Senthil & Ms Sonali Chadha
2021	Workshop on C Programming Language	(28-29)-01-2022	30	Mr L. Senthil & Ms Sonali Chadha
2022	4 <sup>th</sup> National Conference on 'Recent Trends and Smart Technologies in Electrical Engineering-2022'	20.05.2022-21.05.2022	95	Dr Prerak Bhardwaj & EE Faculty Members

### Details of Industrial Visit (in Session 2021-2022)

1	Industrial visit for IV-year students at BSDU	20-04-2022	22	Mr L. Senthil
2	Industrial visit for III-year students (section A) at BSDU	21-04-2022	34	Ms Ritu Soni & Mr Shailendra Srivastava
3	Industrial visit for III-year students (section B) at BSDU	22-04-2022	40	Mr Vishal Sharma & Ms Nupur Yadav

### Conference Details (2021-2022)

Year	Date	Activity name	No. of students
2021-2022	20-21 May 2022	4 <sup>th</sup> National Conference-RTSTEE-2022	95

**2.1.2 State the delivery details of the content beyond the syllabus for the 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)

### List of Curricular Gaps CAY - 2021-22

#### Gap Identified and action taken

Subject	Gap	Topics	Plan	Action
Microprocessor (MP)	Advance Microcontroller (ARM & PIC)	Overview of Arduino as a design platform	Small Projects	Conducted small projects
		Introduction to Advanced micro controller. ARM microcontrollers and its interface designs	Guest Lecture	Add on Course conducted
			Assignment	
Electric Drives	Integration of Drives	Grid connectivity with renewable sources	Industrial Visit	Conducted the industrial visit to BSDU Jaipur

Electrical Machines-I	Permanent Magnet Brushless DC motor	Construction and Working of Permanent Magnet Brushless DC Motors.	Extra Class	Conducted the extra lecture and industrial visit to BSDU & Baba Automobile Jaipur
			Industrial Visit	
Electrical Machines-II	Synchronous Reluctance Motors, Switched Reluctance Motors	Synchronous Reluctance-Constructional features: axial and radial air gap Motors. Operating principle, reluctance torque - Phasor diagram, Speed torque characteristics, Applications. Switched Reluctance Motors - Principle of Operation, Constructional features, Torque equation, Power Semi-Conductor Switching Circuits, frequency of variation of inductance of each phase winding - Control circuits of SRM-Torque - Speed Characteristics,	Extra Lecture	Extra Lecture conducted and industrial visit to BSDU
Electrical Energy Conservation and Auditing	Demand Response	Load management strategy	Topic based Quiz Competition	In-house Expert Lecture Arranged
Power Electronics	Multilevel Inverter	Cascade H- Bridge Multilevel Inverter	Modelling of Multilevel inverter using MATLAB Simulink.	Practical Session Arranged
Wind and Solar Energy System	Design of Wind energy system	Wind regime modelling	MATLAB Simulink Used to Model Wind Energy System.	Practical Session Arranged
HVDC Transmission System	Solution techniques of AC-DC power flow	DC Load Flow and Per Unit System for DC quantities	Topic based Quiz Competition	In-house Expert Lecture Arranged

## 2.2. Teaching - Learning Processes (100)

### 2.2.1. Describe Processes followed to improve quality 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)

- Faculty members are oriented towards Outcome Based Education (OBE) and are actively utilizing the OBE to cater the learning needs of students by innovative ways.
- As per RTU norms, rather than referring Academic Calendar published on the university's website, the department publishes its own Academic Calendar involving the regular teaching plan as well as other extra student centric activities. It also includes the intimation of regular Midterm examinations and class tests.

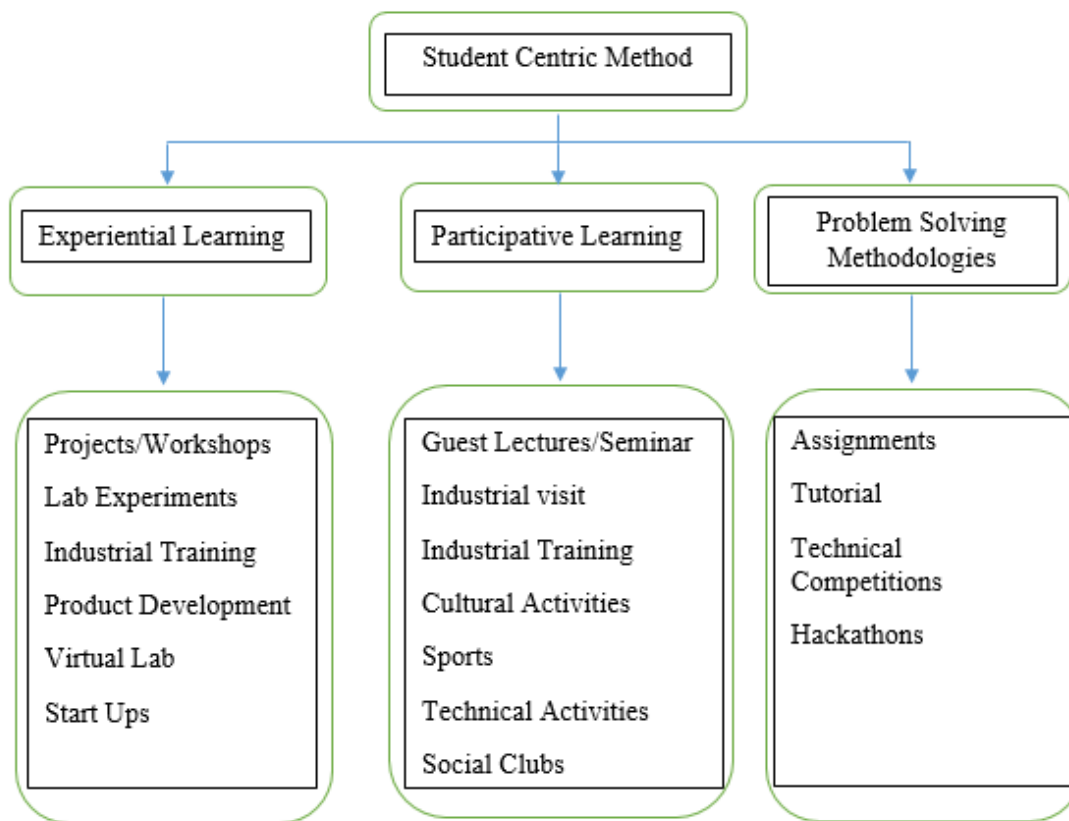


Figure 2.2.1.a Teaching-Learning Processes

- Lecture Delivery is made innovative in the department by inculcating various methods in the teaching learning process like recalling prior related topics, generating questions, responding to generated queries, etc. All these methods are generally performed in cooperative approach like Group Discussions and Seminars.

- In labs, the delivery to the students is performed with the help of latest software and performance of each student is evaluated in the Lab Performance Report. Viva voce and seminars are taken in the respective labs.
- Experiments in the laboratories are conducted as per the university guidelines. Some discussions are made beyond syllabus relevant to the course. Laboratory manuals explaining the details of the experiment are available with the course teacher and are given to students during the semester.
- Faculty members not only provide well written unit wise notes but also focuses on the materials provided online by the well renowned universities. They focus on the video lecture material provided to the students online e.g. NPTEL, SWAYAM. It enhances the capability of students to not only understand the context but also its practical approaches.
- Oral Questionnaire and Query Session in each lecture delivery of respective subjects.
- Class Tests and Assignments are being taken by faculty members for each respective subject.
- Performance Report is discusses to the students on regular basis.
- Mentoring sessions are conducted to provide guidance to students towards achieving professional requirements and assessment of his/her academic progress as well as personal growth. One-one discussion, interaction between faculty member and students has increased confidence levels of the students.
- Projects are mandatory for VII Semester and VIII Semester students. Students make their minor and major projects under the supervision of their respective Guide Faculty members.
- Faculty Development Programs are organized in the department to ensure that the faculty members have the knowledge of latest technologies.
- The department has provision of showing answer sheets of internal examination to the students. They can compare their answer with other students and also with text books. They can discuss with respective subject teacher. Faculty members are use assignments, tutorials, quiz etc. This has added value to the system.
- 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 and social responsibilities.
- For developing communication skills, group discussions, presentation on theory based and general topics are regularly carried out in the class.
- 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%.

- The midterm exams are evaluated on the basis of course outcomes. 60% achievement of each student in the respective subject ensures the achievement of the course outcome. If any student doesn't achieve the required criteria, he/she is given the assignments related to those course outcomes in which the student did not secure 60% marks.
- The bright students having high academic track records are encouraged by faculty members to achieve university ranks, also encouraged to take up competitive examinations like GATE, GRE etc. The faculty members encourage the students, those having orientation towards research to do research work and publish their research work in National & International Conferences and Journals.

## **1. ACADEMIC CALENDAR**

Institutional calendar is prepared and aligned with academic calendar of RTU. In addition to events proposed by the college in academic calendar, our department introduces many other events and activities that are beneficial in overall development of the students. Also, training and placement skill development program is also a part of our academic calendar so that the students can gain on technical as well as personality development that consequently make them employable.

**Jaipur Engineering College and Research Center, Jaipur**  
**Department of Electrical Engineering**  
**Academic calendar Jan'-July' 2021-2022**

<b>Month &amp; Year</b>	<b>Date</b>	<b>Event</b>
<b>Jan 2022</b>	03-01-2022	New year Celebration
	(04-14)-01-2022	Special RTU Exam
	04-01-2022	Departmental meeting regarding Research Articles & NBA Criteria's & Responsibility Sheet
	(10-21)-01-2022	External Practical Exam III semester
	14-01-2022	Makar Sakranti Holiday
	18-01-2022	Leaders Talk   4th Episode
	26-01-2022	Republic Day Celebration
	28-01-2022	Departmental meeting for upcoming Semester (Planning)
<b>Feb 2022</b>	01-02-2022	Subject choice submission by faculty for even Semester
	02-02-2022	Allotment of subjects of even Semester
	03-02-2022	Conduction of classes of IV, VI & VIII semester (with 50% capacity)
	05-04-2022	Vasant Panchami Celebration
	05-02-2022	Submission of Course Plan for even semester
	14-02-2022	Department meeting regarding new guidelines, from 16th February, 2022 onwards the institute will be operational with full capacity.
	18-02-2022	Attendance Compilation
	19-02-2022	Technical Event - Appie
	(21-25)-02-2022	FDP on "NBA Accreditation through Outcome based Education" in association with NITTTR, Chandigarh
	23-02-2022	11 <sup>th</sup> Convocation ceremony RTU Kota (2016-2020 Batch)
	26-02-2022	Technical Event - Tech Hunt
	26-02-2022	Department meeting regarding project.
<b>Mar 2022</b>	01-03-2022	Mahashivratri Holiday
	02-03-2022	Attendance Compilation
	04-03-2022	Department meeting regarding mentor mentee
	04-03-2022	Notice by examination cell regarding MTT 1 of IV
	08-03-2022	Moderation committee report for IV semester
	08-03-2022	International Women's Day
	12-03-2022	Notice by examination cell regarding MTT 1 of VIII
	(14-22)-03-2022	IV Sem MTT-1 exam
	16-03-2022	Moderation committee report for VIII semester



	18-03-2022	Holi Festival
	(21-26)-03-2022	External Practical Exam V semester
	(22-23)-03-2022	VIII Sem MTT-1 exam
	23-03-2022	Display of step wise solutions of MTT-1 Question Papers (IV & VIII Semester)
	25-03-2022	Attendance Compilation
	25-03-2022	Department meeting regarding renaissance activities
	28-03-2022	Technical Event - Techno_Rock
	30-03-2022	Copies and marks of MTT-1 shown to students and Grievance's redressal, if any (IV & VIII Semester)
April 2022	02-04-2022	Mentor mentee meeting
	06-04-2022	Letter dispatched of short attendances to IV and VI semester
	07-04-2022	Notice by examination cell regarding MTT 1 of VI & MTT 2 of VIII semester
	07-04-2022	Attendance Compilation
	09-04-2022	Technical Event - Techno Crazy
	14-04-2022	Mahaveer Jayanti and Dr Ambedkar Jayanti
	15-04-2022	Moderation committee report for VI & VIII semester
	(18-19)-04-2022	VIII semester MTT-2 exam
	(18-20)-04-2022	VI semester MTT-1 exam
	20-04-2022	Display of step wise solutions of MTT-1 Question Papers of VI & MTT 2 Question Papers of VIII Semester
	20-04-2022	Visit at BSDU Jaipur for VIII semester
	(21-22)-04-2022	Visit at BSDU Jaipur for VI semester
	29-04-2022	Seminar by PrepLadder on Competitive Exams
	30-04-2022	Copies and marks of MTT shown to students and Grievance's redressal, if any (VI & VIII Semester)
30-04-2022	Attendance Compilation	
May 2022	02-5-2022	Parsuram Jayanti and Id-Ul fitr festival
	04-05-2022	Department meeting regarding conference and renaissance activities
	06-05-2022	Notice by examination cell regarding MTT 3 of VIII semester
	07-05-2022	Technical Event - Tambola
	11-05-2022	Moderation committee report for VIII semester
	14-05-2022	MTT 3 - VIII Semester
	16-05-2022	Last Working Day of VIII semester
	16-05-2022	Course Exit Feedback & Program Exit Feedback
	(16-19)-05-2022	Renaissance 2022

	(20-21)-05-2022	4th National Conference on RTSTEE-2022
	21-05-2022	Notice by examination cell regarding MTT 2 of VI semester
	(23-31)-05-2022	Commencement of External Practical Exam of VIII semester
	(23-26)-05-2022	Commencement of External Practical Exam of VI semester
	25-05-2022	Moderation committee report for VI semester
	(27-30)-05-2022	MTT-2 of VI semester
	30-05-2022	Display of step wise solutions of MTT-2 Question Papers (VI Semester)
	30-05-2022	Last working Day of VI semester & Course Exit Feedback from VI semester
<b>JUNE 2022</b>	01-06-2022	Copies and marks of MTT-2 shown to students and Grievance's redressal, if any (VI semester)
	01-06-2022	Notice by examination cell regarding MTT 2 of IV semester
	02-06-2022	Maharana Pratap Jayanti
	03-06-2022	Industrial Visit on Baba Automobiles
	07-06-2022	Moderation committee report for IV semester
	(09-11)-06-2022	MTT – II of IV Semester
	11-06-2022	Display of step wise solutions of MTT-2 Question Papers (IV Semester)
	13-06-2022	Copies and marks of MTT-2 shown to students and Grievance's redressal, if any (IV semester)
	17-06-2022	Last working Day of IV semester & Course Exit Feedback from IV semester
	18-06-2022	Departmental meeting for upcoming Semester (Planning)
	18-06-2022	Subject choice submission by faculty for odd Semester

Sample Academic Calander for Even Semester CAY 2021-22) is shown below

## Course Plan (Sample)

Course Plan							
<b>Subject name:</b> <b>Electromagnetic Fields (EMF)</b> <b>Subject Code: 3EE4-08</b> <b>Year: 2<sup>nd</sup></b> <b>Semester: 3<sup>rd</sup></b>		<b>POs</b> <b>PO1; PO2;</b> <b>PO3;PO4;PO7;</b> <b>PO10;PO12</b>		<b>COs</b> 1. Acquire basic understanding of vectors and their representation in different coordinate system. 2. Able to compute the force, fields & energy of the electrostatic & magnetostatic fields. Able to analyze the materials, conductors, dielectrics, inductances and capacitances. 3. Understand the concept of time varying field and able to solve electromagnetic relation using Maxwell equations. Also able to analyze the electromagnetic waves.			
S. No.	Lecture No.	Topic to be discussed	COs	Objective of Unit	Outcome of Lecture and CO	Methods	From page to
					Students are able to:-		
UNIT -1	1	<b>Unit 1: Vector Algebra</b>  Introduction about addition, subtraction, components of vectors, scalar and vector multiplications, and triple products	CO1	Understand about the representation of scalar and vector fields in different coordinate systems.	Understand about basics of scalars and vectors.	Chalk and Talk	T1(1-15); T2(3-22)
	2	Rectangular and cylindrical coordinate system	CO1		Understand about different coordinate system	Chalk and Talk	T1(15-19); T2(28-32)
	3	Spherical coordinate system, General curvilinear coordinates, Del operator, Gradient	CO1		Learn about the conversion of different coordinates systems	Chalk and Talk	T1(20-23); T2(33-36, 53-58)
	4	Divergence, Curl and its physical Interpretation, Stokes theorem, Scalar and vector fields	CO1		Understand the curl, divergence and familiarize with the field representation.	Chalk and Talk	T2(60-88); T3(38-66)
UNIT -2	5	<b>Unit 2: Electrostatics</b> Introduction about Electrostatic Force and Principle of superposition,	CO2		Calculate the field, force and Electric field intensity.	Chalk and Talk	T1(27-35); T2(103-107)

		Electric Field intensity.					
	6	Field of a line charge, Field of a sheet of charge, Field of volume charge	CO2	Understand the concepts of the static charges and able to compute the force field and energy of electric fields	Calculate the effect of line sheet and volume charge densities on field	Chalk and Talk	T1(36-46); T3(111-117)
	7	Electric Flux density and Gauss law	CO2		The effect of Electric flux density.	Chalk and Talk	T1(53-61); T2 (122-126)
	8	Application of Gauss law: To determine Electric flux density for point charge and infinite line charge, Electric flux density for infinite sheet of charge.	CO1 CO2		Calculate the Electric flux density for line sheet and volume charge.	Chalk and Talk	T1(62-72); T2(126-130)
	9	Electric Potential and potential difference, potential field of a point charge, Relation between E and V- Maxwell's Equation	CO1 CO2		Understand about electric potential and potential difference.	Chalk and Talk	T1(83-104); T2(133-140)
	10	Electric dipole, Electrostatic Energy and Energy density	CO1 CO2		Calculate the electrostatic energy and energy density	Chalk and Talk	T1(106-114); T2(142-148)
		Electric Field intensity.					
UNIT -3	11	Unit 3: <u>Conductors, Dielectrics and Capacitance</u>  Current and Current Density, Ohms Law in Point form, Continuity of Current	CO1 CO2		understand the ways of representing the resistance and currents in different forms	Chalk and Talk	T1(120-128); T2(162-167)
	12	Boundary conditions of perfect dielectric materials. Permittivity of dielectric materials	CO1 CO2		Understand about the boundary conditions for two separating media.	Chalk and Talk	T1(129-132, 144-147); T2(171-187)

	13	Capacitance, Capacitance of a two wire line, Poisson's equation, Laplace's equation	CO1 CO2		Understand the ways of representing the capacitance for different capacitors.	Chalk and Talk	T1(150-162, 195-198); T2(199-202, 223-230)
	14	Solution of Laplace and Poisson's equation, Application of Laplace's and Poisson's equations	CO1 CO2		Understand about the poissions and laplace equation.	Chalk and Talk	T1(200-211); T2(202-203);
UNIT -4	15	<u>Unit 4: Static Magnetic Fields</u>  Biot-Savart Law, Ampere Law, Magnetic flux and magnetic flux density	CO1 CO2	Understand the concepts of the magnetic fields and able to analyze the magnetic fields due to current carrying conductors	Understand about magnetic fields and able to calculate the electric flux density	Chalk and Talk	T1(224-239, 251-254); T2( 261-266, 273-279, 281-284)
	16	Scalar and Vector Magnetic potentials	CO 1, CO 2		Understand about the concept of scalar and vector magnetic potential.	Chalk and Talk Projector	T1(254-261); T2( 284-287)
	17	Steady magnetic fields produced by current carrying conductors	CO 1, CO 2		Calculate the effect of magnetic field due to current carrying fields.	Chalk and Talk Projector	T1(261-268); T2(290-293)
UNIT -5	18	<u>Unit 5: Magnetic Forces, Materials and Inductance</u> Introduction, Force on a moving charge, Force on a differential current element, Force between differential current elements	CO1, CO2,		Calculate the magnetic forces due to current elements	Chalk and Talk	T1(274-282); T2(304-308)

	19	Nature of magnetic materials, Magnetization and permeability	CO2		Understand about magnetic materials, magnetization and permeability	Chalk and Talk	T1(288-295); T2(318-329)
	20	Magnetic boundary conditions, Magnetic circuits, inductances and mutual inductances.	CO2		Understand about magnetic boundary conditions and magnetic circuits.	Projector	T1(297-304,308-314); T2(330-339)
	21	<b><u>Unit 6: Time Varying Fields and Maxwell's Equations</u></b> Introduction, Faraday's law for Electromagnetic induction, Displacement current	CO2, CO3		Understand about electro-magnetic induction and Displacement current	Projector	T1(322-333); T2(369-383)
	22	Point form of Maxwell's equation, Integral form of Maxwell's equations	CO2, CO3		Understand about point and integral form of Maxwell's equation	Projector	T1(334-337); T2(384-386)
	23	Motional Electromotive forces. Boundary Conditions	CO2, CO3		Understand the concept of moving electromotive forces and boundary condition.	Projector	T2(372-377)
UNIT -7	24	<b>Unit 7: Electromagnetic Waves:</b> Introduction, Derivation of Wave Equation, Uniform Plane Waves	CO2, CO3		Understand about the waves and their representation.	Chalk and Talk	T1(348-355); T2(410-415)
	25	Maxwell's equation in Phasor form, Wave equation in Phasor form	CO2, CO3		Understand about the Phasor representation of wave equations.	Chalk and Talk	T2(411-418)
	26	Plane waves in free space and in a homogenous material, Wave	CO2, CO3		Understand about the wave propagation in homogeneous and conducting	Chalk and Talk Projector	T2(423-425)

		equation for a conducting medium			medium.		
	27	Plane waves in lossy dielectrics, Propagation in good conductors	CO2, CO3		Understand about the wave propagation in dielectrics and conductors	Chalk and Talk	T1(356-360, 369-376); T2(417-428)
	28	Skin effect, Poynting theorem.	CO2, CO3		Understand the concept of skin effect and poynting theorem.	Chalk and Talk	T1(365-369) T2(435-438)
<b>Recommended books:</b>		<b>T1:</b> Engineering Electromagnetics, William H. Hayt, Tata McGraw Hill Publication <b>T2:</b> Elements of Electromagnetics, Mathew N. O. Sadiku, Oxford India Publication <b>T3:</b> Electromagnetic Field Theory, S Salivahanan, Mc Graw Hill Publication					

## MCQ Type CBT Test (Sample –EMFT Subject)

### Jaipur Engineering College and Research Center Department of Electrical Engineering

CBT test-2 for Electromagnetic Fields (2020-21)

Name of student

Short answer text  
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Roll no.

Short answer text  
.....

Class and Section

Short answer text  
.....

Email-id

Short answer text  
.....

Contact Number

Short answer text  
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CO1/ Q.1-The cross product of the vectors  $3i + 4j - 5k$  and  $-i + j - 2k$  is,

- $3i - 11j + 7k$
- $-3i + 11j + 7k$
- $-3i - 11j - 7k$
- $-3i + 11j - 7k$



CO1/ Q.2-Which of the following are not vector functions in Electromagnetics?

- Gradient
- Divergence
- Curl
- There is no non- vector functions in Electromagnetics

CO1/ Q.3- Find whether the vectors are parallel,  $(-2,1,-1)$  and  $(0,3,1)$

- Parallel
- Collinearly parallel
- Not parallel
- Data insufficient

CO1/ Q.4- Electromagnetic forces are defined by

- Fleming's right hand rule
- Fleming's left hand rule
- Faraday's law
- Ampere law

CO1/Q.5-Which of the following statements holds for the divergence of electric and magnetic flux densities?

- Both are zero
- These are zero for static densities but non zero for time varying densities
- It is zero for electric flux density
- It is zero for magnetic flux density

CO1/ Q.6-If  $H=4a_\rho-3a_\theta+5a_z$  at  $(1, \pi/2, 0)$  the component of H parallel to surface  $\rho=1$  is

- $4a_\rho$

**JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE  
DEPARTMENT OF ELECTRICAL ENGINEERING**

**COURSE : B.Tech**

**SEMESTER: VI**

**SUBJECT : Electromagnetic Fields**

**CODE : 3EE4-08**

**TIME:1.00 Hr**

**Unit Test-1]**

**MM: 10**

**Course Outcomes:**

CO1: Acquire basic understanding of vectors and their representation in different coordinate system.

CO2 Able to compute the force, fields & energy of the electrostatic & magnetostatic fields. Able to analyze the materials, conductors, dielectrics, inductances and capacitances.

CO3: Understand the concept of time varying field and able to solve electromagnetic relation using Maxwell equations. Also able to analyze the electromagnetic waves.

**Section A**

(Short answer type questions)

(3\*1=4)

CO1/Q1. Write expression for differential length in cylindrical and spherical coordinates.

CO1/Q2. Express the divergence of a vector in the three system of orthogonal Coordinates.

CO1/Q3. Define scalar and vector fields.

**Section B**

(Analytical/Problem solving questions)

(1\*3=3)

CO2/Q1. Given points A(x=2, y=3, z=-1) and B (r=4,  $\phi=500$ , z=2). Find the distance from A to B

**Or**

CO2/Q1. Transform the vector  $4 \mathbf{a}_x - 2 \mathbf{a}_y - 4 \mathbf{a}_z$  into spherical coordinates at point P (x=-2, y=-3, z=4)

**Section C**

(Descriptive/Analytical/Problem solving questions)

(1\*4=4)

CO3/Q1. Find the line integral of the vector  $\mathbf{A} = (x^2 - y^2) \mathbf{a}_x + 2xy \mathbf{a}_y$  around a square of side 'b' which has a corner at the origin, one side on the x-axis and the other side on the y-axis.

**Or**

CO3/Q1. For a given vector  $\mathbf{A} = xy \mathbf{a}_x - 2x \mathbf{a}_y$ . Verify stoke's theorem over the path shown in figure.

## MTT Paper (Sample)

 JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE	<b>JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE</b> <b>JECRC Campus, Shri Ram Ki Nangal, Via-Vatika, Jaipur</b>
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**MTT-I**

**Set A**

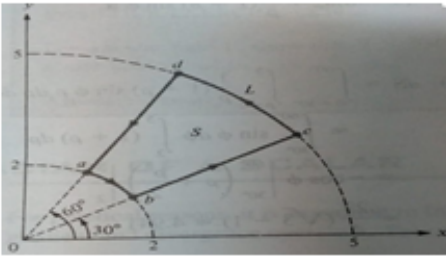
**Academic Year-2021-22 (EVEN Semester)**

<b>Course</b>	:	<b>B.Tech.</b>	<b>Date</b>	:	11/11/2021
<b>Semester/ Section</b>	:	III/ A and B	<b>Time Duration</b>	:	90 Minutes
<b>Subject &amp; Subject Code</b>	:	Electromagnetic Fields & 3EE4-08	<b>Max. Marks</b>	:	40

### Course Outcomes

<b>CO1</b>	Acquire basic understanding of vectors, their representation and conversion in different coordinate systems.
<b>CO2</b>	Able to compute the force, fields & energy of the electrostatic & magnetostatic fields. Able to analyze the materials, conductors, dielectrics, inductances and capacitances.
<b>CO3</b>	Understand the concept of time varying field and able to solve electromagnetic relation using Maxwell equations. Also able to analyze the electromagnetic waves.

Q. No.	CO	Questions	Marks
<b>PART- A: Attempt All Questions (5x2 = 10Marks)</b>			
1.	CO1	Given $\vec{A} = 8\vec{a}_x - 10\vec{a}_y + \vec{a}_z$ , Find the expression of a unit vector $\vec{B}$ such that $\vec{B} \perp \vec{A}$ and $\vec{B}$ lies in xy plane.	2
2.	CO1	Clearly state Stokes's theorem	2
3.	CO2	Point Charge 5 nC and -2 nC are located at (2, 0, 4) and (-3, 0, 5) respectively, Determine the force on a 1 nC point charge located at (1, -3, 7).	2
4.	CO2	Clearly state Coulomb's law.	2
5.	CO3	Quote Maxwell's first and second equation in integral form for static electric fields.	2
<b>PART-B: Attempt ANY THREE Questions (3x5 = 15Marks)</b>			
<b>Student must attend one question from each CO</b>			
1.	CO1	Determine the Divergence of the following vector fields and evaluate them at the specified points. (a) $\vec{A} = yz\vec{a}_x + 4xy\vec{a}_y + y\vec{a}_z$ at (1, -2, 3) (b) $\vec{B} = \rho z \sin \theta \vec{a}_\rho + 3\rho z^2 \cos \theta \vec{a}_\theta$ at $(5, \frac{\pi}{2}, 1)$ (c) $\vec{C} = 2r \cos \theta \cos \phi \vec{a}_r + r^{\frac{1}{2}} \vec{a}_\phi$ at $(1, \frac{\pi}{6}, \frac{\pi}{3})$	5

2.	CO2	Evaluate electric field intensity at point P (3,5,8) m in free space if a point charge of 6 micro coulomb is located at (0, 0, 2), the uniform line charge density $\rho_l = 160 \text{ nC/m}$ along x axis and uniform sheet of charge with $\rho_s = 25 \text{ nC/m}^2$ over the plane $Z = -1$	5
3.	CO2	Two point charges, $Q_1 = 30 \text{ nC}$ at point (5, 6, 8) and $Q_2 = 50 \text{ nC}$ at point (6, 8, 2) in free space. Evaluate the electric field at p (1, 0, 1). Also calculate the electric flux density at P.	5
4.	CO3	Derive the Maxwell second equation for static electric field and prove that $\mathbf{E} = -\nabla V$	5
<b>PART-C: Attempt ANY THREE Question (3x5 = 15Marks)</b>			
<b>Student must attend one question from each CO</b>			
1.	CO1	If a vector $\vec{A} = 6\vec{a}_x + 4\vec{a}_y + 3\vec{a}_z$ , express it in cylindrical co-ordinate system.	5
2.	CO1	If $\vec{A} = \rho \cos \theta \vec{a}_\rho + \sin \theta \vec{a}_\phi$ , Evaluate $\oint \vec{A} \cdot d\vec{l}$ around the path L defined by $2 \leq \rho \leq 5$ , $30^\circ \leq \theta \leq 60^\circ$ and $Z = 0$ , as shown in figure. Conform this by using Stokes's theorem. 	5
3.	CO2	Derive the formula for electric field intensity due to infinite line charge.	5
4.	CO3	Derive the Point form of Maxwell's first equation using Gauss's law.	5

### Virtual Lab Details

S.No	Name of Lab	Name of Experiment	Virtual lab Link
1.	Analog Electronics Lab  3EE4-21	Plot gain-frequency characteristics of BJT amplifier with and without negative feedback in the emitter circuit and determine bandwidths, gain bandwidth products and gains at 1 kHz with and without negative feedback	<a href="http://vlabs.iitkgp.ernet.in/be/exp13/index.html#">http://vlabs.iitkgp.ernet.in/be/exp13/index.html#</a>
2.		To analyze the variations of pulsating dc output voltage waveform of R & L load for half wave uncontrolled rectifier.	<a href="http://vlabs.iitb.ac.in/vlabs-dev/labs/mit_bootcamp/power_electronics/labs/exp1/index.php">http://vlabs.iitb.ac.in/vlabs-dev/labs/mit_bootcamp/power_electronics/labs/exp1/index.php</a>
3.	Electrical Circuit Design Lab  (3EE4-23)	To Simulate Half Bridge Rectifier Circuit and validate on Bread Board or PCB.	<a href="http://vlabs.iitkgp.ac.in/be/exp6/index.html">http://vlabs.iitkgp.ac.in/be/exp6/index.html</a>  <a href="https://ee-iitb.vlabs.ac.in/exp2/index.html">https://ee-iitb.vlabs.ac.in/exp2/index.html</a>
4.		To Simulate Full Bridge Rectifier Circuit and validate on Bread Board or PCB.	<a href="http://vlabs.iitkgp.ac.in/be/exp7/index.html">http://vlabs.iitkgp.ac.in/be/exp7/index.html</a>  <a href="https://ee-iitb.vlabs.ac.in/exp2/index.html">https://ee-iitb.vlabs.ac.in/exp2/index.html</a>  <a href="http://vlabs.iitkgp.ac.in/be/exp8/index.html#">http://vlabs.iitkgp.ac.in/be/exp8/index.html#</a>
5.		To Simulate characteristic of BJT . Validate on Bread Board or PCB	<a href="http://vlabs.iitkgp.ac.in/be/exp11/index.html">http://vlabs.iitkgp.ac.in/be/exp11/index.html</a>  <a href="http://vlabs.iitkgp.ac.in/be/exp12/index.html">http://vlabs.iitkgp.ac.in/be/exp12/index.html</a>
6.		To Simulate Multivibrator circuit using IC 555 and BJT	<a href="http://hecoep.vlabs.ac.in/Experiment8/Theory.html?domain=El">http://hecoep.vlabs.ac.in/Experiment8/Theory.html?domain=El</a>

		separately. Validate on Bread Board or PCB (a) Astable Mode (b) Bistable Mode (c) Monostable Mode	<a href="#">electronicsandCommunications&amp;lab=Hybrid%20Electronics%20Lab</a>
7.	Electrical Machine-I Lab (3EE4-22)	To Study Load Test on Separately Excited DC Motor	<a href="https://em-coep.vlabs.ac.in/exp/load-test-dc-motor/simulation.html">https://em-coep.vlabs.ac.in/exp/load-test-dc-motor/simulation.html</a>
8.	Electrical Machine - II Lab (4EE4-21)	Study blocked rotor test on induction motor	<a href="https://em-coep.vlabs.ac.in/exp/no-load-test-induction-motor/">https://em-coep.vlabs.ac.in/exp/no-load-test-induction-motor/</a>
9.		V Curves and Inverted V curves of Three Phase Synchronous Motor	<a href="https://em-coep.vlabs.ac.in/exp/synchronous-motor/">https://em-coep.vlabs.ac.in/exp/synchronous-motor/</a>
10.	Digital Electronics Lab (4EE4-23)	To verify the truth tables of basic logic gates: AND, OR, NOR, NAND, NOR. Also to verify the truth table of Ex-OR, Ex-NOR (For 2, 3, & 4 inputs using gates with 2, 3, & 4 inputs).	<a href="http://vlabs.iitkgp.ernet.in/dec/">http://vlabs.iitkgp.ernet.in/dec/</a>
11.		To verify the truth table of OR, AND, NOR, Ex-OR, Ex-NOR realized using NAND & NOR gates	<a href="http://vlabs.iitkgp.ernet.in/dec/">http://vlabs.iitkgp.ernet.in/dec/</a>
12.		To realize an SOP and POS expression.	<a href="http://vlabs.iitkgp.ernet.in/dec/">http://vlabs.iitkgp.ernet.in/dec/</a>
13.		To realize Half adder/ Subtractor & Full Adder/ Subtractor using NAND &	<a href="http://vlabs.iitkgp.ernet.in/dec/">http://vlabs.iitkgp.ernet.in/dec/</a>

		NOR gates and to verify their truth tables.	
14.		To realize a 4-bit ripple adder/ Subtractor using basic half adder/Subtractor& basic Full Adder/ Subtractor.	<a href="http://vlabs.iitkgp.ernet.in/dec/">http://vlabs.iitkgp.ernet.in/dec/</a>
15.		To verify the truth table of 4-to-1 multiplexer and 1-to-4 demultiplexer. Realize the multiplexer using basic gates only. Also to construct and 8-to-1 multiplexer and 1-to-8 demultiplexer using blocks of 4-to-1 multiplexer and 1-to-4 demultiplexer.	<a href="http://vlabs.iitkgp.ernet.in/dec/">http://vlabs.iitkgp.ernet.in/dec/</a>
16.		Design & Realize a combinational circuit that will accept a 2421 BCD code and drive a TIL -312 seven segment display.	<a href="http://vlabs.iitkgp.ernet.in/dec/">http://vlabs.iitkgp.ernet.in/dec/</a>
17.		Using basic logic gates, realize the R-S, J-K and D-flip flops with and without clock signal and verify their truth table.	<a href="http://vlabs.iitkgp.ernet.in/dec/">http://vlabs.iitkgp.ernet.in/dec/</a>
18.		Construct a divide by 2,4& 8 asynchronous counter. Construct a 4-bit binary counter and ring counter for a particular output pattern using D flip flop.	<a href="http://vlabs.iitkgp.ernet.in/dec/">http://vlabs.iitkgp.ernet.in/dec/</a>
19.		Perform input/output operations on parallel in/Parallel out and Serial in/Serial out registers using clock. Also exercise loading only one of multiple values	<a href="http://vlabs.iitkgp.ernet.in/dec/">http://vlabs.iitkgp.ernet.in/dec/</a>

		into the register using multiplexer.	
20.	Measurement Lab (4EE4-24)	Measure Low resistance by Kelvin's double bridge	<a href="http://vlabs.iitkgp.ac.in/asnm/exp10/index.html">http://vlabs.iitkgp.ac.in/asnm/exp10/index.html</a>
21.		Measure self-inductance using Anderson's bridge.	<a href="http://vlabs.iitkgp.ac.in/asnm/exp23/index.html">http://vlabs.iitkgp.ac.in/asnm/exp23/index.html</a>
22.		Measure power and power factor in 3-phase load by (i) Two-wattmeter method and (ii) One-wattmeter method	<a href="http://vlabs.iitkgp.ac.in/asnm/exp7/index.html">http://vlabs.iitkgp.ac.in/asnm/exp7/index.html</a>
23.	Power System – I (5EE4-21)	Determine capacitance and dielectric loss of an insulating material using Schering bridge.	<a href="http://vlabs.iitkgp.ac.in/asnm/exp21/index.html">http://vlabs.iitkgp.ac.in/asnm/exp21/index.html</a>
24.		Determine dielectric strength of transformer oil.	<a href="https://vp-dei.vlabs.ac.in/Dreamweaver/exp4.html">https://vp-dei.vlabs.ac.in/Dreamweaver/exp4.html</a>
25.	Microprocessor Lab 5EE4-23	Program to perform integer division: (1) 8-bit by 8-bit (2) 16-bit by 8-bit.	<a href="http://vlabs.iitb.ac.in/vlabs-dev/labs_local/microprocessor/labs/exp3/index.php">http://vlabs.iitb.ac.in/vlabs-dev/labs_local/microprocessor/labs/exp3/index.php</a>
26.		Transfer of a block of data in memory to another place in memory	<a href="http://vlabs.iitb.ac.in/vlabs-dev/labs_local/microprocessor/labs/exp5/index.php">http://vlabs.iitb.ac.in/vlabs-dev/labs_local/microprocessor/labs/exp5/index.php</a>
27.		Sorting of array in: (1) Ascending order (2) Descending order.	<a href="http://vlabs.iitb.ac.in/vlabs-dev/labs_local/microprocessor/labs/exp6/index.php">http://vlabs.iitb.ac.in/vlabs-dev/labs_local/microprocessor/labs/exp6/index.php</a>
28.	Control System Lab(5EE4-22)	To study the open loop characteristics of DC motor and experiment it with MATLAB simulation file.	<a href="http://vlabs.iitkgp.ernet.in/rcs/exp8/index.html#">http://vlabs.iitkgp.ernet.in/rcs/exp8/index.html#</a>
29.		Closed loop Characteristics of DC Motor with Proportional Control	<a href="http://vlabs.iitkgp.ernet.in/rcs/exp9/index.html#">http://vlabs.iitkgp.ernet.in/rcs/exp9/index.html#</a>



30.		Closed Loop Characteristics of DC motor with Propotional and Derivative Control	<a href="http://vlabs.iitkgp.ernet.in/rcs/exp10/index.html#">http://vlabs.iitkgp.ernet.in/rcs/exp10/index.html#</a>
31.		Closed loop Characteristics of DC Motor with Proportional and Integral Control	<a href="http://vlabs.iitkgp.ernet.in/rcs/exp11/index.html#">http://vlabs.iitkgp.ernet.in/rcs/exp11/index.html#</a>
32.		Closed loop Characteristics of DC Motor with Proportional Integral and Derivative Control(Continuous)	<a href="http://vlabs.iitkgp.ernet.in/rcs/exp12/index.html#">http://vlabs.iitkgp.ernet.in/rcs/exp12/index.html#</a>
33.	Power System Protection Lab (6EE4-23)	To study the operation of micro-controller based over current relay in DMT type and IDMT type.	<a href="http://vp-dei.vlabs.ac.in/Dreamweaver/exp7.html">http://vp-dei.vlabs.ac.in/Dreamweaver/exp7.html</a>
34.		To analyse the operation of micro-controller based directional over current relay in DMT type and IDMT type.	<a href="https://vp-dei.vlabs.ac.in/Dreamweaver/vid7.html">https://vp-dei.vlabs.ac.in/Dreamweaver/vid7.html</a>
35.		To study the micro-controller based under voltage relay.	<a href="http://vp-dei.vlabs.ac.in/Dreamweaver/exp6.html">http://vp-dei.vlabs.ac.in/Dreamweaver/exp6.html</a>
36.		To study the micro-controller based over voltage relay.	<a href="http://vp-dei.vlabs.ac.in/Dreamweaver/exp6.html">http://vp-dei.vlabs.ac.in/Dreamweaver/exp6.html</a>
37.		To study the operation of micro-controller based un-biased single-phase differential relay.	<a href="https://vp-dei.vlabs.ac.in/Dreamweaver/vid7.html">https://vp-dei.vlabs.ac.in/Dreamweaver/vid7.html</a>

38.		To study the operation of micro-controller based biased single-phase differential relay.	<a href="https://vp-dei.vlabs.ac.in/Dreamweaver/video10.html">https://vp-dei.vlabs.ac.in/Dreamweaver/video10.html</a>
39.		To determine fault type, fault impedance and fault location during single line to ground fault.	<a href="https://mg-nitk.vlabs.ac.in/exp/fault-and-fold/procedure.html">https://mg-nitk.vlabs.ac.in/exp/fault-and-fold/procedure.html</a>
40.	Electric Drive lab(6EE4-22)	Functioning of voltage doubler	<a href="http://vlabs.iitkgp.ac.in/vhv/exp9/index.html">http://vlabs.iitkgp.ac.in/vhv/exp9/index.html</a>
41.	Embedded Systems lab	Interfacing D/A converter & Write a program for generation of simple waveforms such as triangular, ramp, Square etc	<a href="http://vlabs.iitb.ac.in/vlabs-dev/labs/8051-Microcontroller-Lab/labs/exp2/theory.php">http://vlabs.iitb.ac.in/vlabs-dev/labs/8051-Microcontroller-Lab/labs/exp2/theory.php</a>
42.	7EE4-21	Interfacing of 8051 Microcontroller with various display devices.	<a href="http://vlabs.iitb.ac.in/vlabs-dev/labs/8051-Microcontroller-Lab/labs/exp1/index.php">http://vlabs.iitb.ac.in/vlabs-dev/labs/8051-Microcontroller-Lab/labs/exp1/index.php</a>
43.		Interfacing of 8051 Microcontroller with DC motor.	<a href="http://vlabs.iitb.ac.in/vlabs-dev/labs/8051-Microcontroller-Lab/labs/exp3/index.php">http://vlabs.iitb.ac.in/vlabs-dev/labs/8051-Microcontroller-Lab/labs/exp3/index.php</a>

### **Sports/Cultural/Social Activities (2021-2022)**

2021	One Day Seminar on Engineer's Day Celebration	15.09.2021	36	Ms Nupur Yadav & Mr Ashok Singh Chundawat
2021	One Day Seminar on Teacher's Day Celebration	06.09.2021	38	Ms Nupur Yadav & Ms Ritu Soni
2021	One Day Seminar on World Heart Day	23.09.2021	55	Ms Neha Agrawal & Ms Jisha Varghese
2022	Seminar on National Science Day	28.02.2022	38	Ms Neha Agrawal & Ms Jisha Varghese
2022	Technical Event – TECH HUNT	26.02.2022	30	Ms Neha Agrawal & Ms Jisha Varghese

2022	Technical Event – TECHNOROCK	28.03.2022	18	Ms Nupur Yadav & Ms Ritu Soni
2021	Technical Event – APPIE	19-02-2022	52	Mr Ram Singh , Mr Gopal Tiwari & Mr Vishal Sharma
2022	Technical Event – TAMBOLA	07-05-2022	165	Mr Ram Singh & Mr Gopal Tiwari Mr Vishal Sharma and Mr Shailendra Srivastava
2022	Technical Event – TECHNOCRAZY	09-04-2022	17	Mr L. Senthil & Ms Sonali Chadha

### **ICT Enabled Tools Used for Students**

LINK: <https://drive.google.com/file/d/1J4DCoF9uUjCkwrBr-UIBjXJLm99qkxV/view?usp=sharing>

S.No.	Details of ICT DATA
1	NPTEL ONLINE VIDEO LINK
2	SWAYAMPRAKHA ONLINE VIDEO LINK
3	NATIONAL DIGITAL LIBRARY WEB COURSE VIDEO LINK
4	VIRTUAL LAB VIDEO LINK
5	DETAIL OF LAB EXPERIMENTAL VIDEO
6	SUBJECT VIDEO UPLOADED ON YOUTUBE OF EE DEPARTMENT
7	DETAILS OF COURSE MATERIAL
8	STUDENTS' RECORD ON ICT BASED LEARNING
9	STUDENTS' CERTIFICATE

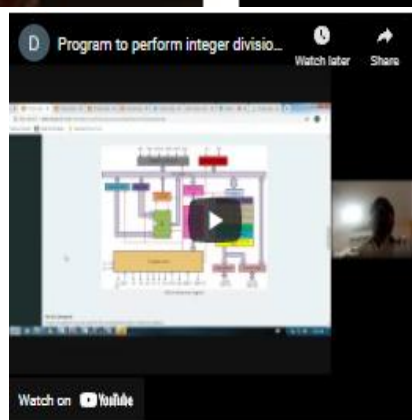
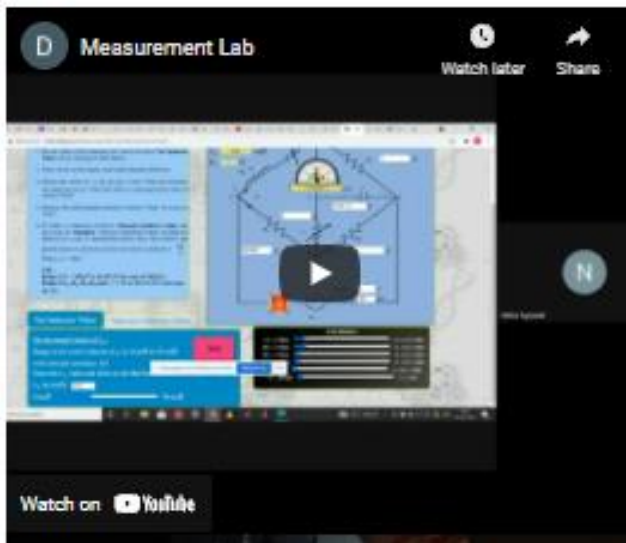


Fig: Glimpses of Online Lab Experiment Videos

## NPTEL Online links (Sample)

### 1. NPTEL ONLINE LINKS :

S.no.	Sem.	Code	Course Name	Swayamprabha Link
1.	Sem 1 <sup>st</sup> /2 <sup>nd</sup>	2FY3-08	Basic Electrical Engineering	<a href="https://nptel.ac.in/courses/108/108/108108076/">https://nptel.ac.in/courses/108/108/108108076/</a> <a href="https://nptel.ac.in/courses/108/106/108106172/">https://nptel.ac.in/courses/108/106/108106172/</a>
2.	Sem 3 <sup>rd</sup>	3EE1-02	Technical Communication (TC)	<a href="https://www.conestogac.on.ca/fulltime/technical-communication/courses?id=23429">https://www.conestogac.on.ca/fulltime/technical-communication/courses?id=23429</a>
3.		3EE3-04	Power generation Process (PGP)	<a href="https://nptel.ac.in/courses/108/102/108102047/">https://nptel.ac.in/courses/108/102/108102047/</a>
4.		3EE4-05	Electrical Circuit Analysis (ECA)	<a href="https://nptel.ac.in/courses/108/105/108105159/">https://nptel.ac.in/courses/108/105/108105159/</a>
5.		3EE4-06	Analog Electronics (AE)	<a href="https://nptel.ac.in/courses/108/105/108105158/">https://nptel.ac.in/courses/108/105/108105158/</a>
6.		3EE4-07	Electrical Machine - I (E/MC -1)	<a href="https://nptel.ac.in/courses/108/105/108105155/">https://nptel.ac.in/courses/108/105/108105155/</a> <a href="https://nptel.ac.in/courses/108/105/108105155/">https://nptel.ac.in/courses/108/105/108105155/</a>
7.		3EE4-08	Electromagnetic Field (EMF)	<a href="https://nptel.ac.in/courses/108/106/108106138/">https://nptel.ac.in/courses/108/106/108106138/</a>
8.		Sem 4 <sup>th</sup>	4EE2-01	Biology
9.	4EE1-03		Managerial Economics and Financial Accounting(MEFA)	<a href="https://nptel.ac.in/courses/110/101/110101005/">https://nptel.ac.in/courses/110/101/110101005/</a> <a href="https://nptel.ac.in/courses/110/106/110106147/">https://nptel.ac.in/courses/110/106/110106147/</a>
10.	4EE3-04		Electronic Measurement & Instrumentation(EMI)	<a href="https://nptel.ac.in/courses/108/105/108105153/">https://nptel.ac.in/courses/108/105/108105153/</a>
11.	4EE4-05		Electrical Machine - II (EM/C-II)	<a href="https://nptel.ac.in/courses/108/105/108105131/">https://nptel.ac.in/courses/108/105/108105131/</a>
12.	4EE4-06		Power Electronics (PE)	<a href="https://nptel.ac.in/courses/108/101/108101126/">https://nptel.ac.in/courses/108/101/108101126/</a>
13.	4EE4-07		Signals & Systems (SS)	<a href="https://nptel.ac.in/courses/108/106/108106163/">https://nptel.ac.in/courses/108/106/108106163/</a>
14.	4EE4-08		Digital Electronics (DE)	<a href="https://nptel.ac.in/courses/108/105/108105132/">https://nptel.ac.in/courses/108/105/108105132/</a>

## SWAYAM Online links (Sample)

### 2. SWAYAM ONLINE VIDEO LINK

S.no	Sem.	Code	Course Name	Swayam Link
1.	Sem 1 <sup>st</sup> /2 <sup>nd</sup>	2FY3-08	Basic Electrical Engineering	<a href="https://onlinecourses.swayam2.ac.in/nou20_cs10/preview">https://onlinecourses.swayam2.ac.in/nou20_cs10/preview</a>
2.	Sem 3 <sup>rd</sup>	3EE2-01	Advance Mathematics (AM)	<a href="https://onlinecourses.nptel.ac.in/noc20_ma17/preview">https://onlinecourses.nptel.ac.in/noc20_ma17/preview</a>
3.		3EE4-05	Electrical Circuit Analysis (ECA)	<a href="https://onlinecourses.nptel.ac.in/noc20_ee46/preview">https://onlinecourses.nptel.ac.in/noc20_ee46/preview</a>
4.		3EE4-06	Analog Electronics (AE)	<a href="https://onlinecourses.nptel.ac.in/noc22_ee15/preview">https://onlinecourses.nptel.ac.in/noc22_ee15/preview</a>
5.		3EE4-07	Electrical Machine - I (E/MC -1)	<a href="https://nptel.ac.in/courses/108/105/108105017/">https://nptel.ac.in/courses/108/105/108105017/</a>
6.		3EE4-08	Electromagnetic Field (EMF)	<a href="https://onlinecourses.nptel.ac.in/noc21_ee83/preview">https://onlinecourses.nptel.ac.in/noc21_ee83/preview</a>
				<a href="https://onlinecourses.nptel.ac.in/noc19_ph08/preview">https://onlinecourses.nptel.ac.in/noc19_ph08/preview</a> <a href="https://onlinecourses.swayam2.ac.in/aic21_ge25/preview">https://onlinecourses.swayam2.ac.in/aic21_ge25/preview</a>
7.	Sem 4 <sup>th</sup>	4EE2-01	Biology	<a href="https://nptel.ac.in/courses/104/102/104102016/">https://nptel.ac.in/courses/104/102/104102016/</a>
8.		4EE1-03	Managerial Economics and Financial Accounting(MEFA)	<a href="https://onlinecourses.swayam2.ac.in/ee20_mg02/preview">https://onlinecourses.swayam2.ac.in/ee20_mg02/preview</a>
9.		4EE3-04	Electronic Measurement & Instrumentation(EMI)	<a href="https://onlinecourses.nptel.ac.in/noc21_ee107/preview">https://onlinecourses.nptel.ac.in/noc21_ee107/preview</a>
10.		4EE4-05	Electrical Machine - II (EM/C-II)	<a href="https://onlinecourses.nptel.ac.in/noc19_ee69/preview">https://onlinecourses.nptel.ac.in/noc19_ee69/preview</a>
11.		4EE4-06	Power Electronics (PE)	<a href="https://onlinecourses.nptel.ac.in/noc20_ee97/preview">https://onlinecourses.nptel.ac.in/noc20_ee97/preview</a>
12.		4EE4-07	Signals & Systems (SS)	<a href="https://onlinecourses.nptel.ac.in/noc22_ee42/preview">https://onlinecourses.nptel.ac.in/noc22_ee42/preview</a>

## National Digital Library Web Course Online links (Sample)

### 3. NATIONAL DIGITAL LIBRARY WEB COURSE VIDEO LINK:

S.No.	Subject Name	Link
1.	Basic Electrical Technology	<a href="http://ndl.iitkgp.ac.in/document/Z2JzN0ZmU2VhdW5kODBJdWRCTmg3R1Rja3VvSGwvbWpxRHVGd0N1dXZQOTQycjVCUGVva2p0OUJYcHlBajVaa3Z3Z2FkOXZHdGg5Zkp4ZF1XOHRjMkE9PQ">http://ndl.iitkgp.ac.in/document/Z2JzN0ZmU2VhdW5kODBJdWRCTmg3R1Rja3VvSGwvbWpxRHVGd0N1dXZQOTQycjVCUGVva2p0OUJYcHlBajVaa3Z3Z2FkOXZHdGg5Zkp4ZF1XOHRjMkE9PQ</a>
2.	Dc Machine	<a href="http://ndl.iitkgp.ac.in/document/eUJ5RFk4S3plSG1McXpCN2JPTk1Qd05lQS9jTG9HVfU4NFd5R3lDcGZJWFppbWNxcDYxOUpldWY1MnZFcC8wbw">http://ndl.iitkgp.ac.in/document/eUJ5RFk4S3plSG1McXpCN2JPTk1Qd05lQS9jTG9HVfU4NFd5R3lDcGZJWFppbWNxcDYxOUpldWY1MnZFcC8wbw</a>
3.	Circuit Theory	<a href="http://ndl.iitkgp.ac.in/document/Z2JzN0ZmU2VhdW5kODBJdWRCTmg3SnJZODVIUWJsV0ZNYkVWHNoUjJQRkpHbFJVdXlvR0o5VkfZdHlOVTdhTXhKU2pORWpZMwTlSkNWUZSVTBEK2c9PQ">http://ndl.iitkgp.ac.in/document/Z2JzN0ZmU2VhdW5kODBJdWRCTmg3SnJZODVIUWJsV0ZNYkVWHNoUjJQRkpHbFJVdXlvR0o5VkfZdHlOVTdhTXhKU2pORWpZMwTlSkNWUZSVTBEK2c9PQ</a>
4.	Electrical Machine-I	<a href="http://ndl.iitkgp.ac.in/document/Z2JzN0ZmU2VhdW5kODBJdWRCTmg3QmJrWHRHTWpMZm9ZYlF1R1lRRkZRCmJDMF1yMlhPcm9OOFB6SmcvRFpqUS9YWkU4UGVOYld2OCthY244ODdkQ0E9PQ">http://ndl.iitkgp.ac.in/document/Z2JzN0ZmU2VhdW5kODBJdWRCTmg3QmJrWHRHTWpMZm9ZYlF1R1lRRkZRCmJDMF1yMlhPcm9OOFB6SmcvRFpqUS9YWkU4UGVOYld2OCthY244ODdkQ0E9PQ</a>
5.	Electrical Machine –II	<a href="http://ndl.iitkgp.ac.in/document/Z2JzN0ZmU2VhdW5kODBJdWRCTmg3QmJrWHRHTWpMZm9ZYlF1R1lRRkZRCFlIN3lEb2V3RXRFSXBWcVBiQnQ4cEt4dDB0cXJHVkFHZlZhcDBDSWxJWmc9PQ">http://ndl.iitkgp.ac.in/document/Z2JzN0ZmU2VhdW5kODBJdWRCTmg3QmJrWHRHTWpMZm9ZYlF1R1lRRkZRCFlIN3lEb2V3RXRFSXBWcVBiQnQ4cEt4dDB0cXJHVkFHZlZhcDBDSWxJWmc9PQ</a>
6.	Energy Management System And SCADA	<a href="http://ndl.iitkgp.ac.in/document/Z2JzN0ZmU2VhdW5kODBJdWRCTmg3TEsyWGNOSmdMwMf6cXhxSGU1WFRlUkJsZU5SdnFtN3dQL1BkwlNtRVVBY0FyVDhFZm9aSE96UjdSc0Fta01yUm9PQ">http://ndl.iitkgp.ac.in/document/Z2JzN0ZmU2VhdW5kODBJdWRCTmg3TEsyWGNOSmdMwMf6cXhxSGU1WFRlUkJsZU5SdnFtN3dQL1BkwlNtRVVBY0FyVDhFZm9aSE96UjdSc0Fta01yUm9PQ</a>
7.	High Voltage DC Transmission	<a href="http://ndl.iitkgp.ac.in/document/Z2JzN0ZmU2VhdW5kODBJdWRCTmg3SHJacXk1VTIsYnVEK01NVXo4ekZtQVFAM0N0NXl0Zk5JVjVKY050UDJ6QWtKM3pQWEXUzBJNTRPMHczEFLN2c9PQ">http://ndl.iitkgp.ac.in/document/Z2JzN0ZmU2VhdW5kODBJdWRCTmg3SHJacXk1VTIsYnVEK01NVXo4ekZtQVFAM0N0NXl0Zk5JVjVKY050UDJ6QWtKM3pQWEXUzBJNTRPMHczEFLN2c9PQ</a>
8.	Electromagnetic Fields	<a href="http://ndl.iitkgp.ac.in/document/Z2JzN0ZmU2VhdW5kODBJdWRCTmg3RFNhU2JCRzZrMUF0U0lqcVBTUDM2aEpxVWcrQWVIT0EvQUVZcnVMRTlwYVVF1eldNQkhDR0EvenlYbkpBUfJKUIE9PQ">http://ndl.iitkgp.ac.in/document/Z2JzN0ZmU2VhdW5kODBJdWRCTmg3RFNhU2JCRzZrMUF0U0lqcVBTUDM2aEpxVWcrQWVIT0EvQUVZcnVMRTlwYVVF1eldNQkhDR0EvenlYbkpBUfJKUIE9PQ</a>
9.	Embedded Systems	<a href="http://ndl.iitkgp.ac.in/document/Z2JzN0ZmU2VhdW5kODBJdWRCTmg3TnYwcis0WTlQS1R4L3U0cTA3dm1Ed1pHcDBBR3VxU0JhcTJRMEhPWWdVZFNQSUVJd3dCRWZyb01USVJVMUdFOFE9PQ">http://ndl.iitkgp.ac.in/document/Z2JzN0ZmU2VhdW5kODBJdWRCTmg3TnYwcis0WTlQS1R4L3U0cTA3dm1Ed1pHcDBBR3VxU0JhcTJRMEhPWWdVZFNQSUVJd3dCRWZyb01USVJVMUdFOFE9PQ</a>

## Details of Lab Experimental Videos (Sample)

### 5. DETAIL OF LAB EXPERIMENTAL VIDEO:

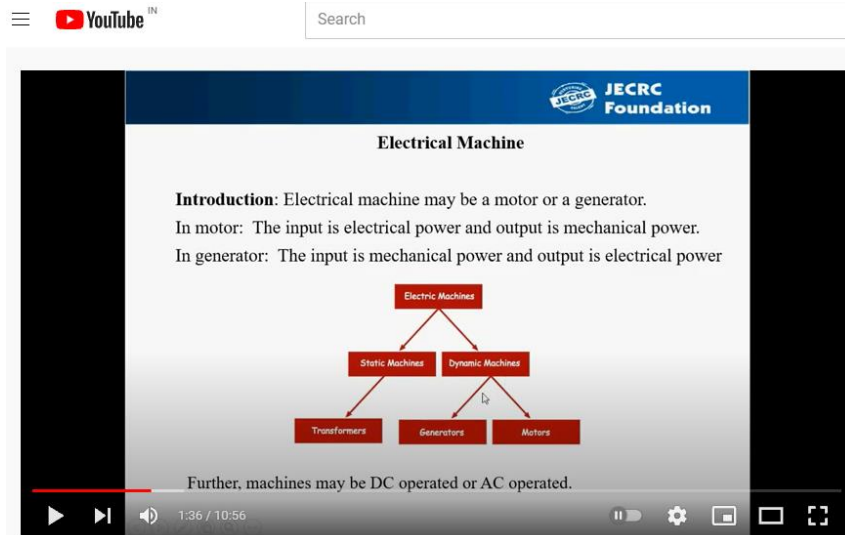
S.No.	Semester	Name of lab	Link
1.	3 <sup>rd</sup>	Electrical Machine-I Lab-	<a href="https://youtu.be/nAFVzADUplI">https://youtu.be/nAFVzADUplI</a>
2.	4 <sup>th</sup>	Electrical Machine -II	<a href="https://youtu.be/eo6_S1V9eql">https://youtu.be/eo6_S1V9eql</a> <a href="https://youtu.be/nEsVvKNRUvg">https://youtu.be/nEsVvKNRUvg</a> <a href="https://youtu.be/VlyWWVslunE">https://youtu.be/VlyWWVslunE</a> <a href="https://youtu.be/rgjds muzQPE">https://youtu.be/rgjds muzQPE</a>
3.		Measurement Lab	<a href="https://youtu.be/t2SYBO2xpZw">https://youtu.be/t2SYBO2xpZw</a> <a href="https://youtu.be/fE0FR-7dQ_Y">https://youtu.be/fE0FR-7dQ_Y</a> <a href="https://youtu.be/QG07LZBy5Uw">https://youtu.be/QG07LZBy5Uw</a> <a href="https://youtu.be/mmsJcL0P-t0">https://youtu.be/mmsJcL0P-t0</a> <a href="https://youtu.be/MGMOVnj9All">https://youtu.be/MGMOVnj9All</a>
4.		Power Electronics Lab	<a href="https://youtu.be/7hJjYAGPMI4">https://youtu.be/7hJjYAGPMI4</a> <a href="https://youtu.be/VFeO19p7ilg">https://youtu.be/VFeO19p7ilg</a> <a href="https://youtu.be/8GVDUgl5d3A">https://youtu.be/8GVDUgl5d3A</a> <a href="https://youtu.be/qnBlT93H7_A">https://youtu.be/qnBlT93H7_A</a> <a href="https://youtu.be/j-u6jvwSD1g">https://youtu.be/j-u6jvwSD1g</a> <a href="https://youtu.be/EyIN6NmRpak">https://youtu.be/EyIN6NmRpak</a> <a href="https://youtu.be/fjJECUp5Q8k">https://youtu.be/fjJECUp5Q8k</a> <a href="https://youtu.be/-xFcWvGlcQ">https://youtu.be/-xFcWvGlcQ</a> <a href="https://youtu.be/fz4QGqPxW8Y">https://youtu.be/fz4QGqPxW8Y</a>
5.	5 <sup>th</sup>	Microprocessor lab	<a href="https://youtu.be/ez5e1Tt559w">https://youtu.be/ez5e1Tt559w</a> <a href="https://youtu.be/x-BDKBhQkB4">https://youtu.be/x-BDKBhQkB4</a>

## Subject Videos Uploaded on You Tube (Sample)

### 5. SUBJECT VIDEO UPLOADED ON YOUTUBE OF EE DEPARTMENT

S.No.	Title of the video	Link to the videos
1	EE Conventional and static rotor resistance control method for WRIM	<a href="https://youtu.be/qVoDF_jkTLo">https://youtu.be/qVoDF_jkTLo</a>
2	Introduction to DC Electrical Machines	<a href="https://youtu.be/DA8Xs6PZYZ4">https://youtu.be/DA8Xs6PZYZ4</a>
3	Double Revolving Field Theory and Equivalent Circuit of Single Phase Induction Machine	<a href="https://youtu.be/G2ZBYWXLJ-U">https://youtu.be/G2ZBYWXLJ-U</a>
4	Construction and working of an Single phase Induction Machine	<a href="https://youtu.be/JCljqmcjvi8">https://youtu.be/JCljqmcjvi8</a>
5	Energy Efficiency In Industrial System	<a href="https://youtu.be/X5phEhaPiFc">https://youtu.be/X5phEhaPiFc</a>
6	Energy Audit	<a href="https://youtu.be/l6lahkVvqZE">https://youtu.be/l6lahkVvqZE</a>





**Fig: Pic of Video Uploaded on You Tube (Sample)**

**Details of Course material on College Website (Sample)**

6	Electrical Machine-I (3EE4-07)	1	<a href="https://jecrcfoundation.com/notes/btech/Electrical%20Engineering/3rd%20Semester/Electrical%20machine/unit%201%20and%201I.pptx">https://jecrcfoundation.com/notes/btech/Electrical%20Engineering/3rd%20Semester/Electrical%20machine/unit%201%20and%201I.pptx</a>
		2	<a href="https://jecrcfoundation.com/notes/btech/Electrical%20Engineering/3rd%20Semester/Electrical%20machine/unit%203.pdf">https://jecrcfoundation.com/notes/btech/Electrical%20Engineering/3rd%20Semester/Electrical%20machine/unit%203.pdf</a>
		3	<a href="https://jecrcfoundation.com/notes/btech/Electrical%20Engineering/3rd%20Semester/Electrical%20machine/unit%203%20(2).pdf">https://jecrcfoundation.com/notes/btech/Electrical%20Engineering/3rd%20Semester/Electrical%20machine/unit%203%20(2).pdf</a>
			<a href="https://jecrcfoundation.com/notes/btech/Electrical%20Engineering/3rd%20Semester/Electrical%20machine/unit%203%20(3).pdf">https://jecrcfoundation.com/notes/btech/Electrical%20Engineering/3rd%20Semester/Electrical%20machine/unit%203%20(3).pdf</a>
		4	<a href="https://jecrcfoundation.com/notes/btech/Electrical%20Engineering/3rd%20Semester/Electrical%20machine/unit%204%20(2).pdf">https://jecrcfoundation.com/notes/btech/Electrical%20Engineering/3rd%20Semester/Electrical%20machine/unit%204%20(2).pdf</a>
			<a href="https://jecrcfoundation.com/notes/btech/Electrical%20Engineering/3rd%20Semester/Electrical%20machine/unit%204.pdf">https://jecrcfoundation.com/notes/btech/Electrical%20Engineering/3rd%20Semester/Electrical%20machine/unit%204.pdf</a>
			<a href="https://jecrcfoundation.com/notes/btech/Electrical%20Engineering/3rd%20Semester/Electrical%20machine/unit%204%20(3).pdf">https://jecrcfoundation.com/notes/btech/Electrical%20Engineering/3rd%20Semester/Electrical%20machine/unit%204%20(3).pdf</a>
			<a href="https://jecrcfoundation.com/notes/btech/Electrical%20Engineering/3rd%20Semester/Electrical%20machine/unit%204%20(4).pdf">https://jecrcfoundation.com/notes/btech/Electrical%20Engineering/3rd%20Semester/Electrical%20machine/unit%204%20(4).pdf</a>
			<a href="https://jecrcfoundation.com/notes/btech/Electrical%20Engineering/3rd%20Semester/Electrical%20machine/unit%204%20(5).pdf">https://jecrcfoundation.com/notes/btech/Electrical%20Engineering/3rd%20Semester/Electrical%20machine/unit%204%20(5).pdf</a>
		5	<a href="https://jecrcfoundation.com/notes/btech/Electrical%20Engineering/3rd%20Semester/Electrical%20machine/Transformer%20unit%205.pdf">https://jecrcfoundation.com/notes/btech/Electrical%20Engineering/3rd%20Semester/Electrical%20machine/Transformer%20unit%205.pdf</a>
			<a href="https://jecrcfoundation.com/notes/btech/Electrical%20Engineering/3rd%20Semester/Electrical%20machine/unit%205%20(2).pdf">https://jecrcfoundation.com/notes/btech/Electrical%20Engineering/3rd%20Semester/Electrical%20machine/unit%205%20(2).pdf</a>
			<a href="https://jecrcfoundation.com/notes/btech/Electrical%20Engineering/3rd%20Semester/Electrical%20machine/unit%205%20(3).pdf">https://jecrcfoundation.com/notes/btech/Electrical%20Engineering/3rd%20Semester/Electrical%20machine/unit%205%20(3).pdf</a>

## Faculty Development Programme attended by faculties of Electrical Engineering Department

Department	Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)	Link for the certificate
Electrical Engineering	Dr Prerak Bhardwaj	"NBA Accreditation through Outcome based Education"	21/02/2022 to 25/02/2022	<a href="https://drive.google.com/file/d/1rE8Qr-k1xbdkRSINKEXJoxIA2wzKpsKi/view?usp=sharing">https://drive.google.com/file/d/1rE8Qr-k1xbdkRSINKEXJoxIA2wzKpsKi/view?usp=sharing</a>
Electrical Engineering	Dr Prerak Bhardwaj	Artificial Intelligence and Big Data Analysis for Electrical Engineering (in Collaboration with MathWorks)	07/03/2022 to 11/03/2022	<a href="https://drive.google.com/file/d/1fuJiT35PqXlsuzxaz2BiDEW0GJRMm517/view?usp=sharing">https://drive.google.com/file/d/1fuJiT35PqXlsuzxaz2BiDEW0GJRMm517/view?usp=sharing</a>
Electrical Engineering	Dr Prerak Bhardwaj	Power Quality Issues and Solutions for Grid Connected Electric Vehicles	14/03/2022 to 19/03/2022	<a href="https://drive.google.com/file/d/1i2X7pft-oqLOkIV-ayze563q0sjRUph/view?usp=sharing">https://drive.google.com/file/d/1i2X7pft-oqLOkIV-ayze563q0sjRUph/view?usp=sharing</a>
Electrical Department	Mr Gopal Tiwari	"NBA Accreditation through Outcome based Education"	21/02/2022 to 25/02/2022	<a href="https://drive.google.com/drive/folders/1ktjWYdCQYE3YFandmhdThaHD3NhnCGb6?usp=sharing">https://drive.google.com/drive/folders/1ktjWYdCQYE3YFandmhdThaHD3NhnCGb6?usp=sharing</a>
Electrical Engineering	L.Senthil	Emerging Techniques in Modern Power System	31/01/2022 to 04/02/2022	<a href="https://drive.google.com/drive/folders/13VzBfYCOvLUeAWWR4ODSeBlksR-n4_cy">https://drive.google.com/drive/folders/13VzBfYCOvLUeAWWR4ODSeBlksR-n4_cy</a>
Electrical Engineering	L.Senthil	Recent AdvAncements in electRicAl tRAnspoRtAtion technologies	07/02/2022 to 11/02/2022	<a href="https://drive.google.com/drive/folders/1zoOLnMtXN1VZA2iAGyNvWRdH3-MB7wf">https://drive.google.com/drive/folders/1zoOLnMtXN1VZA2iAGyNvWRdH3-MB7wf</a>
Electrical Engineering	Ms.Sonali Chadha	Recent AdvAncements in electRicAl tRAnspoRtAtion technologies	07/02/2022 to 11/02/2022	<a href="https://drive.google.com/drive/folders/1zoOLnMtXN1VZA2iAGyNvWRdH3-MB7wf">https://drive.google.com/drive/folders/1zoOLnMtXN1VZA2iAGyNvWRdH3-MB7wf</a>
Electrical Engineering	Ms. Neha Agrawal	Advanced Sensor Technology for Efficient Biomedical and Energy Management in Smart Cities	03/01/2022 to 07/01/2022	<a href="https://drive.google.com/file/d/1C3P1epsoWOCNtSxry8_EmWvCMYYXKj2d/view?usp=sharing">https://drive.google.com/file/d/1C3P1epsoWOCNtSxry8_EmWvCMYYXKj2d/view?usp=sharing</a>
Electrical Engineering	Ms. Neha Agrawal	Recent Advancements in Electrical Transportation Technologies	February 07th–11th, 2022	<a href="https://drive.google.com/file/d/108EtnxheCAnEPaZ5RquAXU1CMo25axWe/view?usp=sharing">https://drive.google.com/file/d/108EtnxheCAnEPaZ5RquAXU1CMo25axWe/view?usp=sharing</a>
Electrical Engineering	Ms. Neha Agrawal	Short Term Training Program on Writing and Publishing of Quality Research Articles and Ethics of Research	21/02/2022 to 25/02/2022	<a href="https://drive.google.com/file/d/1idKojrGJdA2P9JyX_faVmcIMlmG0RIE1/view?usp=sharing">https://drive.google.com/file/d/1idKojrGJdA2P9JyX_faVmcIMlmG0RIE1/view?usp=sharing</a>
Electrical Engineering	Ms. Jisha Varghese	Advanced Sensor Technology for Efficient Biomedical and Energy Management in Smart Cities	03/01/2022 to 07/01/2022	<a href="https://drive.google.com/file/d/1XKAQBllaa3lzuFu5ppgxZPtUOEu9Tzh8/view?usp=sharing">https://drive.google.com/file/d/1XKAQBllaa3lzuFu5ppgxZPtUOEu9Tzh8/view?usp=sharing</a>
Electrical Engineering	Ms. Sonali Chadha	Emerging Techniques in Modern Power System	31/01/2022 to 04/02/2022	<a href="https://drive.google.com/drive/folders/13VzBfYCOvLUeAWWR4ODSeBlksR-n4_cy">https://drive.google.com/drive/folders/13VzBfYCOvLUeAWWR4ODSeBlksR-n4_cy</a>
Electrical Engineering	Ms. Ritu Soni	One week workshop on Advance Computing Technologies	07/02/2022 to 11/02/2022	<a href="https://drive.google.com/file/d/1hcHaA-7OO5i3Ty1HcoBfAmFANBKXQ48C/view?usp=sharing">https://drive.google.com/file/d/1hcHaA-7OO5i3Ty1HcoBfAmFANBKXQ48C/view?usp=sharing</a>
Electrical Engineering	Ms. Ritu Soni	one week online Event Enhancing Emotional Immunity	21/02/2022 to 25/02/2022	<a href="https://drive.google.com/file/d/1Ah0c6SF2xJlw9W4H4AVP-RKz_E-CfAuS/view?usp=sharing">https://drive.google.com/file/d/1Ah0c6SF2xJlw9W4H4AVP-RKz_E-CfAuS/view?usp=sharing</a>
Electrical Engineering	Ms.Nupur Yadav	One week workshop on Advance Computing Technologies	07/02/2022 to 11/02/2022	<a href="https://drive.google.com/file/d/1J7bnvwRnYlkyVD-Tzuurms3n3P0pCiVz/view?usp=sharing">https://drive.google.com/file/d/1J7bnvwRnYlkyVD-Tzuurms3n3P0pCiVz/view?usp=sharing</a>
Electrical Engineering	Ms. Nupur Yadav	one week online Event Enhancing Emotional Immunity	21/02/2022 to 25/02/2022	<a href="https://drive.google.com/file/d/1z7GHag3Xhn7Nf6BqZaZwXl1ZGYVrUtMg/view?usp=sharing">https://drive.google.com/file/d/1z7GHag3Xhn7Nf6BqZaZwXl1ZGYVrUtMg/view?usp=sharing</a>
Electrical Engineering	Ms. Nupur Yadav	5-day online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education(AICTE)	15/11/21-19/12/2021	<a href="https://drive.google.com/file/d/1z7GHag3Xhn7Nf6BqZaZwXl1ZGYVrUtMg/view?usp=sharing">https://drive.google.com/file/d/1z7GHag3Xhn7Nf6BqZaZwXl1ZGYVrUtMg/view?usp=sharing</a>

## Feedback Mechanism

S. No.	Feedback Forms	Link
1	Students' Curriculum Feedback Form	<a href="https://forms.gle/tFLBfEZ9rkv9yHGR8">https://forms.gle/tFLBfEZ9rkv9yHGR8</a>
2	Students' Feedback On Teaching Learning	<a href="https://forms.gle/ewHWXhcJCQQd6GEn6">https://forms.gle/ewHWXhcJCQQd6GEn6</a>
3	Students' Extra-Curricular Feedback Form	<a href="https://forms.gle/k66NhGxKtZotUvXW7">https://forms.gle/k66NhGxKtZotUvXW7</a>
4	Parents' Feedback Form	<a href="https://forms.gle/pgeEJdJX5aj68xaJ7">https://forms.gle/pgeEJdJX5aj68xaJ7</a>
5	Students' Facility Feedback Form	<a href="https://forms.gle/EKRLXUkREAUhqoxZ7">https://forms.gle/EKRLXUkREAUhqoxZ7</a>
6	Students' Hostel Facility Feedback Form	<a href="https://forms.gle/YU6usNw8MAMTqnx9">https://forms.gle/YU6usNw8MAMTqnx9</a>
7	Students' Feedback(Transport Facility) Form	<a href="https://forms.gle/3TFrheskHP2Bs7S49">https://forms.gle/3TFrheskHP2Bs7S49</a>
8	General Feedback Form	<a href="https://forms.gle/3b6jGRCbxzLAcyCWA">https://forms.gle/3b6jGRCbxzLAcyCWA</a>

S. No.	Feedback Forms	Link
9	Students' Course Outcome Feedback Form	<a href="https://forms.gle/8gzawgpYffcQOTp37">https://forms.gle/8gzawgpYffcQOTp37</a>
10	Students' Program Exit Feedback Form	<a href="https://forms.gle/FVUnEDLB8oRtw1T7">https://forms.gle/FVUnEDLB8oRtw1T7</a>
11	Employee Feedback Form	<a href="https://forms.gle/Wtys4E8NoC4t7fPq9">https://forms.gle/Wtys4E8NoC4t7fPq9</a>

## Action Taken Reports of Feedback

S. No.	Feedback Forms	Link
1	Students' Curriculum Feedback Form	<a href="https://drive.google.com/file/d/1Ldap5St_Z1x9sZOHWJmSN8AeXbgURsAe/view?usp=sharing">https://drive.google.com/file/d/1Ldap5St_Z1x9sZOHWJmSN8AeXbgURsAe/view?usp=sharing</a>
2	Students' Feedback On Teaching Learning	
3	Students' Extra-Curricular Feedback Form	
4	Parents' Feedback Form	
5	Students' Facility Feedback Form	
6	Students' Hostel Facility Feedback Form	
7	Students' Feedback(Transport Facility) Form	
8	General Feedback Form	

## Committees in Department

<b>S.NO.</b>	<b>Committee Name</b>	<b>Committee Members</b>
<b>1</b>	<b>DQAC</b>	<b>Dr. Prerak Bhardwaj, Mr Gopal Tiwari, Mr L.Senthil, and Ms. Sonali Chadha</b>
<b>2</b>	<b>Moderation Committee</b>	<b>Mr Gopal Tiwari, Mr Vishal Sharma, Mr Shailendra Srivastava and Mr Ram Singh</b>
<b>3</b>	<b>Grievance/ Redressal Committee</b>	<b>Exam – Ms Jisha Varghese &amp; Ms Neha Agrawal Academic – Head &amp; Dy. Head</b>
<b>4</b>	<b>Training &amp; Placement Cell</b>	<b>Mr L.Senthil, Mr Ashok Singh Chundawat</b>
<b>5</b>	<b>Project Assessment Committee</b>	<b>Dr Prerak Bhardwaj and Mr Gopal Tiwari</b>
<b>6</b>	<b>Women Cell Committee</b>	<b>Ms Sonali Chadha</b>
<b>7</b>	<b>Exam Cell</b>	<b>Ms Jisha Varghese &amp; Ms Neha Agrawal</b>
<b>8</b>	<b>Technical Activity Committee</b>	<b>Mr Ashok Singh Chundawat</b>
<b>9</b>	<b>Student Development Officer</b>	<b>Mr Vishal Sharma</b>
<b>10</b>	<b>Time Table Incharge</b>	<b>Ms Sonali Chadha</b>
<b>11</b>	<b>Departmental Library Incharge</b>	<b>Mr Vishnudutt Sharma</b>

## Departmental Notices File and Agenda



  
JAI PUR ENGINEERING COLLEGE  
AND RESEARCH CENTRE

**JAI PUR ENGINEERING COLLEGE AND RESEARCH CENTRE, JAI PUR**

**Circular**

No: JECRC/EE/2020-21/ ODD /1 Date: 22/08/2021

To  
The HOD  
EE Department  
JECRC, Jaipur

**Subject:** Request for permission to conduct Departmental Meeting on 24/08/21, agenda of the meeting is attached. Kindly approve the meeting for the same.

The Agenda of the meeting are:

1. NAAC Presentation
2. Touching Work
3. Other Issues

  
Departmental MOM Incharge

**JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE, JAIPUR**

**Internal Quality Assurance Cell**

**MINUTES OF MEETING**




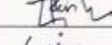



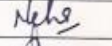



No: JECRC/EE//2020-21/ ODD /1

24/08/2021

Venue: BLG-08, Block B

Date & Time : August 24, 2021 at 11:00 A.M.

**Members Present:**

S.No	Name	Designation	Signature
1	Dr Prerak Bhardwaj	HOD EE, Chair	
2	Mr. Shailendra Shrivastava	Faculty	
3	Mr Gopal Tiwari	Dy. HOD	
4	Mr Ram Singh	Faculty	
5	Mr Vishnu Dutt Sharma	Faculty	
6	Ms Jisha Varghese	Exam I/C, Faculty	
7	Mr Sunil Sharma	Faculty	
8	Mr Vishal Sharma	Faculty	
9	Ms Neha Agarwal	Exam I/C, Faculty	
10.	Ms Ritu Soni	Faculty	
11.	Ms Nupur Yadav	Faculty	

Based on the schedule today's meeting started at 11:00 AM to discuss NAAC, Touching Works and other related issues.

Following items were discussed –

S.No.	Agenda	Response	Remark
1.	NAAC Presentation	As directed by the principal Sir, HODs must make a presentation that highlights the department's NAAC-related activities. The following points should be included in the presentation: 1) Analysis of the results 2) Placement • FDP • Alumni Cell Data	It was decided that the concerned criteria Incharges will provide the data required for the presentation.
2.	Touching Work	3) Because the NAAC team is anticipated to come in December, all departments have been asked to identify the areas/ classrooms/ laboratories that require touch-up work. Mr Shailendra Shrivastava is in charge of this task, and he will be responsible for preparing the report, which must be delivered to Principal Sir within 3-4 days. 4) Mr Gopal Tiwari has been assigned the task of verifying the status of the department's display boards. In this case, a sample has been shown. In A block, a sample has been displayed.	The concerned faculties will submit the report to the HOD within 2-3 days.
3.	Other Issues	5) A special timetable for 15 days, beginning September 1st and ending September 15th, 2021, must be prepared, with an emphasis on last semester's lab and theory classes.	The classes should be taken properly and the Practical should be performed to coop up with the losses

4.	Result analysis faculty wise.	RTU result analysis of the last 3 years has to be calculated . Detailed discussion about improvement of final year result was done and rotation of subject was planned.	Faculty members who have poor scores will be removed from the subject immediately, and the cause for their poor grades will be reported to the HOD. Faculty members who teach the same topic year after year and get excellent results should be assigned to different courses to improve performance.
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CC to

- Principal
- HOD's

  
 Departmental MOM Incharge

### Details of GATE Qualified Students (2020-2021)

S. No	GATE Roll No	Name	SCORE	Rank
1	EE21S33003149	Abhishek Singh	57.33	1373
2	EE21S33015110	Gaurav Sharma	51.33	2487
3	EE21S33017008	Tiksha Kumari	31	11184

### Details of GATE Qualified Students (2021-2022)

S. No	GATE Roll No	Name	SCORE	Rank
1	EE22S28003003	Shubham Goyal	778	312
2	EE22S23025059	Sudhanshu Bansal	589	2190



### **2.2.2. 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)*

#### **A. Process for Internal Semester Question Paper setting and evaluation and effective process implementation**

The department ensure that all the students are aware of the evaluation processes through

- Syllabus and Scheme of Examination
- Time table of examination
- Paper Pattern and Question Paper Finalization through Scrutinizing committee
- Debarred Criteria
- Distribution of Marks as COs and display
- Display of marks with week student list
- Improvement paper based on COs
- Updating the Marks after Improvement-paper Performance (For Weak Students)

#### **1. Student-Awareness for Examination-activities and the evaluation process**

- Academic Calendar
- Syllabus and scheme of examination
- Time table of examination
- Ordinances and notices
- Test copies after evaluation are shown to students
- Students can see his/her copy after semester examination through re-opening on payment basis.

**RTU Scheme**  
**Teaching & Examination**  
**Scheme B.Tech. :**  
**Electrical Engineering**  
**2<sup>nd</sup> Year - III Semester**

<b>THEORY</b>											
SN	Category	Course		Contact hrs/week			Marks				Cr
		Code	Title	L	T	P	Exm Hrs	IA	ETE	Total	
1	BSC	3EE2-01	Advance Mathematics	3	0	0	3	30	120	<b>150</b>	<b>3</b>
2	HSMC	3EE1-02/ 3EE1-03	Technical Communication / Managerial Economics and Financial Accounting	2	0	0	2	20	80	<b>100</b>	<b>2</b>
3	ESC	3EE3-04	Power generation Process	2	0	0	2	20	80	<b>100</b>	<b>2</b>
4	PCC	3EE4-05	Electrical Circuit Analysis	3	0	0	3	30	120	<b>150</b>	<b>3</b>
5		3EE4-06	Analog Electronics	3	0	0	3	30	120	<b>150</b>	<b>3</b>
6		3EE4-07	Electrical Machine - I	3	0	0	3	30	120	<b>150</b>	<b>3</b>
7		3EE4-08	Electromagnetic Field	2	0	0	2	20	80	<b>100</b>	<b>2</b>
			<b>Sub Total</b>	18	0	0		180	720	<b>900</b>	<b>18</b>
<b>PRACTICAL &amp; SESSIONAL</b>											
8	PCC	3EE4-21	Analog Electronics Lab	0	0	2		30	20	<b>50</b>	<b>1</b>
9		3EE4-22	Electrical Machine-I Lab	0	0	4		60	40	<b>100</b>	<b>2</b>
10		3EE4-23	Electrical circuit design Lab	0	0	4		60	40	<b>100</b>	<b>2</b>
13	PSIT	3EE7-30	Industrial Training	0	0	2				<b>50</b>	<b>1</b>
14	SODE CA	3EE8-00	Social Outreach, Discipline & Extra Curricular Activities							<b>25</b>	<b>0.5</b>
			<b>Sub- Total</b>	0	0	12		150	100	<b>325</b>	<b>6.5</b>
			<b>TOTAL OF III SEMESTER</b>	18	0	12		330	820	<b>1225</b>	<b>24.5</b>

**L:** Lecture, **T:** Tutorial, **P:** Practical, **Cr:** Credits

**ETE:** End Term Exam, **IA:** Internal Assessment

**Syllabus**  
**Subject: Electromagnetic Fields (3EE4-08)**  
**Session: 2021-2022**

SN	CONTENTS
1.	<b>Review of Vector Calculus</b> Vector algebra- addition, subtraction, components of vectors, scalar and vector multiplications, triple products, three orthogonal coordinate systems (rectangular, cylindrical and spherical). Vector calculus differentiation, partial differentiation, integration, vector operator $\nabla$ , gradient, divergence and curl; integral theorems of vectors. Conversion of a vector from one coordinate system to another.
2.	<b>Static Electric Field</b> Coulomb's law, Electric field intensity, Electrical field due to point charges. Line, Surface and Volume charge distributions. Gauss law and its applications. Absolute Electric potential, Potential difference, Calculation of potential differences for different configurations. Electric dipole, Electrostatic Energy and Energy density.
3.	<b>Conductors, Dielectrics and Capacitance</b> Current and current density, Ohms Law in Point form, Continuity of current, Boundary conditions of perfect dielectric materials. Permittivity of dielectric materials, Capacitance, Capacitance of a two wire line, Poisson's equation, Laplace's equation, Solution of Laplace and Poisson's equation, Application of Laplace's and Poisson's equations.
4.	<b>Static Magnetic Fields</b> Biot-Savart Law, Ampere Law, Magnetic flux and magnetic flux density, Scalar and Vector Magnetic potentials. Steady magnetic fields produced by current carrying conductors.
5.	<b>Magnetic Forces, Materials and Inductance</b> Force on a moving charge, Force on a differential current element, Force between differential current elements, Nature of magnetic materials, Magnetization and permeability, Magnetic boundary conditions, Magnetic circuits, inductances and mutual inductances.
6.	<b>Time Varying Fields and Maxwell's Equations</b> Faraday's law for Electromagnetic induction, Displacement current, Point form of Maxwell's equation, Integral form of Maxwell's equations, Motional Electromotive forces. Boundary Conditions.
7.	<b>Electromagnetic Waves</b> Derivation of Wave Equation, Uniform Plane Waves, Maxwell's equation in Phasor form, Wave equation in Phasor form, Plane waves in free space and in a homogenous material. Wave equation for a conducting medium, Plane waves in lossy dielectrics, Propagation in good conductors, Skin effect. Poynting theorem.

## COURSE OUTCOMES

On successful completion of the course, the students will be able to: -

<b>CO1</b>	Acquire basic understanding of vectors , their representation and conversion in different coordinate systems.
<b>CO2</b>	Able to compute the force, fields & energy of the electrostatic & magnetostatic fields. Able to analyze the materials, conductors, dielectrics, inductances and capacitances.
<b>CO3</b>	Understand the concept of time varying field and able to solve electromagnetic relation using Maxwell equations. Also able to analyze the electromagnetic waves.

## MAPPING OF COURSE OUTCOMES WITH PROGRAM OUTCOMES

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	2	2	-	-	-	1	1	3	2	2	1
CO2	3	3	2	1	-	1	3	1	3	2	2	2
CO3	3	2	1	1	-	1	2	1	3	2	2	2
Avg.												

**High**                    3  
**Medium**                2  
**Low**                     1  
**NO Correlation**     -

# Jaipur Engineering College and Research Centre

## Department of Electrical Engineering

### Schedule for MTT-1 (III-Semester)

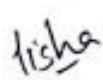
Ref. No. JECRC/EE/Exam/2020-21/

Date: 23-10-2021

Date	Day	Time	Subject code	Subject Name
28/10/2021	Thursday	09:00 to 10:30 AM	3EE4-06	Analog Electronics
29/10/2021	Friday	09:00 to 10:30 AM	3EE1-02	Technical Communication
30/10/2021	Saturday	09:00 to 10:30 AM	3EE3-04	Power generation Process
08/11/2021	Monday	09:00 to 10:30 AM	3EE4-05	Electrical Circuit Analysis
09/11/2021	Tuesday	09:00 to 10:30 AM	3EE2-01	Advance Mathematics
10/11/2021	Wednesday	09:00 to 10:30 AM	3EE4-07	Electrical Machine - I
11/11/2021	Thursday	09:00 to 10:30 AM	3EE4-08	Electromagnetic Field


**Note:**

1. The exam is of 90 minutes. Exam will be in only Offline mode.
2. After 15 minutes, no one will be entertained.
3. Mobile phones are strictly prohibited.

  
Jisha Varghese  
Exam Coordinator, EE

  
HOD-EE

# MTT Question Paper

 JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE	<b>JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE</b> <b>JECRC Campus, Shri Ram Ki Nangal, Via-Vatika, Jaipur</b> <b>Department Of Electrical Engineering</b> <b>MTT-1</b> <b>Academic Year 2020-2021 (ODD Semester)</b> <b>SET: A</b>
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<b>Course</b>	: B.Tech.	<b>Date</b>	: 29/10/2020
<b>Semester/ Section</b>	: III	<b>Time Duration</b>	: 1:30 Hours
<b>Subject &amp; Subject Code</b>	: Electromagnetic Fields (3EE4-08)	<b>Max. Marks</b>	: 40

Course Outcomes	
<b>CO1</b>	Acquire basic understanding of vectors, their representation and conversion in different coordinate systems.
<b>CO2</b>	Able to compute the force, fields & energy of the electrostatic & magnetostatic fields. Able to analyze the materials, conductors, dielectrics, inductances and capacitances.
<b>CO3</b>	Understand the concept of time varying field and able to solve electromagnetic relation using Maxwell equations. Also able to analyze the electromagnetic waves.

Q. No.	CO	Questions	Marks
<b><u>PART- A: Attempt All Questions (5x2 = 10Marks)</u></b>			
1.	CO1	What is unit vector. calculate the unit vector for $\mathbf{A} = 2\mathbf{a}_x + 5\mathbf{a}_y + 6\mathbf{a}_z$ .	2
2.	CO1	Write the formula of Del operator $\nabla$ in different co-ordinate system.	2
3.	CO2	Write the relation between the following. (i) $\mathbf{D}$ and $\mathbf{E}$ (ii) $\mathbf{E}$ and $\mathbf{V}$ (iii) $\mathbf{B}$ and $\mathbf{H}$ (iv) $\mathbf{J}$ and $\mathbf{E}$	2
4.	CO2	Write the Poisson's and Laplace's equation in electrostatics for homogeneous medium.	2
5.	CO3	Write Maxwell's four equation in integral form for static electric and magnetic fields.	2
<b><u>PART-B: Attempt ANY THREE Questions (3x5 = 15Marks)</u></b> <b><u>Student must attend one question from each CO</u></b>			
1.	CO1	Explain cylindrical coordinate system and different elements in cylindrical coordinate system.	5
2.	CO2	Derive an expression for Electric field intensity $\mathbf{E}$ due to a sheet charge.	5
3.	CO3	Derive the Maxwell second equation for static electric field and prove that $\mathbf{E} = -\nabla V$	5
4.	CO1	Find the laplacian of the scalar fields and comment on which fields are harmonic. (i) $W = x^2y + xyz - yz^2$ (ii) $u = rz \sin\phi + z^2 \cos^2\phi + r^2$ (iii) $v = 2r \cos\theta \cos\phi$	5
<b><u>PART-C: Attempt ANY THREE Question (3x5 = 15Marks)</u></b> <b><u>Student must attend one question from each CO</u></b>			
1.	CO1	State and proof Stoke's theorem.	5
2.	CO2	Write a short note on boundary condition in electrostatics.	5

## Solution of MTT Question Paper

### Electromagnetic Fields -

### Solution of MTTI - Set A (2020-21)

#### Part-A

Q.1 - Col Ans - A unit vector has a function to indicate the direction, its magnitude is always unity.

$$\text{Unit vector } \bar{a}_{OA} = \frac{\bar{OA}}{|\bar{OA}|}$$

$$\text{The given vector } \bar{A} = 2\bar{a}_x + 5\bar{a}_y + 6\bar{a}_z$$

$$|\bar{A}| = \sqrt{(2)^2 + (5)^2 + (6)^2} = \sqrt{65} = 8.06$$

$$\bar{a}_A = \frac{2\bar{a}_x + 5\bar{a}_y + 6\bar{a}_z}{8.06} = 0.25\bar{a}_x + 0.62\bar{a}_y + 0.74\bar{a}_z$$

Q.2 - Col - Ans  $\Rightarrow$

$$\text{in Cartesian co-ordinates } \nabla = \frac{\partial}{\partial x} \bar{a}_x + \frac{\partial}{\partial y} \bar{a}_y + \frac{\partial}{\partial z} \bar{a}_z$$

$$\text{in Cylindrical co-ordinates } \nabla = \frac{\partial}{\partial \rho} \bar{a}_\rho + \frac{1}{\rho} \frac{\partial}{\partial \phi} \bar{a}_\phi + \frac{\partial}{\partial z} \bar{a}_z$$

$$\text{and in Spherical co-ordinates } \nabla = \bar{a}_r \frac{\partial}{\partial r} + \bar{a}_\theta \frac{1}{r} \frac{\partial}{\partial \theta} + \bar{a}_\phi \frac{1}{r \sin \theta} \frac{\partial}{\partial \phi}$$

Q.3 - Col - Ans  $\Rightarrow$  (i)  $\bar{D} = \epsilon \bar{E}$

(ii)  $\bar{E} = -\nabla V$

(iii)  $\bar{B} = \mu \bar{H}$

(iv)  $\bar{J} = \sigma \bar{E}$

Q.4 - Col - Ans  $\Rightarrow$

Poisson's equation -  $\nabla^2 V = -\frac{\rho}{\epsilon}$

Laplace's equation -  $\nabla^2 V = 0$

## CO Analysis of MTT 1 of EMFT Subject

JECRC  
Department of Electrical Engineering  
B Tech Semester III 2020-21  
CO Analysis  
Section -A

Subject & Code :- Electromagnetic Fields & 3EE4-08			MTT-I									
Faculty Name: Ritu Soni												
S No	Roll Number	Name of student	CO 1 (14)	percentage (%)	Target Achieved (Y/N)	CO2 (14)	percentage (%)	Target Achieved (Y/N)	CO 3 (12)	percentage (%)	Target Achieved (Y/N)	Total (40)
1	19EJCE E001	AARIF KHAN PATHAN	11	78.57	Y	13	92.86	Y	9	75	Y	33
2	19EJCE E002	AARUSHI MATHUR	10	71.43	Y	10	71.43	Y	5	41.67	N	25
3	19EJCE E003	ABHISHK MAURYA	14	100.00	Y	13	92.86	Y	4	33.33	N	31
4	19EJCE E004	ABHISHK PAHADIYA	14	100.00	Y	9	64.29	Y	8	66.67	Y	31
5	19EJCE E005	ABHISHK RAGHAV	12	85.71	Y	14	100.00	Y	9	75.00	Y	35
6	19EJCE E006	ABHISHK SHARMA	12	85.71	Y	14	100.00	Y	9	75.00	Y	35
7	19EJCE E007	ABHISHK SHUKLA	12	85.71	Y	11	78.57	Y	4	33.33	N	27
8	19EJCE E008	ADITYA KUMAR SINGH	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
9	19EJCE E009	AKSHAT SANKHLA	7	50.00	N	9	64.29	Y	7	58.33	N	23
10	19EJCE E010	AMAN KUMAR TRIVEDI	12	85.71	Y	11	78.57	Y	7	58.33	N	30
11	19EJCE E011	AMAN MEENA	13	92.86	Y	14	100.00	Y	11	91.67	Y	38
12	19EJCE E012	AMAN YOGI	14	100.00	Y	13	92.86	Y	11	91.67	Y	38
13	19EJCE E013	AMIT KUMAR	12	85.71	Y	14	100.00	Y	9	75.00	Y	35



14	19EJCE E014	ANIKET SHARMA	6	42.86	N	9	64.29	Y	9	75.00	Y	24
15	19EJCE E015	ANKIT SONI	12	85.71	Y	8	57.14	N	4	33.33	N	24
16	19EJCE E016	ANURAG GOYAL	12	85.71	Y	13	92.86	Y	9	75.00	Y	34
17	19EJCE E017	ARPIT SHARMA	13	92.86	Y	9	64.29	Y	11	91.67	Y	33
18	19EJCE E018	ARYAN KHATRI	14	100.00	Y	10	71.43	Y	11	91.67	Y	35
19	19EJCE E019	ASHISH GUPTA	13	92.86	Y	9	64.29	Y	8	66.67	Y	30
20	19EJCE E022	ASHISH SUMAN	13	92.86	Y	11	78.57	Y	8	66.67	Y	32
21	19EJCE E023	ASHOK BAIRWA	10	71.43	Y	9	64.29	Y	6	50.00	N	25
22	19EJCE E024	AYUSH SHARMA	7	50.00	N	7	50.00	N	5	41.67	N	19
23	19EJCE E025	CHINMAY KERWAL	14	100.00	Y	12	85.71	Y	3	25.00	N	29
24	19EJCE E026	CHIRAG PORIWAR	13	92.86	Y	11	78.57	Y	9	75.00	Y	33
25	19EJCE E029	DEEPANS HU AGARWAL	12	85.71	Y	12	85.71	Y	3	25.00	N	27
26	19EJCE E030	DEEPEND RA SINGH RAJAWAT	12	85.71	Y	12	85.71	Y	8	66.67	Y	32
27	19EJCE E031	DEEPESH KUMAR KOLI	11	78.57	Y	10	71.43	Y	4	33.33	N	25
28	19EJCE E032	DHAWAL VERMA	12	85.71	Y	9	64.29	Y	4	33.33	N	25
29	19EJCE E033	DHIREND RA SINGH SOLANKI	10	71.43	Y	9	64.29	Y	8	66.67	Y	27
30	19EJCE E034	DIVYANS H BANSAL	10	71.43	Y	10	71.43	Y	9	75.00	Y	29
31	19EJCE E035	DIVYANS HU SHARMA	11	78.57	Y	11	78.57	Y	11	91.67	Y	33
32	19EJCE E036	DIYA PORWAL	13	92.86	Y	12	85.71	Y	8	66.67	Y	33
33	19EJCE E037	ESHAAN TULA	8	57.14	N	7	50.00	N	6	50.00	N	21
34	19EJCE E038	GAURAV SHAKYA	10	71.43	Y	12	85.71	Y	6	50.00	N	28
35	19EJCE E039	GAURAV SINGH	14	100.00	Y	8	57.14	N	8	66.67	Y	30
36	19EJCE E040	HARSH BHADAUR IYA	12	85.71	Y	11	78.57	Y	4	33.33	N	27
37	19EJCE E041	HARSHIT AGARWAL	9	64.29	Y	10	71.43	Y	12	#####	Y	31
38	19EJCE E042	HIMANSH U	10	71.43	Y	9	64.29	Y	7	58.33	N	26

		KHANDEL WAL										
39	19EJCE E043	HIMANSHU SHARMA	14	100.00	Y	12	85.71	Y	11	91.67	Y	37
40	19EJCE E044	ISHITA GUPTA	14	100.00	Y	12	85.71	Y	9	75.00	Y	35
41	19EJCE E045	JASWANT MAHAWAR	14	100.00	Y	11	78.57	Y	6	50.00	N	31
42	19EJCE E046	JAY PRAKASH VISHNOI	9	64.29	Y	3	21.43	N	2	16.67	N	14
43	19EJCE E048	KULDEEP PARETA	14	100.00	Y	12	85.71	Y	11	91.67	Y	37
44	19EJCE E049	KUNAL MITTAL	14	100.00	Y	13	92.86	Y	11	91.67	Y	38
45	19EJCE E050	KUNAL SHARMA	13	92.86	Y	11	78.57	Y	7	58.33	N	31
46	19EJCE E051	KUSHAL KANUNGO	11	78.57	Y	10	71.43	Y	5	41.67	N	26
47	19EJCE E052	LAKHAN SHARMA	14	100.00	Y	7	50.00	N	9	75.00	Y	30
48	19EJCE E053	LAVISH PARETA	11	78.57	Y	11	78.57	Y	7	58.33	N	29
49	19EJCE E054	MADAN MOHAN PATHAK	14	100.00	Y	13	92.86	Y	9	75.00	Y	36
50	19EJCE E055	MAHENDRA KUMAR	11	78.57	Y	11	78.57	Y	10	83.33	Y	32

**LIST OF SLOW LEARNERS (CO WISE)****Subject: Electromagnetic Fields (2020-21)**

<b>JECRC</b>				
<b>Department of Electrical Engineering</b>				
<b>B Tech Semester III 2020-21</b>				
<b>List of Slow learners</b>				
<b>Section -A (MTT 1)</b>				
<b>S No</b>	<b>Roll Number</b>	<b>Name of student</b>	<b>CO1 ()</b>	<b>Target Achived (Y/N)</b>
8	19EJCEE008	ADITYA KUMAR SINGH	AB	AB
9	19EJCEE009	AKSHAT SANKHLA	7	N
14	19EJCEE014	ANIKET SHARMA	6	N
22	19EJCEE024	AYUSH SHARMA	7	N
33	19EJCEE037	ESHAAN TULA	8	N

<b>JECRC</b>				
<b>Department of Electrical Engineering</b>				
<b>B Tech Semester III 2020-21</b>				
<b>List of Slow learners</b>				
<b>Section -A (MTT 1)</b>				
<b>S No</b>	<b>Roll Number</b>	<b>Name of student</b>	<b>CO2 ()</b>	<b>Target Achived (Y/N)</b>
8	19EJCEE008	ADITYA KUMAR SINGH	AB	#####
15	19EJCEE015	ANKIT SONI	8	N
22	19EJCEE024	AYUSH SHARMA	7	N
33	19EJCEE037	ESHAAN TULA	7	N
35	19EJCEE039	GAURAV SINGH	8	N
42	19EJCEE046	JAY PRAKASH VISHNOI	3	N
47	19EJCEE052	LAKHAN SHARMA	7	N

JECRC				
Department of Electrical Engineering				
B Tech Semester III 2020-21				
List of Slow learners				
Section -A (MTT 1)				
S No	Roll Number	Name of student	CO3 ()	Target Achived (Y/N)
2	19EJCEE002	AARUSHI MATHUR	5	N
3	19EJCEE003	ABHISHEK MAURYA	4	N
7	19EJCEE007	ABHISHEK SHUKLA	4	N
8	19EJCEE008	ADITYA KUMAR SINGH	AB	####
9	19EJCEE009	AKSHAT SANKHLA	7	N
10	19EJCEE010	AMAN KUMAR TRIVEDI	7	N
15	19EJCEE015	ANKIT SONI	4	N
21	19EJCEE023	ASHOK BAIRWA	6	N
22	19EJCEE024	AYUSH SHARMA	5	N
23	19EJCEE025	CHINMAY KERWAL	3	N
25	19EJCEE029	DEEPANSHU AGARWAL	3	N
27	19EJCEE031	DEEPESH KUMAR KOLI	4	N
28	19EJCEE032	DHAWAL VERMA	4	N
33	19EJCEE037	ESHAAN TULA	6	N
34	19EJCEE038	GAURAV SHAKYA	6	N
36	19EJCEE040	HARSH BHADAURIYA	4	N
38	19EJCEE042	HIMANSHU KHANDELWAL	7	N
41	19EJCEE045	JASWANT MAHAWAR	6	N
42	19EJCEE046	JAY PRAKASH VISHNOI	2	N
45	19EJCEE050	KUNAL SHARMA	7	N
46	19EJCEE051	KUSHAL KANUNGO	5	N
48	19EJCEE053	LAVISH PARETA	7	N

## List of Advance learners

<b>JECRC</b>				
<b>Department of Electrical Engineering</b>				
<b>B Tech Semester III 2020-21</b>				
<b>List of Advance learners</b>				
<b>Section -A (MTT-I)</b>				
	<b>Roll Number</b>	<b>Name of student</b>	<b>CO1 (14)</b>	<b>Target Achived (Y/N)</b>
1	19EJCEE001	AARIF KHAN PATHAN	11	Y
2	19EJCEE002	AARUSHI MATHUR	10	Y
3	19EJCEE003	ABHISHEK MAURYA	14	Y
4	19EJCEE004	ABHISHEK PAHADIYA	14	Y
5	19EJCEE005	ABHISHEK RAGHAV	12	Y
6	19EJCEE006	ABHISHEK SHARMA	12	Y
7	19EJCEE007	ABHISHEK SHUKLA	12	Y
10	19EJCEE010	AMAN KUMAR TRIVEDI	12	Y
11	19EJCEE011	AMAN MEENA	13	Y
12	19EJCEE012	AMAN YOGI	14	Y
13	19EJCEE013	AMIT KUMAR	12	Y
15	19EJCEE015	ANKIT SONI	12	Y
16	19EJCEE016	ANURAG GOYAL	12	Y
17	19EJCEE017	ARPIT SHARMA	13	Y
18	19EJCEE018	ARYAN KHATRI	14	Y
19	19EJCEE019	ASHISH GUPTA	13	Y
20	19EJCEE022	ASHISH SUMAN	13	Y
21	19EJCEE023	ASHOK BAIRWA	10	Y
23	19EJCEE025	CHINMAY KERWAL	14	Y
24	19EJCEE026	CHIRAG PORIWAR	13	Y
25	19EJCEE029	DEEPANSHU AGARWAL	12	Y

26	19EJCEE030	DEEPENDRA SINGH RAJAWAT	12	Y
27	19EJCEE031	DEEPESH KUMAR KOLI	11	Y
28	19EJCEE032	DHAWAL VERMA	12	Y
29	19EJCEE033	DHIRENDRA SINGH SOLANKI	10	Y
30	19EJCEE034	DIVYANSH BANSAL	10	Y
31	19EJCEE035	DIVYANSHU SHARMA	11	Y
32	19EJCEE036	DIYA PORWAL	13	Y
34	19EJCEE038	GAURAV SHAKYA	10	Y
35	19EJCEE039	GAURAV SINGH	14	Y
36	19EJCEE040	HARSH BHADAURIYA	12	Y
37	19EJCEE041	HARSHIT AGARWAL	9	Y
38	19EJCEE042	HIMANSHU KHANDELWAL	10	Y
39	19EJCEE043	HIMANSHU SHARMA	14	Y
40	19EJCEE044	ISHITA GUPTA	14	Y
41	19EJCEE045	JASWANT MAHAWAR	14	Y
42	19EJCEE046	JAY PRAKASH VISHNOI	9	Y
43	19EJCEE048	KULDEEP PARETA	14	Y
44	19EJCEE049	KUNAL MITTAL	14	Y
45	19EJCEE050	KUNAL SHARMA	13	Y
46	19EJCEE051	KUSHAL KANUNGO	11	Y
47	19EJCEE052	LAKHAN SHARMA	14	Y
48	19EJCEE053	LAVISH PARETA	11	Y
49	19EJCEE054	MADAN MOHAN PATHAK	14	Y
50	19EJCEE055	MAHENDRA KUMAR	11	Y

**JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE**

Department of Electrical Engineering

**CO based assignment to slow learners after MTT-1**

(Session 2020-2021)

Course: B.Tech(EE)

Semester:III

Subject : Electromagnetic Fields

Code : 3EE4-08

MM: 20

**COURSE OUTCOMES**

**CO1:-** Acquire basic understanding of vectors , their representation and conversion in different coordinate systems.

**CO2:-** Able to compute the force, fields & energy of the electrostatic & magnetostatic fields. Able to analyze the materials, conductors, dielectrics, inductances and capacitances.

**CO3:-** Understand the concept of time varying field and able to solve electromagnetic relation using Maxwell equations. Also able to analyze the electromagnetic waves.

**CO-1/Q.1-** Given two points A(5,4,3) and B(2,3,4), Find (i)  $\mathbf{A+B}$  (ii)  $\mathbf{A \cdot B}$  (iii)  $\mathbf{A \times B}$  (iv)  $\Theta_{AB}$

**CO-1/Q.2-** Find the divergence of the following function  $\mathbf{A} = 2xy \mathbf{a}_x + x^2z \mathbf{a}_y + z^3 \mathbf{a}_z$

**CO-1/Q.3-** State and proof Divergence theorem.

**CO-1/Q.4-** Check the stoke's theorem for function  $\mathbf{F} = xy \mathbf{a}_x + 2xy \mathbf{a}_y + 3zx \mathbf{a}_z$  using triangular area whose corner are located at (0,0,0) (2,0,0) and (0,0,2).

**CO-1/Q.5-** Express the vector field  $\mathbf{A} = xy^2z \mathbf{a}_x + x2yz \mathbf{a}_y + xyz2 \mathbf{a}_z$  in cylindrical and spherical coordinates at (3,-4,5).

**CO-1/Q.6-** Explain cylindrical coordinate system and different elements in cylindrical coordinate system.

**CO-1/Q.7-** If  $\vec{A} = \rho \cos \phi \vec{a}_\rho + \sin \phi \vec{a}_\phi$ , Evaluate  $\oint \vec{A} \cdot d\vec{l}$  around the path shown in figure. Conform this by using Stokes's theorem.

**CO-1/Q.8-** Determine the flux of  $\vec{D} = \rho^2 \cos^2 \phi \vec{a}_\rho + z \sin \phi \vec{a}_\phi$  over the closed surface of the cylinder  $0 \leq Z \leq 1, \rho = 4$ , Verify the divergence theorem for this case.

**CO-1/Q.9-** Given  $\vec{A} = 8 \vec{a}_x - 10 \vec{a}_y + \vec{a}_z$ , Find the expression of a unit vector  $\vec{B}$  such that

(a)  $\vec{B} \parallel \vec{A}$                       (b)  $\vec{B} \perp \vec{A}$ , if  $\vec{B}$  lies in xy plane

**CO-1/Q.10-** Determine the curl of the following vector fields and evaluate them at the specified points.

(a)  $\vec{A} = yz \vec{a}_x + 4xy \vec{a}_y + y \vec{a}_z$  at (1,-2,3)

(b)  $\vec{B} = \rho z \sin \phi \vec{a}_\rho + 3\rho z^2 \cos \phi \vec{a}_\phi$  at  $(5, \frac{\pi}{2}, 1)$

(c)  $\vec{C} = 2r \cos \theta \cos \phi \vec{a}_r + r^2 \vec{a}_\phi$  at  $(1, \frac{\pi}{6}, \frac{\pi}{3})$

**JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE**

Department of Electrical Engineering

**CO based assignment to slow learners after MTT-2**

(Session 2020-2021)

Course: B.Tech(EE)

Semester:III

Subject : Electromagnetic Fields

Code : 3EE4-08

MM: 20

**COURSE OUTCOMES**

**CO1:-** Acquire basic understanding of vectors , their representation and conversion in different coordinate systems.

**CO2:-** Able to compute the force, fields & energy of the electrostatic & magnetostatic fields. Able to analyze the materials, conductors, dielectrics, inductances and capacitances.

**CO3:-** Understand the concept of time varying field and able to solve electromagnetic relation using Maxwell equations. Also able to analyze the electromagnetic waves.

**CO-1/Q.1-**Determine the curl of the following vector fields and evaluate them at the specified points.

(a)  $\vec{A} = yz \vec{a}_x + 4xy\vec{a}_y + y\vec{a}_z$  at (1,-2,3)

(b)  $\vec{B} = \rho z \sin \phi \vec{a}_\rho + 3\rho z^2 \cos \phi \vec{a}_\phi$  at  $(5, \frac{\pi}{2}, 1)$

(c)  $\vec{C} = 2r \cos \theta \cos \phi \vec{a}_r + r^{\frac{1}{2}}\vec{a}_\phi$  at  $(1, \frac{\pi}{6}, \frac{\pi}{3})$

**CO-1/Q.2-** Given  $\vec{A} = 8 \vec{a}_x - 10 \vec{a}_y + \vec{a}_z$  , Find the expression of a unit vector  $\vec{B}$  such that

(a)  $\vec{B} \parallel \vec{A}$

(b)  $\vec{B} \perp \vec{A}$  , if  $\vec{B}$  lies in xy plane

**CO-1/Q.3-** Determine the Divergence of the following vector fields and evaluate them at the specified points.

(a)  $\vec{A} = yz \vec{a}_x + 4xy\vec{a}_y + y\vec{a}_z$  at (1,-2,3)

(b)  $\vec{B} = \rho z \sin \phi \vec{a}_\rho + 3\rho z^2 \cos \phi \vec{a}_\phi$  at  $(5, \frac{\pi}{2}, 1)$

(c)  $\vec{C} = 2r \cos \theta \cos \phi \vec{a}_r + r^{\frac{1}{2}}\vec{a}_\phi$  at  $(1, \frac{\pi}{6}, \frac{\pi}{3})$

**CO-1/Q.4-**Determine the flux of  $\vec{D} = \rho^2 \cos^2 \phi \vec{a}_\rho + z \sin \phi \vec{a}_\phi$  over the closed surface of the cylinder  $0 \leq Z \leq 1, \rho = 4$ , Verify the divergence theorem for this case.

**CO-1/Q.5-**If  $\vec{A} = \rho \cos \phi \vec{a}_\rho + \sin \phi \vec{a}_\phi$  , Evaluate  $\oint \vec{A} \cdot d\vec{l}$  around the path shown in figure. Conform this by using Stokes's theorem.

**CO-1/Q.6-**Determine the flux of  $\vec{D} = \rho^2 \cos^2 \phi \vec{a}_\rho + z \sin \phi \vec{a}_\phi$  over the closed surface of the cylinder  $0 \leq Z \leq 1, \rho = 4$ , Verify the divergence theorem for this case.

**CO-1/Q.7-**Express the vector field  $\mathbf{A} = xy^2z \mathbf{a}_x + x2yz \mathbf{a}_y + xyz^2 \mathbf{a}_z$  in cylindrical and spherical coordinates at (3,6,5).

**CO-1/Q.8-**Check the stoke's theorem for function  $\mathbf{F} = xy \mathbf{a}_x + 2xy \mathbf{a}_y + 3zx \mathbf{a}_z$  using triangular area whose corner are located at (0,0,0) (4,0,0) and (0,0,4).



# Minutes of meeting with slow and advance learners



**Jaipur Engineering college and Research Centre**  
**Department of Electrical Engineering**  
**B.Tech II year Sem-III (2020-21)**  
**Meeting of slow and Advance learners**

**Date: 07/11/2020**

## **Minutes of meeting**

A meeting was held on 7<sup>th</sup> November 2020 with the slow and Advance learners at 01:30 pm

### **Agenda**

1. Analysis of performance in MTT-I
2. Problems faced by slow learners
3. Points to improve.
4. Motivate to advance learners for project, research.

Following points were discussed

1. A discussion related to performance of slow and advance learners in MTT-I was done.
2. Need of improvement in next exam. The students were advised to resolve the assignments and tutorial sheets given to them.
3. Problems related to subject and question paper were discussed.
4. They were advised to be careful about the time management.
5. Motivation to advance learners for project, research and extracurricular activities.

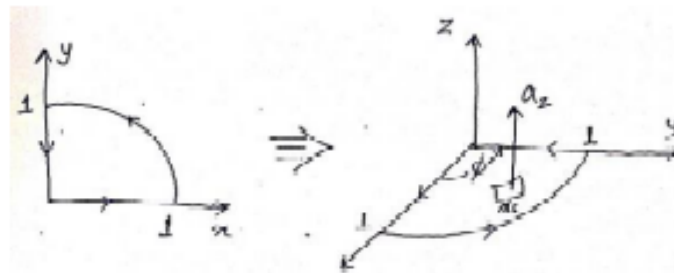
JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

Department of Electrical Engineering  
Assignment- I (Session 2022-2023)

Course: B.Tech (EE)  
Subject : EMFT  
MM: 20

Semester : III  
Code : 3EE4-08


- Q.1** State the gradient, divergence and curl theorems along with their implications.
- Q.2** Find the divergence of the vector function –  $\mathbf{A} = x^2 \mathbf{a}_x + (xy)^2 \mathbf{a}_y + 24 x^2 y^2 z^2 \mathbf{a}_z$ .  
Evaluate the volume integral of  $\Delta \cdot \mathbf{A}$  through the volume of a units cube centered at the origin.
- Q.3** Express the vector field  $\mathbf{A} = x y^2 z \mathbf{a}_x + x^2 y z \mathbf{a}_y + x y z^2 \mathbf{a}_z$  in cylindrical and spherical coordinates at (3,-4, 5).
- Q.4** Determine the divergence and curl of vector  $\mathbf{A} = \rho z \sin\phi \mathbf{a}_\rho + 3 \rho z^2 \cos\phi \mathbf{a}_\phi$  at (5,  $\pi/2$ , 1).
- Q.5** Verify the divergence theorem for vector –  $\mathbf{A} = \rho^2 \cos^2\phi \mathbf{a}_\rho + Z \sin\phi \mathbf{a}_\phi$  over closed surface of the cylinder  $0 \leq Z \leq 1, \rho = 4$ .
- Q.6** Calculate the circulation of  $\mathbf{A} = \rho \cos \phi \mathbf{a}_\rho + Z \sin\phi \mathbf{a}_z$  around the edge C of the wedge defined by  $0 \leq \rho \leq 2, 0 \leq \phi \leq 60^\circ$  and  $z = 0$ .
- Q.7** A vector field is given by  $\mathbf{A} = yz \mathbf{a}_x + xz \mathbf{a}_y + xy \mathbf{a}_z$ . Show that it is both irrotational (i.e has zero curl) and solenoidal (i.e. has zero divergence).
- Q.8** Check the stoke's theorem for the function  $\mathbf{F} = xy \mathbf{a}_x + 2yz \mathbf{a}_y + 3zx \mathbf{a}_z$  using a triangular area whose corners are located at (0,0,0) , (2,0,0) and (0,0,2).
- Q.9** If a scalar variable is  $\phi = 4 x^2 y z$ . Then find the value of –  
(i)  $\Delta \phi$  and (ii)  $\Delta \cdot (\Delta \phi)$
- Q.10** Given  $\mathbf{A} = 2r \cos \phi \mathbf{a}_r + r \mathbf{a}_\phi$  in cylindrical coordinates. For the contour shown in figure, verify the stoke's theorem.



## 2. Examination reforms initiated by the department

The department has provision of showing answer sheets of internal tests to the students. They can compare their answer with solution of question paper. They can discuss with teachers. Few faculties use assignments, seminars, quiz etc. This has added value to the system.

*Seen & Verified*  
*Ravichandani*



**JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE**  
**EXAMINATION ANSWER BOOK**

(To be filled in by the candidates)

Name of the Candidate Rajonka Hanchandani

Class Section-A, Electrical, IV Semester

Roll No. EE-57 (RTU Roll no.: 2003CE064)

Subject & Paper Power Electronics & MT-1 (Sinh. code: 4EE4-06)

Day & Date Monday & 21/03/2022

Session 2021-22

Supplementary Used (Nos.) \_\_\_\_\_

Signature of Candidate Rajonka Hanchandani

Signature of Invigilator Ravichandani

N.B. Candidates Should fill in the above particulars before they begin to write their answers.

**Use blank space below for starting your answer.**

Part-A

Types of power diode are 11

(a) General purpose Diodes

(b) Fast Recovery Diodes

(c) Schottky Diodes

For the use of Examiner	
Q.No.	Marks
1.	01   02   03
2.	2+2   2+2   2+2
3.	+5+4   +1+1   5+3
4.	
5.	13+10   10   10 = 33
6.	
7.	
8.	
Total	23/40

Examiner's Signature Ravichandani

Solution of paper Provided to students

• Section - A

Q1. Name the types of power diode.

⇒ High current diodes, high voltage diodes, PN power diodes, PIN power diodes etc.

Q2. Mention 2 disadvantages of power BJT & MOSFET

⇒ Power BJT & MOSFET

↳ Reduce power-handling levels.

↳ Reduce voltage handling level.

Q3. Briefly explain commutation & name the different types of commutation techniques.

⇒ Commutation cell to "chop" DC power into square wave alternating current. This is done so that an inductor & capacitor can be used in an L-C ckt. to change the voltage. This is the theory of Ley process & in practice efficiency above 80-90% are routinely achieved.

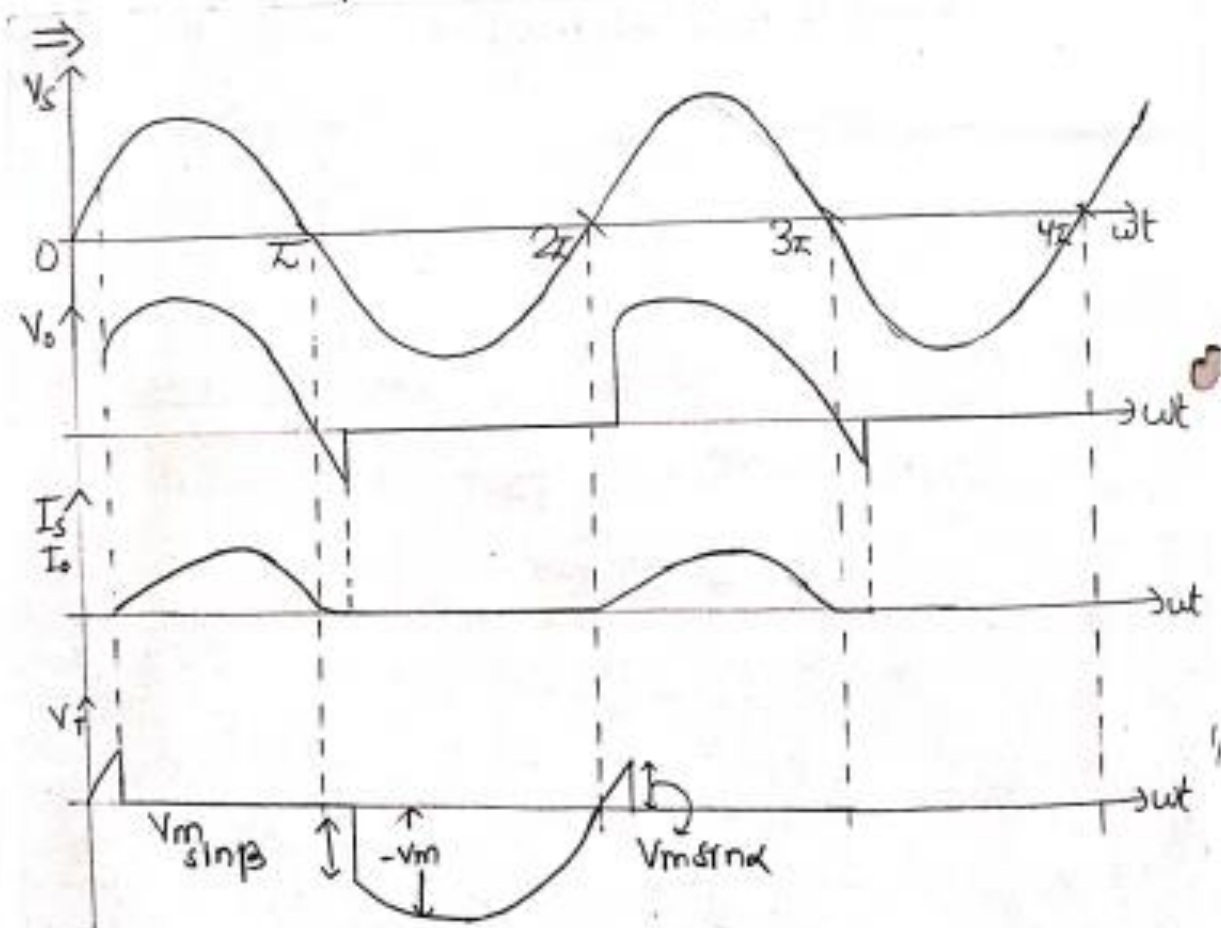
↳ Natural commutation of SCR.

↳ Forced commutation of SCR.

Q4. Signify the role of drift layer in power device

⇒ Due to the low doping level in  $(n^-)$  drift layer will increase the voltage blocking capacity of the transistor. The width of this layer will decide the breakdown voltage of power transistor.

Q5. Analyze the effect of RL load & R load for  $1-\phi$   $1/2$  wave controlled converter by drawing their o/p voltage waveforms only.



## Part-B

A1. Construction of Power MOSFET: Generally the Power MOSFET's are enhancement types. A drift layer is used to enhance the voltage rating are for enhancement MOSFET. The structure of the power MOSFET is of vertical shape & it include 4 layers. This type of structure is mainly used to decrease the length of the flow of current. so this structure will decrease the ON state resistance & ON-state loss.

In the Power MOSFET construction both the  $1^{\text{st}}$  &  $2^{\text{nd}}$  last layer are  $n^+$  layers. Here the source layer is primary layer. Whereas the drain layer is the last layer. The structure of  $n^+p-n^+$  is the  $n$  channel MOSFET in enhancement MOSFET. But the structure of a  $p$ -channel MOSFET include quite opp.

• In this construction the gate terminal is not connected directly to  $p^-$  type as there is an oxide layer in b/w the metal & semi-conductor which work as a dielectric layer.

• Characteristics of MOSFET: The VI characteristics of a power MOSFET are shown below. Here the characteristics are drawn b/w the drain the source voltage & drain current which is denoted with  $V_{DS}$  &  $I_D$ . This curve

### 2.2.3. Quality of student projects (25)

To ensure the quality and monitoring of projects, department analyse continuous evaluation and progress through Project assessment Committee. The committee comprises of senior faculty members in the department. Student projects are evaluated and continuous monitoring is done by the concerned faculty mentor of the project.

- Progress report presentation followed by viva-voce has been carried out twice in a semester in front of Project assessment committee for review of the progress and suggestions thereafter.
- A presentation followed by viva voce is also carried out at the end of semester also in front of the external examiner and other students.
- Some students apply their project ideas for patent.
- All the students are mandatory to write a research paper on their project and present the same during the national conference of the department organized every year. A due credit is also given to the student for the same. External experts from industry and eminent institution are invited during the presentation for expert comments.
- All the papers in the form of conference proceeding is also maintained in the department and shared with IQAC.

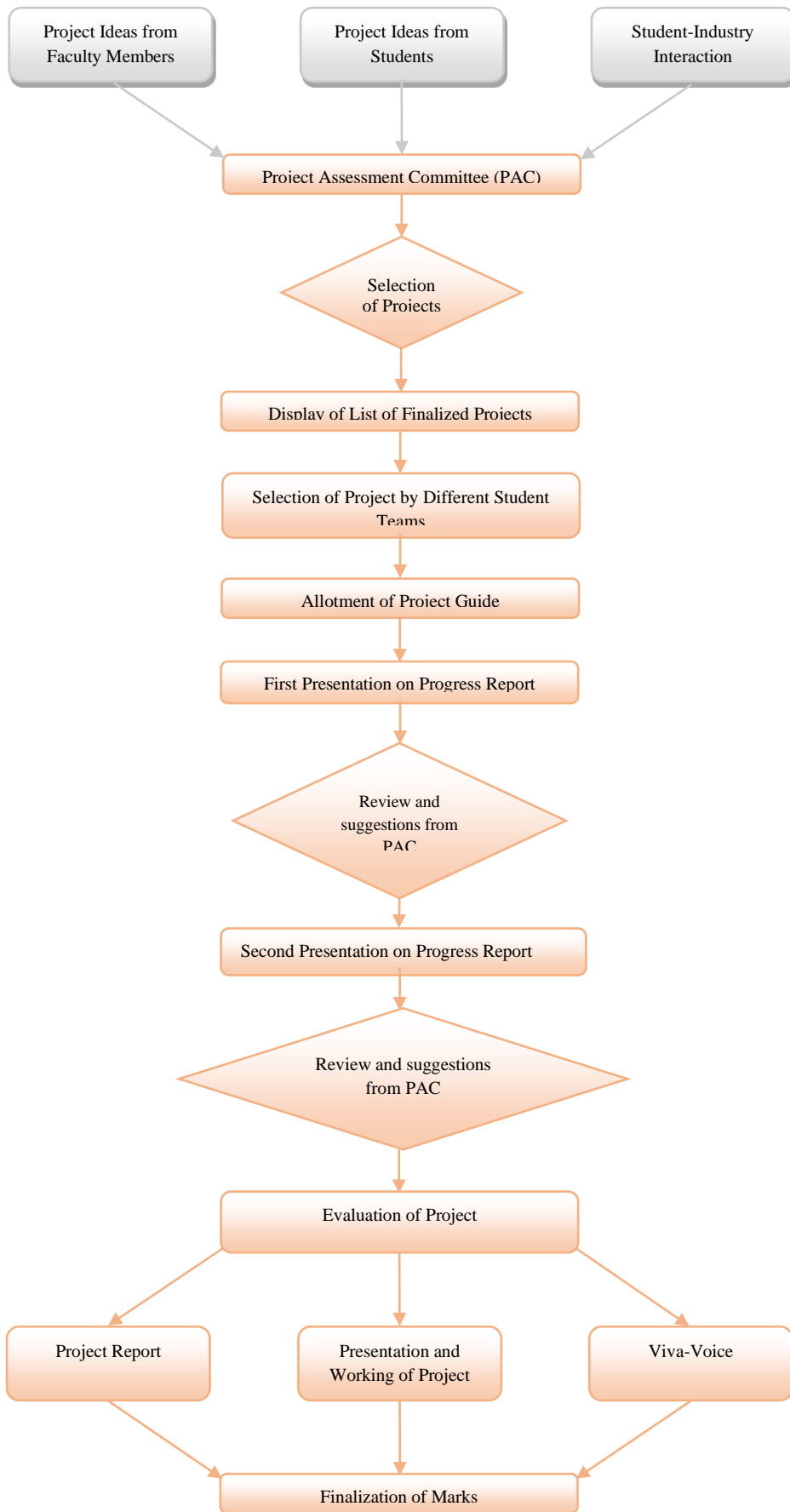
#### Courses Outcomes -Project

Code- 8EE7-50

- CO1** Student will be able to formulate a real time innovation problem related to engineering society, environment, and apply prior knowledge/skill to analyze problem
- CO2** Design a methodology based on the inferences drawn out of literature survey to solve the problem using modern tools of engineering and be able to evaluate one's own work with expected outcome
- CO3** Students will be able to learn skills to lead and work in a team manage project in phases learn financial aspects technical report writing and present work in as per predefined guidelines.

#### CO-PO Mapping

Subject Code	COs	Program Outcomes											
		PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO1 0	PO1 1	PO1 2
8EE7-50	CO-1	3	3	2	2	2	3	3	3	2	2	2	3
	CO-2	2	3	3	3	3	2	2	2	2	3	2	3
	CO-3	2	2	2	2	2	2	2	3	3	3	3	3





## **Project Identification**


- Project coordinator issues a circular to all faculty members to provide the list of five projects to be given to the students.
- The project ideas received are filtered by the **Project assessment committee** on the basis of CO's i.e. Environment, Cost, Ethics, Safety, and Usefulness of the project.
- Final list of finalized projects has been made and display on notice board.
- The list of previous year projects is also displayed at notice board which ensures no repetition of project work and also encourages students to enhance the previous works.

## **Project Continuous Monitoring**

- 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 progress report to the respective guide.
- Progress report presentation followed by viva-voce has been carried out twice in a semester in front of Project assessment committee, then Project assessment committee review the progress and gives suggestions.

## **Project Evaluation**

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

 JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE	JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE JECRC Campus, Shri Ram Ki Nangal, Via-Vatika, Jaipur	Academic Session: 2021-2022
	DEPARTMENT OF ELECTRICAL ENGINEERING	


### B.TECH PROJECT PROGRESS CALENDAR

S.No	Activity	Dates
1	Project Group Formation	22-11-2022
2	Submission of 3 projects topics	03-02-2022
3	Presentation by each group on 3 topics	05-02-2022
4	Finalization of project topic & allotment of guide	(15:16)-02-2022
5	Weekly progress report to guide	06-02-2022 to 14-02-2022 17-02-2022 to 25-02-2022 27-02-2022 to 05-03-2022 06-03-2022 to 12-03-2022 13-03-2022 to 19-03-2022 20-03-2022 to 31-3-2022 01-04-2022 to 09-04-2022
6	Project -I Presentation	09-04-2022
7	Submission of Project -I Report	09-04-2022
8	Project -I oral Exam	09-04-2022
9	Weekly progress report to guide	10-04-2022 to 16-04-2022 17-04-2022 to 23-04-2022 24-04-2022 to 30-04-2022 01-04-2022 to 07-04-2022 08-04-2022 to 14-04-2022
10	Project -II Presentation	20:21-05-2022
11	Submission of Project -II Report	30-05-2022
12	Project -II oral Exam	30-05-2022

Department of Electrical Engineering


Project Topics from Faculties

Name	Designation	Area of Specialization	Title of Research Topic 1	Title of Research Topic 2	Title of Research Topic 3	Title of Research Topic 4
Ms Nupur Yadav	Assistant Professor	Power Electronics, Control System	Solar Energy system	Active filters	Grid Integration	Power electronics Converter
Ms Neha Agrawal	Assistant Professor	Power system	Energy / Renewable Energy	Smart Cities	Agriculture and Rural Development	Sustainable Environment
Mr Gopal Tiwari	Assistant Professor	Cyber physical system,	Design and Development of Cyber Physical Systems	Design of a Electric Vehicles	IOT, Instrumentation, machine learning	Solar Power Systems
Dr Prerak Bhardwaj	Assistant Professor	Electric Drives and Power Electronics	Design and development of power controllers for Hybrid Electric Vehicles	Investigations on High efficient DC -DC converters	Design and development of controllers for Hybrid wind and PV based system	Investigations on Vector Control technique for synchronous machines
Mr Ashok Singh Chandawat	Assistant Professor	Image Processing	Cancer Detection and Classification	Image Processing	Tuning of Controller	Solar Power Equipment
Mr Sunil Kumar Sharma	Assistant Professor	Power System	Control Load Frequency in power system by different methodologies	Charging system for Electrical Vehicles	Power System Optimization	Power System Protection
Mr Vishal Sharma	Assistant Professor	Power System	Speed Control of DC motor	Distribution line design	Performance Analysis of SVC by Matlab simulation	Performance Analysis of STATCOM by Matlab simulation
Mr Shantilendra Shrivastava	Assistant Professor	Power System	Maximum power point tracking in grid connected solar power system.	Modelling and simulation of FACTS device for shunt compensation.	Modelling and simulation of DPFC for power oscillations damping.	Series voltage regulation for a distribution transformer to compensate voltage sag.
Ms Jisha Varghese	Assistant Professor	Electronics	Solar Energy Systems	Smart City	Smart Communication	Robotics and Drones
Ms Sonali Chadha	Assistant Professor	Demand Side Management	Demand Side management	Electric vehicles	energy management using	clean development mechanism
Mr L. Senthil	Assistant Professor	Power System	Microgrid	Power System with Matlab	Multilevel Inverter	Power System
Mr Vishnudutt Sharma	Assistant Professor	Power System	Simulation of photovoltaic Grid Connected Parallel-Load Resonant Inverter	Integration of Smart Grids to improve power quality	PV based MPPT techniques	Constant Power generation algorithms for photovoltaic systems
Mr Raman Singh	Assistant Professor	Power System	Optimal Pricing Strategy of Electric Vehicle Charging Station	Smart electric vehicle charging management for smart cities	Electric vehicles in smart grid: a survey on charging load modelling	Smart EV Charging Systems For Zero Emission

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<b>Department of Electrical Engineering</b>		

**Final Year Groups Information**

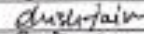
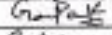


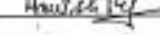
Group Information	Enrolment ID	Student Names
G1	18EJCEE003	ANISH JAIN
	18EJCEE020	GOURAV SHARMA
	18EJCEE042	MANISH PARJHAR
	18EJCEE018	GAURANG PAREEK
	18EJCEE034	KISHAN KUMAR MEENA
G2	18EJCEE004	ANSHUL BANSAL
	18EJCEE024	HARSHITA JAMER
	18EJCEE045	MILIND KUMAR
	18EJCEE019	GAUTAM KUMAR
	18EJCEE035	KUNDAN NAGAR
G3	18EJCEE008	ARJAN NYATI
	18EJCEE025	HIMANSHU SEN
	18EJCEE002	AMAN SHRIVASTAVA
	18EJCEE021	GOVINDA JADAM
	18EJCEE040	MANISH JAIN
G4	18EJCEE010	AYUSH ASWAL
	18EJCEE026	JAIDEEP GURJAR
	18EJCEE005	ANSHUMAN SHARMA
	18EJCEE022	HARSHIT JAIN
	18EJCEE043	MANOJ VAISHNAV
G5	18EJCEE011	BHANU SWARNKAR
	18EJCEE027	JASWANT SINGH
	18EJCEE006	ANURAG BOHARA
	18EJCEE028	JAWWAD HABIB
	18EJCEE001	AMAN PAREEK
G6	18EJCEE013	BHUPESH GOYAL
	18EJCEE031	KARTIK YADAV
	18EJCEE007	ARJUN SHARMA
	18EJCEE029	KAPIL GOYAL
	18EJCEE023	HARSHIT TIWARI
G7	18EJCEE014	CHANCHAL CHAUDHARY
	18EJCEE036	MADHUR GOYAL
	18EJCEE009	ARJIT JAIN
	18EJCEE030	KAPIL KUMAWAT
	18EJCEE038	MANAN JAIN
G8	18EJCEE015	CHIRAG SHARMA
	18EJCEE037	MAHIR ALI

	Jaipur Engineering College and Research Centre	Academic year 2021-2022
	Shri Ram kiNangal, via Sitapura RIICO Jaipur- 302 022. Department of Electrical Engineering	

PROJECT REGISTRATION FORM

Project Group Number: 01 (Gr-1)

Team members

Roll No.	Name of Student	Signature
18EJCEE003	Anish Jain	
18EJCEE018	Gaurang Pareek	
18EJCEE020	Gourav Sharma	
18EJCEE034	Kishankumar Meena	
18EJCEE042	Manish Parihar	

- Title of project:-Electric Vehicle Work Bench For Two Wheeler
- Type of Project: Fabrication / Design / Experimental / Theoretical / Industrial / Industrial Case Study / Industrial Survey / Industrial Management / Productivity / Robotics / Software and Other (specify): Experimental, Design
- Date of commencement: 11<sup>th</sup> of December
- Planned Duration: 4 to 5 months
- Brief Summary of Project:  
 Will be creating a prototype of electric vehicle for detailed/elaborative description of electric vehicle as well as quality check prototype which will help to rectify error in electrical components present in EV  
 EV is comprised of these parts basically.
  - Controller
  - Converter
  - Motor
  - Key-Fob
  - Cluster meter
  - Battery
  - Harness
  - Swing-arm (extension)


As per in case of electric vehicle range depends on the current/number of cells arranged in series so for example like battery having 48v24ah and 48v26ah will give different range on maximum attained speed of 40-45 Kmph.
- Name of supervisor: Gopal Tiwari (Assistant Professor, Electrical Department)

I agree to be supervisor of the projects

  
Project Coordinator


  
(Signature of the Supervisor)

## Details of Project Category\_2021-2022


 <small>JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE</small>	<b>Jaipur Engineering College and Research Centre</b> <b>Shri Ram ki Nangal, via Sitapura RIICO</b> <b>Jaipur- 302 022.</b>	<b>Academic year</b> <b>2021-2022</b>
<b>Department of Electrical Engineering</b>		

### Details of Project Category\_2021-2022


Group No	Name of student	Program	Title of project	Project Guide	Type
<b>G1</b>	18EJCEE003	ANISH JAIN	Electric Vehicle Work Bench for Two Wheeler	Mr Gopal Tiwari	Hardware based & Environment friendly
	18EJCEE020	GOURAV SHARMA			
	18EJCEE042	MANISH PARIHAR			
	18EJCEE018	GAURANG PAREEK			
	18EJCEE034	KISHAN KUMAR MEENA			
<b>G2</b>	18EJCEE004	ANSHUL BANSAL	Parameter Fencing Security System	Mr Gopal Tiwari	Software & Hardware Based
	18EJCEE024	HARSHITA JAMER			
	18EJCEE045	MILIND KUMAR			
	18EJCEE019	GAUTAM KUMAR			
	18EJCEE035	KUNDAN NAGAR			
<b>G3</b>	18EJCEE008	ARPAN NYATI	Air Purifier	Ms Sonali Chadha	Social & Hardware Based
	18EJCEE025	HIMANSHU SEN			
	18EJCEE002	AMAN SHRIVASTAVA			
	18EJCEE021	GOVINDA JADAM			
	18EJCEE040	MANISH JAIN			
<b>G4</b>	18EJCEE010	AYUSH ASWAL	Automatic Vehicle Accident Detection and Speed Alert System in Various Zones	Ms Jisha Varghese	Hardware & Software Based
	18EJCEE026	JAIDEEP GURJAR			
	18EJCEE005	ANSHUMAN SHARMA			
	18EJCEE022	HARSHIT JAIN			
	18EJCEE043	MANOJ VAISHNAV			
<b>G5</b>	18EJCEE011	BHANU SWARNKAR	Designing a GSM Based Voltage	Mr Vishal Sharma	Analytical & Hardware Based
	18EJCEE027	JASWANT SINGH			
	18EJCEE006	ANURAG BOHARA			

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<b>Department of Electrical Engineering</b>		


<b>G6</b>	18EJCEE028	JAWWAD HABIB	Single Stage Extendable modified H-Bridge inverter	Mr L. Senthil	Analytical Software Based
	18EJCEE001	AMAN PAREEK			
	18EJCEE013	BHUPESH GOYAL			
	18EJCEE031	KARTIK YADAV			
	18EJCEE007	ARJUN SHARMA			
<b>G7</b>	18EJCEE029	KAPIL GOYAL	Investigation of Converters for Electric Vehicle	Mr Ram Singh	Hardware & Analytical Based
	18EJCEE023	HARSHIT TIWARI			
	18EJCEE014	CHANCHAL CHOUDHARY			
	18EJCEE036	MADHUR GOYAL			
	18EJCEE009	ARPIT JAIN			
<b>G8</b>	18EJCEE030	KAPIL KUMAWAT	Question Paper Protection System	Mr L. Senthil	Hardware & Software Based
	18EJCEE038	MANAN JAIN			
	18EJCEE015	CHIRAG SHARMA			
	18EJCEE037	MAHIR ALI			
	18EJCEE012	BHAWANA			
<b>G9</b>	18EJCEE032	KARTIKEYA SUWALKA	Operation of DC-DC Converter integrated with PV system	Ms Neha Agrawal	Analytical & Hardware Based
	18EJCEE041	MANISH KUMAWAT			
	18EJCEE016	DIPENDRA CHHABA			
	18EJCEE039	MANISH GODARA			
	18EJCEE017	DIVYANSH GAUTAM			
<b>G10</b>	18EJCEE033	KHAGESH KUMAR GAUR	Solar PV Charging System Using PWM Controller	Mr Prerak Bhardwaj	Hardware & Software Based
	18EJCEE044	MEHUL KUMAWAT			
	18EJCEE052	NITESH CHAHAR			
	18EJCEE075	SHIVANG SHARMA			
	18EJCEE047	MOIN KHAN			
	18EJCEE065	RAJENDRA KUMAR RAWAT			

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G11	18EJCEE089	YASH PANWAR	Offshore Wind Power Generation Using Maximum Power Point Tracking Algorithm	Ms Neha Agrawal	Analytical & Software Based
	18EJCEE053	NITESH CHOUDHARY			
	18EJCEE076	SHOAIB AZIZ			
	18EJCEE050	NAMAN KHANDELWAL			
	18EJCEE069	RAVI CHOUDHARY			
	19EJCEE201	AKASH JAIN			
G12	18EJCEE054	PARUL DHAYAL	Contactless Charging of Electric Vehicle	Ms Nupur Yadav	Analytical & Hardware Based
	18EJCEE079	SHUBHAM MITTAL			
	18EJCEE051	NIDANT SHARMA			
	18EJCEE071	ROHIT CHAPOLA			
	19EJCEE202	ASHWIN SHARMA			
G13	18EJCEE056	PIYUSH SONI	Solar Powered Smart Agriculture Monitoring System	Ms Nupur Yadav	Hardware based & Environment friendly
	18EJCEE082	TUSHAR HEMNANI			
	18EJCEE055	PIYUSH GUPTA			
	18EJCEE074	SHASHANK SHARMA			
	19EJCEE203	NITESH SINGH RATHORE			
G14	18EJCEE061	RAGHAV BHARDWAJ	Smart Wi-Fi Enabled monitoring for Hybrid Power Generation and Controlled Battery Charging System	Mr Shailendra Srivastava	Hardware based & Environment friendly
	18EJCEE085	VIBHA YADAV			
	18EJCEE057	PRADUMAN SINGH RAJAWAT			
	18EJCEE078	SHUBHAM JAYANT			
	19EJCEE204	PRANSHU PAREEK			
G15	18EJCEE064	RAJAT SHARMA	Water level Management Using Ultrasonic sensor and Arduino	Ms Ritu Soni	Hardware Based
	18EJCEE086	VIDHI SHARMA			
	18EJCEE058	PRAVEEN PARIHAR			
	18EJCEE080	TANISHK CHOUDHARY			

	<b>Jaipur Engineering College and Research Centre</b> <b>Shri Ram ki Nangal, via Sitapura RIICO</b> <b>Jaipur- 302 022.</b>	<b>Academic year</b> <b>2021-2022</b>
	<b>Department of Electrical Engineering</b>	

G16	19EJCEE205	RAMESH CHAND BAIRWA	Multi input DC-DC converter for Hybrid Electric Vehicle	Dr Prerak Bhardwaj	Social & Software Based
	18EJCEE066	RAJESH KUMAR			
	18EJCEE087	VISHESH AGARWAL			
	18EJCEE059	PREKSHA AGRAWAL			
	18EJCEE081	TUSHAR CHOUDHARY			
	18EJCEE049	MUHAMMAD SHAVEZ KHAN			
G17	18EJCEE067	RAKSHIT PUROHIT	Breast Cancer Prediction using Machine Learning	Ms Nupur Yadav	Social, Analytical & Software Based
	18EJCEE300	ANUSHKA DUBEY			
	18EJCEE070	RAVI KUMAR YADAV			
	18EJCEE083	VAIBHAV JHAJHARIA			
	18EJCEE072	ROHIT KUMAR MEENA			
G18	18EJCEE060	PRIYANKA YADAV	Comparison and Tuning of PID Controller using Ziegler – Nichols and particle swarm optimization	Ms Ritu Soni	Software Based
	18EJCEE301	AKSHAY CHOUDHARY			
	18EJCEE062	RAGHVENDRA SINGH SHEKHAWAT			
	18EJCEE084	VASID ALI			
	18EJCEE077	SHUBHAM BHARGAVA			
G19	18EJCEE073	SAURABH AGRAWAL	Solar Powered Enabled Microgrid	Mr Sunil Sharma	Environmental & Hardware Based
	18EJCEE046	MOHIT SONI			
	18EJCEE063	RAHUL BAIRWA			
	18EJCEE088	VISHVESH SHARMA			
	18EJCEE090	YUVRAJ SINGH SHAKTAWAT			

 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
	Department of Electrical Engineering	

**NOTICE**

Ref: JECRC/EE/Project/2022/

Date: 10-02-2022

**Project-Synopsis Assessment**

It is to inform to all the registered students of VIII sem. (section A and B) that Project Synopsis Assessment will be held as given below:

Date	Day	Time	Lab Name	Venue	Group Nos.	Marks
15-02-2022	Tuesday	8:30AM to 3:30PM	Project-2 Lab	BLG-14,16	1-11	25
15-02-2022	Wednesday	8:30PM to 11:30 AM	Project-2 Lab	BLG-14,16	12-19	25

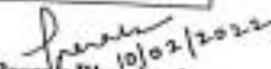
Note:

Members of all the groups will come with the following materials:

- (i) 10 minutes Power Point Presentation with one Laptop.
- (ii) Students will come in formals.

Panel of assessment will be:

Lab Name	Evaluators
Project-2 Lab	Dr. Prerak Bhardwaj
	Mr Gopal Tiwari
	Mr Vishal Sharma
	Mr Shailendra Srivastava

  
 10/02/2022  
 Dr Prerak Bhardwaj

(Head of the Electrical Engineering)

Copy to

1. Principal office
2. Project progress evaluators
3. All the project guides
4. Notice board -EE



#### 2.2.4. Initiatives related to industry interaction (15)



The educational reform of linking technical education with industry is one of the important educational innovations emerging in this country. Interaction between institute and industry is now widely recognized as an essential requirement to train and develop the right kind of man power necessary to sustain and promote industrial and economic growth. To strengthen interaction with industries and to keep our students updated with the latest trends in electrical engineering, the department has implemented following initiatives:

1. Department will soon going to sign a MoU with one Industry supported laboratory viz. Baba Automobile Research Laboratory (Equipment worth rupees 2.5 Lakh is provided by the Baba Automobile Pvt. Limited).
2. Training and activities are carried out through this laboratory for skill enhancement for students.
3. This laboratory is going to be utilized by the students during their project work and for analysis purpose for writing research papers.
4. Students also visit various industries after the end of fourth and Sixth semester for mandatory industrial training of 30 and 45 days is also serving as industry institute interaction.

5. Various industries do visit for campus recruitment for electrical engineering students and also provide feedbacks to the department on various issues.
  6. Some of the industrial visits and technical talks are the outcome of industry-institute relationship and are included as content beyond syllabus for knowledge enhancement. In the academic year 2018-19 and 2019-20, and 2021-2022 department has carried out below mentioned industrial visits.
  7. Department also going to sign MOU with Techienest for training on embedded system, python etc.
  8. Department collects the feedback from the students and necessary actions are taken.
  9. Skill enhancement of the students is also carried out through FACE academy and it is mandatory for all pre final year students.
- .

**JAI PUR ENGINEERING COLLEGE AND RESEARCH CENTRE (JECRC)**

Company Name: CAPU BANI

Name: ANI TAVAR

Designation: SENIOR PROJECT MANAGER

Email Address:

Contact No.:

No. of years associated with the Company:

Your feedback will help in academic/ innovative activities of this College.

	5 (Very High)	4 (High)	3 (Moderate)	2 (Low)	1 (Very Low)
Is University syllabus matching to your industrial requirements		✓			
students are technically sound			✓		
Students are analytically capable			✓		
Willing to come back to JECRC again		✓			
Will you recommend JECRC to other companies	→				
Students already working in your industry	NA				
How do you grade his Engineering Knowledge			✓		
How do you grade his competence (design and develop solution)				✓	
How do you grade his competence (investigation to complex problems)			✓		
How do you grade his competence (as working on modern tools)		✓			
How do you grade his competence (as engineer towards society)			✓		
How do you grade his competence (as individual and team work)	→ NA				
How do you grade his competence (during communication)	✓				
How do you grade his competence (as project management and finance)	→ NA				
How do you grade his competence (as lifelong learner)		✓			

  
 Signature

# JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE (JECRC)

## Company Feedback Form

Company Name: Pinnacle Infotech Solutions

Name: Subhash Yadav

e-mail Address: syadav@pinnaclecad.com

Designation: Manager-HR

Contact No.: 7412086210

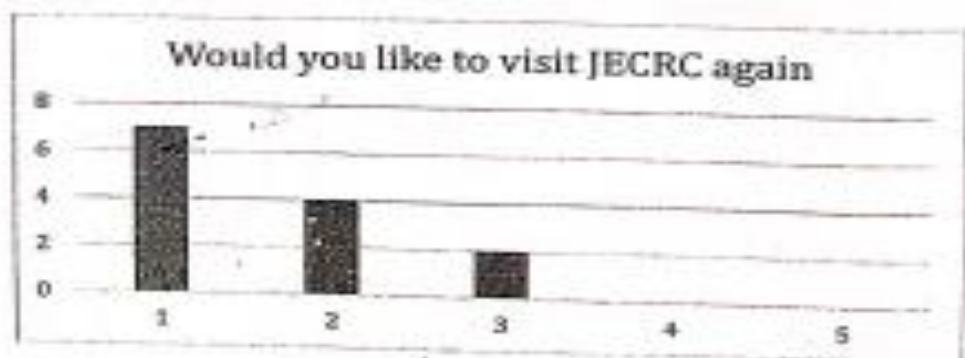
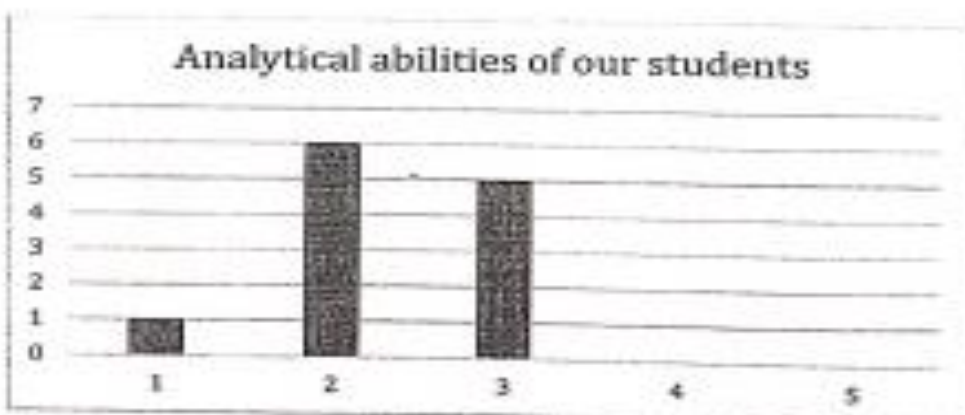
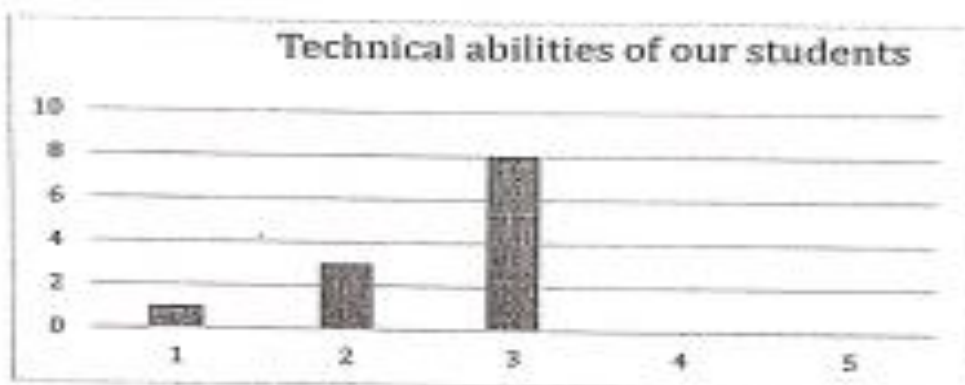
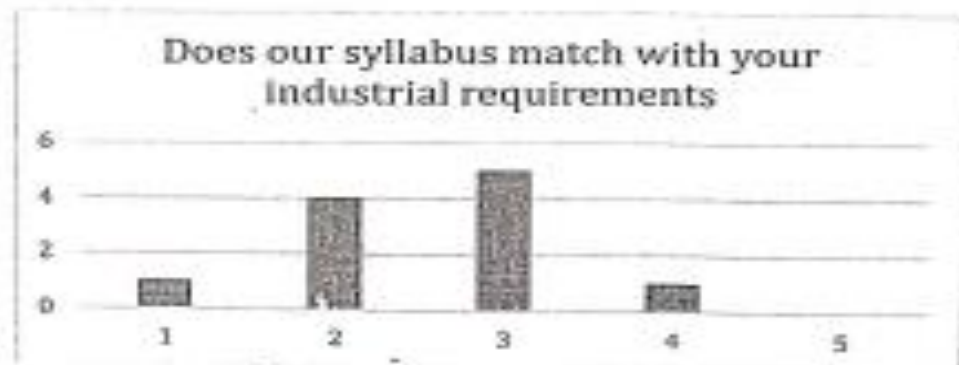
\* Tick one

	Satisfactory	Good	Very Good	Excellent
Infrastructure for the drive			✓	
Discipline		✓		
Logistics available during drive			✓	
Hospitality during the drive			✓	
Analytical capability of students		✓		
Communication skills		✓		
Any improvement suggested	NO			

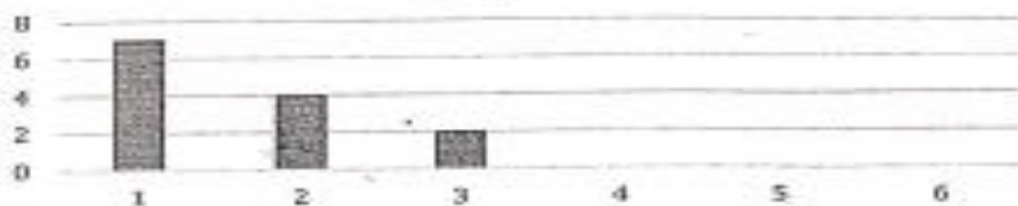
  
Signature

## Placement Cell, JECRC

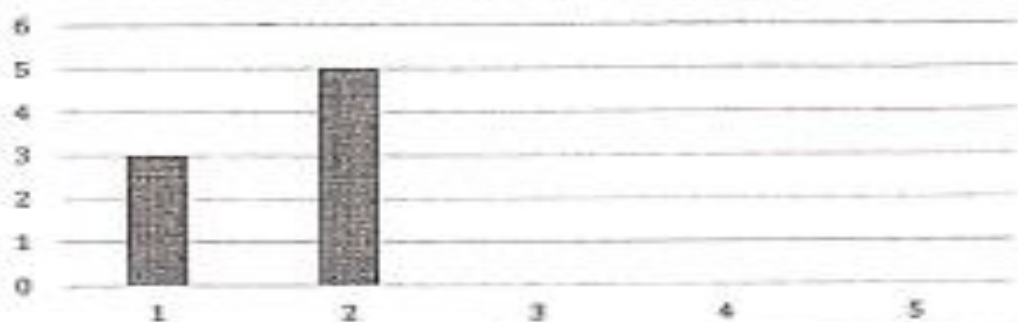
### Employer Feedback Analysis Report (2019-2020)



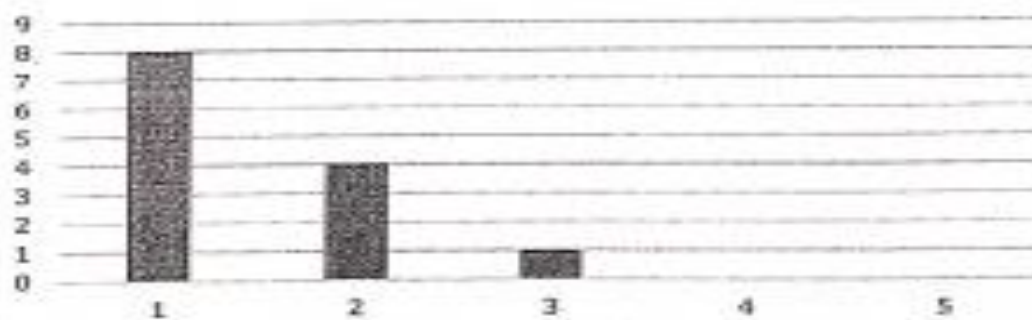
### Will you recommend JECRC to other companies



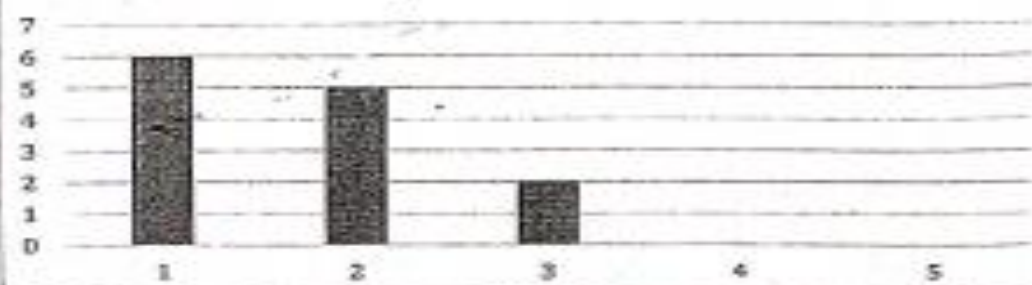
### How would you rate our students already working in your company



### Hospitality



### Overall experience at our institute



Director HR

Jaipur Engineering College & Research Centre, Jaipur

Subject: Corrective actions taken by the department for 2021 passing out batch students after getting the feedback from placement department for 2020 passed out Batch.

Respected Sir,

The Department of Electrical Engineering has taken the following corrective actions for 2021 passing out batch

1. To maximize the selection:

The activities have been started in VI semester

- Students have been motivated to register in TCS Code Vita and Accenture innovation challenge from third year onwards and also we are providing training.
- Based on the topics which are asked during coding competitions, classes were conducted in coordination with Placement training cell.

For 2021 passing out students.

1. Conducted 10 Days training program on C,C++,Soft skills and Self-paced learning from 05-08-2020 to 14-08-2020 in coordination with Placement training cell.
2. Conducted 09 hrs training program on Recruitment Essentials from 17-08-2020 to 19-08-2020 in coordination with Placement training cell.
3. Conducted 32 hrs LTI specific training program on communication and Soft skills from 31-08-2020 to 03-09-2020 in coordination with Placement training cell.
4. Conducted 32 hrs LTI specific training program on communication and Soft skills from 03-09-2020 to 05-09-2020 in coordination with Placement training cell.
5. Conducted Campus interchange program training program on 08-9-2020 in coordination with Placement training cell.
6. Conducted 2 daysDXC Technology specific training program from 19-09-2020 to 20-09-2020 in coordination with Placement training cell.
7. Conducted 48 hrs Company based training for TCS NQT from 13-10-2020 to 16-10-2020 in coordination with Placement training cell.
8. Conducted 48 hrs Company based training for Accenture from 17-10-2020 to 20-10-2020 in coordination with Placement training cell.
9. Conducted 8 hrs specific training program for TCS Digital from 24-11-2020 to 25-11-2020.
10. Conducted 2 Days Company based training for Wipro from 18-01-2021 to 19-01-2021 in coordination with Placement training cell.

11. In coordination with Mechanical Engineering Department we had a company specific training for Pinnacle India Ltd in this we had Group Discussion, technical interview, HR interview and Alumni Talk.
12. Department also conducted technical classes, group discussions, technical interviews, HR interviews from the expert from department and college and industrial Experts.
13. Department conducted sessions from alumni to motivate and guide the students for placements.
14. The Department of Electrical Engineering conducting Technical Event to improve student's technical skills.



L.Senthil

TPO, EE



Dr. Pterak Bhardwaj

HoD, EE

Head of the Department  
Electrical Engineering  
JECRC Jaipur



## Feedback of Industrial visit to Baba Automation

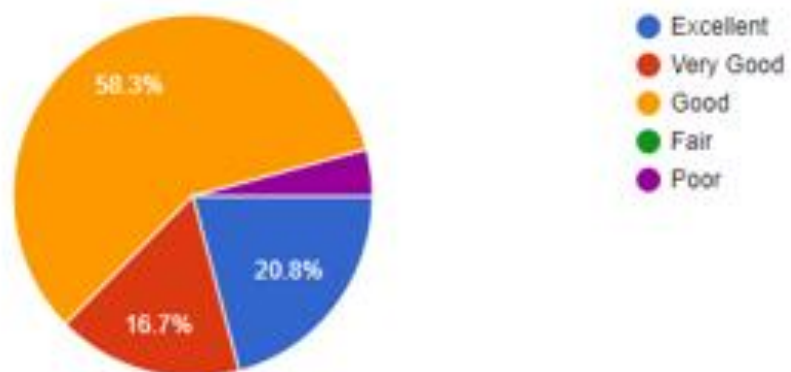
The objective of the industrial visit were clearly defined?(P02)

24 responses



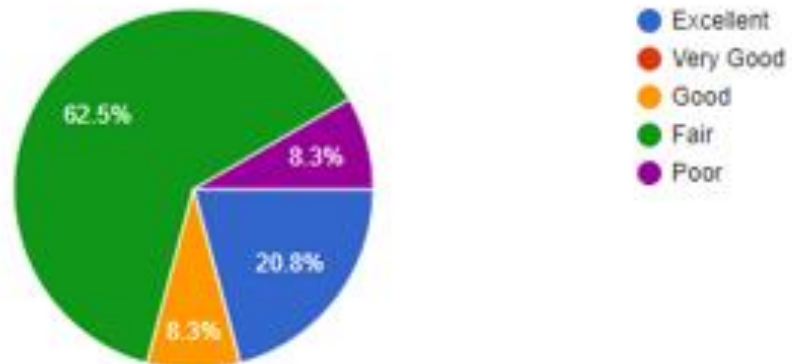
Relevance of the industrial visit with respect to your curriculum (P01, P02, P03)

24 responses



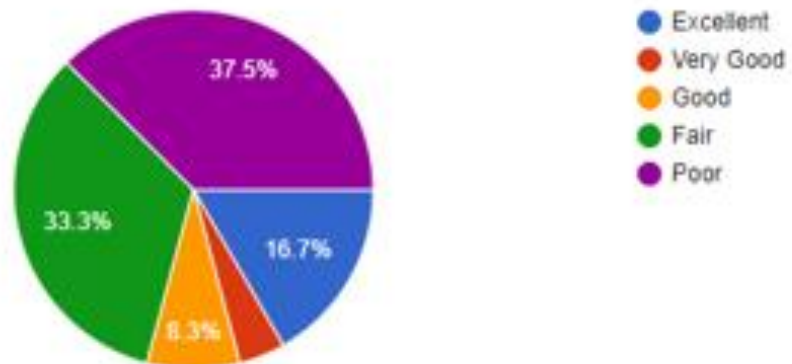
### Communication skills of the resource person

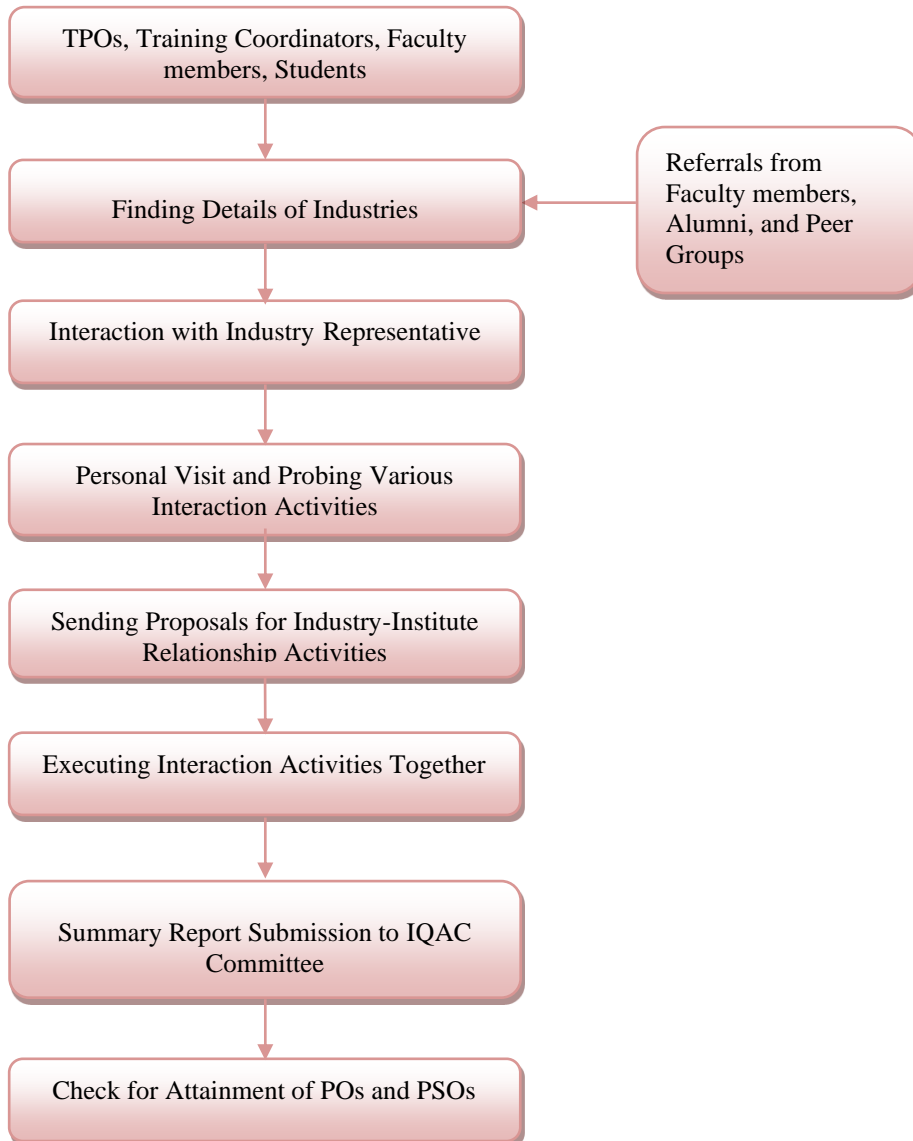
24 responses



### Technical Content covers by the expert

24 responses





**Procedure for the selection of industries for training**

## Industrial Visit

S. No	Industrial visit	Date	Name of organization	Resource person	Relevance to POs
<b>(2018-2019)</b>					
1	Industrial visit	14/07/2018	Saras Dairy, Jaipur	Manager	PO1, PO2, PO3, PO8, PO9, PO11
2	Industrial visit	26/11/2018 to 28/11/2018	Jaipur Exhibition & Convention Centre (JECC) Sitapura Industrial Area Jaipur, Rajasthan India	Hardeep Singh Puri (Housing and Urban Affairs minister) and Vaibhav Galriya (JDA commissioner)	PO5 PO6 PO7 PO8 PO9 PO10 PO11 PO12, PSO1
3	Industrial visit	12/10/2018 to 17/10/2018	Bhabha Atomic Research Centre, Mumbai	Senior Scientist	PO1, PO2, PO3, PO8, PO9, PO11, PSO2
4	Industrial visit	03/07/2018	RRV PNL 220 KV GSS Mansarovar, Jaipur	Mr. N. Vyas (Executive Engineer)	PO1, PO3, PO5, PO6, PO7, PO10, PO12
<b>2021-2022</b>					
5	Industrial visit	20-22/04/2022	Industrial visit at Bhartiya Skill Development University, Jaipur	Dr. Satyendra Singh and Dr. Avani	PO1, PO2, PO3, PO8, PO9, PO11



Jaipur Engineering College and Research Centre, Jaipur

Department of Electrical Engineering

Permission for Industrial Visit at Bhartiya Skill Development University, Jaipur

To,  
The Principal  
JECRC, Jaipur

Date: 19.04.2022

**Subject:** Regarding Permission for Industrial Visit at Bhartiya Skill Development University, Jaipur along with College Bus facility.

Respected Sir,

We are planning to visit Bhartiya Skill Development University, Mahindra World City, Jaipur with the III & IV year students of Electrical Engineering program on April 20, 21 and 22, 2022. The detail of the visit is as follows:

S.No.	Year	Semester	Section	Date	Day	Timings	Faculty Coordinators
1	IV <sup>th</sup>	VIII <sup>th</sup>	A&B	20-04-2022	Wednesday	9:00 AM-3:00 PM	Ms Sonali Chadha & Mr L.Senthil
2	III <sup>rd</sup>	VI <sup>th</sup>	A	21-04-2022	Thursday	9:00 AM-3:00 PM	Mr Shailendra Srivastava & Ms Nupur Yadav
3	III <sup>rd</sup>	VI <sup>th</sup>	B	22-04-2022	Friday	9:00 AM-3:00 PM	Ms Ritu Soni & Mr Vishal Sharma

This application is intended an approval and request for College bus facility from College to Bhartiya Skill Development University, Mahindra World City, Jaipur and return.

*Prerak*  
19/4/2022  
Dr. Prerak Bhardwaj  
Head of the Department  
(HOD EE, JECRC)  
Electrical Engineering  
JECRC Jaipur

*APP* *[Signature]*  
19/4/22  
Bus Incharge

# Jaipur Engineering College and Research Centre

## Department of Electrical Engineering

From: HOD EE, JECRC	To: Principal, JECRC
---------------------	----------------------

Date: 28.04.2022

**Subject:** For kind approval for a career seminar by PrepLadder for third year, VI semester students of Electrical Engineering.

Respected Sir,

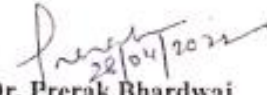
In this session experts from PrepLadder will discuss about how to learn and develop skills to succeed in IES, GATE, and UPSC etc. Department want to conduct this career seminar, for this we need your approval. The details of the seminar is as follows:

Date	Day	Time	Venue	Event Coordinators
29-04-2022	Friday	11:30 AM	Google Meet	Ms Jisha Varghese & Ms Neha Agrawal




Mr. Vishal Sharma

SDO EE Department

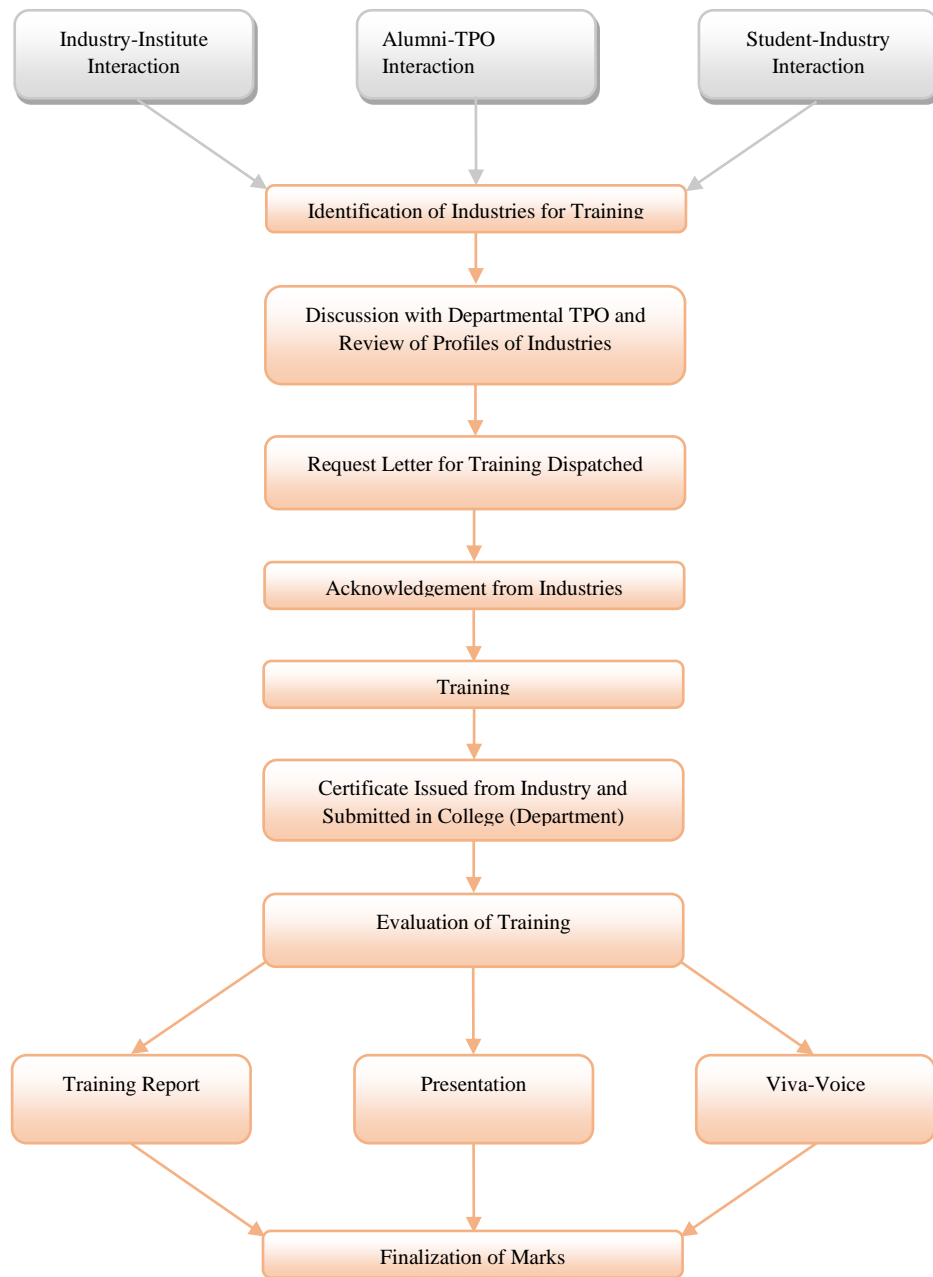


Dr. Prerak Bhardwaj

HOD EE Department

Approved.  
  
28/04/2022

### 2.2.5 Initiatives related to industry internship/summer training (15)



- Rajasthan Technical University provides minimum of 4 weeks of industrial training after fourth semester and 6 weeks of industrial training after sixth semester in the form of summer internship during its 4 year curriculum.
- Students are also encouraged to participate in industrial orientation programme from time to time.
- The process of allotment of summer internships is as follows:
  - ❖ Initially Department issue a letter for summer internship for every student.

- ❖ Students will show this letter to respective company/organization from where they want to pursue their training programme.
- ❖ Company will acknowledge to college (department) letter of summer training.
- ❖ Once the company approval comes, department will take review on that particular company profile and if it is found appropriate for training then only students are allowed to pursue their training from that company.
- ❖ After that, department issue approval letter for summer training.
- ❖ After completion of training, company issued a certificate or evaluation letter.
- ❖ Students have to submit their Xerox copy of summer training certificate.
- ❖ A presentation followed by viva-voce is taken on their summer training in next semester on which they have to submit a report.
- ❖ Final evaluation will be done and marks will be given for summer internship programme.

<b>Program Code</b>	<b>List of students undertaking project work/field work/internship</b>	<b>Link to the relevant document</b>
107	Akash jain	<a href="https://drive.google.com/open?id=1MUrj-X7iTz0UI0swRuqlvNwyYpZxizhV">https://drive.google.com/open?id=1MUrj-X7iTz0UI0swRuqlvNwyYpZxizhV</a>
107	Akshay Choudhary	<a href="https://drive.google.com/open?id=1aFjw4nZZ69QZt8CfiSGP9r8O8EQoaw2M">https://drive.google.com/open?id=1aFjw4nZZ69QZt8CfiSGP9r8O8EQoaw2M</a>
107	Aman Shrivastava	<a href="https://drive.google.com/open?id=1YnhrX9SQpkWy5LCGgH1M7N2boawHGaK5">https://drive.google.com/open?id=1YnhrX9SQpkWy5LCGgH1M7N2boawHGaK5</a>
107	Anish jain	<a href="https://drive.google.com/open?id=1vBWsFvrJwLUSULqgw4s6Zr8qQMyDZ_Qh">https://drive.google.com/open?id=1vBWsFvrJwLUSULqgw4s6Zr8qQMyDZ_Qh</a>
107	Anshuman Sharma	<a href="https://drive.google.com/open?id=14i1F52ZZK_yHeHSeK1ESpeTf_IYSEs1X">https://drive.google.com/open?id=14i1F52ZZK_yHeHSeK1ESpeTf_IYSEs1X</a>
107	Anurag Bohara	<a href="https://drive.google.com/open?id=1y90xYksdgmQE-8G_8eYjBFGO1h6c">https://drive.google.com/open?id=1y90xYksdgmQE-8G_8eYjBFGO1h6c</a>
107	Anushka Dubey	<a href="https://drive.google.com/open?id=1A9USEIV-8_mcM8h84qPF2kXDBaVmhtC">https://drive.google.com/open?id=1A9USEIV-8_mcM8h84qPF2kXDBaVmhtC</a>
107	Arjun Sharma	<a href="https://drive.google.com/open?id=1RRii3aEzPn4QmjFwhfhPljZ6r_QwnCtj">https://drive.google.com/open?id=1RRii3aEzPn4QmjFwhfhPljZ6r_QwnCtj</a>
107	Arpan Nyati	<a href="https://drive.google.com/open?id=1vLKplx3JSYjah-7O6vouyPkuYWwWlml">https://drive.google.com/open?id=1vLKplx3JSYjah-7O6vouyPkuYWwWlml</a>
107	Arpit Jain	<a href="https://drive.google.com/open?id=1AWMQm4POT4cJrRYxYm_8X3eL7OoJNKHU">https://drive.google.com/open?id=1AWMQm4POT4cJrRYxYm_8X3eL7OoJNKHU</a>
107	Ashwin sharma	<a href="https://drive.google.com/open?id=1rWlf2mleEXWSfGaQovlyRmqt_5aSR9jm">https://drive.google.com/open?id=1rWlf2mleEXWSfGaQovlyRmqt_5aSR9jm</a>
107	Ayush Aswal	<a href="https://drive.google.com/open?id=1SFP5iuZk6AYCbJMR_c3gAHPKQHLtd2_Z">https://drive.google.com/open?id=1SFP5iuZk6AYCbJMR_c3gAHPKQHLtd2_Z</a>



107	Bhanu swarnkar	<a href="https://drive.google.com/open?id=1Qk_76DlnIV8l_AncP7jHZVDt87A0sD8l">https://drive.google.com/open?id=1Qk_76DlnIV8l_AncP7jHZVDt87A0sD8l</a>
107	BHUPESH Goyal	<a href="https://drive.google.com/open?id=1ei8h3Prz5bZ9HF5SUI28_mW5zzyVQDHN">https://drive.google.com/open?id=1ei8h3Prz5bZ9HF5SUI28_mW5zzyVQDHN</a>
107	Chirag Sharma	<a href="https://drive.google.com/open?id=1K1W_r2T-d3e1acwHD1RoiLVpoVNvr8PS">https://drive.google.com/open?id=1K1W_r2T-d3e1acwHD1RoiLVpoVNvr8PS</a>
107	Dipendra chhaba	<a href="https://drive.google.com/open?id=1ztSxPMj2RZ6t1Ytgs2Gbjjy13DpC0ecb">https://drive.google.com/open?id=1ztSxPMj2RZ6t1Ytgs2Gbjjy13DpC0ecb</a>
107	Gaurang Pareek	<a href="https://drive.google.com/open?id=1lg6peNLI5oXKEHKhgwMJHZIZjVnTlqIX">https://drive.google.com/open?id=1lg6peNLI5oXKEHKhgwMJHZIZjVnTlqIX</a>
107	Gautam Kumar	<a href="https://drive.google.com/open?id=1czOjwlsKKqsBWFctx9IVVu5ls6dbQ4Sh">https://drive.google.com/open?id=1czOjwlsKKqsBWFctx9IVVu5ls6dbQ4Sh</a>
107	Gourav Sharma	<a href="https://drive.google.com/open?id=1i7EoiE_ZuvCIVDkGHpRSn9KKB8635Ljk">https://drive.google.com/open?id=1i7EoiE_ZuvCIVDkGHpRSn9KKB8635Ljk</a>
107	Govinda jadam	<a href="https://drive.google.com/open?id=1l8uOjbdhi08poQhLWDjfyC3ym-SFJg6l">https://drive.google.com/open?id=1l8uOjbdhi08poQhLWDjfyC3ym-SFJg6l</a>
107	Harshit Jain	<a href="https://drive.google.com/open?id=1NqJJ5GRi4hRBFVhXXwZUOMnVk3FUoFB">https://drive.google.com/open?id=1NqJJ5GRi4hRBFVhXXwZUOMnVk3FUoFB</a>
107	Harshit Tiwari	<a href="https://drive.google.com/open?id=1PEiBl_BXlx0hyiucMnK4QkuLem-vRSFx">https://drive.google.com/open?id=1PEiBl_BXlx0hyiucMnK4QkuLem-vRSFx</a>
107	Himanshu sen	<a href="https://drive.google.com/open?id=1Opr32-XYpfdrbmbLaQkZhPDLfzdQAdyX">https://drive.google.com/open?id=1Opr32-XYpfdrbmbLaQkZhPDLfzdQAdyX</a>
107	Jaideep Gurjar	<a href="https://drive.google.com/open?id=1rwT0NWygs8YABSbYMGksPD3pF-ctG3pt">https://drive.google.com/open?id=1rwT0NWygs8YABSbYMGksPD3pF-ctG3pt</a>
107	Jaswant Singh	<a href="https://drive.google.com/open?id=1UvrXHWLZzag41RWYF77UjppW4F5Dzrq">https://drive.google.com/open?id=1UvrXHWLZzag41RWYF77UjppW4F5Dzrq</a>
107	Jawwad Habib	<a href="https://drive.google.com/open?id=1Dz1XhxG8K1oKotaV8goIM_6ghJhLF-CP">https://drive.google.com/open?id=1Dz1XhxG8K1oKotaV8goIM_6ghJhLF-CP</a>
107	Kapil Goyal	<a href="https://drive.google.com/open?id=1BMbYnB5L7oaZYlJul1PIZQP_XNb-Tq45">https://drive.google.com/open?id=1BMbYnB5L7oaZYlJul1PIZQP_XNb-Tq45</a>
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107	Kunal Sharma	<a href="https://drive.google.com/open?id=1osUXHbaBEiWf8RSndNDsaKtGqtuvdAR2">https://drive.google.com/open?id=1osUXHbaBEiWf8RSndNDsaKtGqtuvdAR2</a>
107	Kushal Kanungo	<a href="https://drive.google.com/open?id=177FNGIX6OOfGBCU3-wsax4RVKuphIbKM">https://drive.google.com/open?id=177FNGIX6OOfGBCU3-wsax4RVKuphIbKM</a>
107	Lakhan sharma	<a href="https://drive.google.com/open?id=1UJ5epHE5WYZkffOP_JqDzuiYpMk7m48S">https://drive.google.com/open?id=1UJ5epHE5WYZkffOP_JqDzuiYpMk7m48S</a>
107	Lakhan sharma	<a href="https://drive.google.com/open?id=1gpuMLvofMVhqTPYM3WN7ugmvOGKPBTLI">https://drive.google.com/open?id=1gpuMLvofMVhqTPYM3WN7ugmvOGKPBTLI</a>

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107	Mahendra kumar	<a href="https://drive.google.com/open?id=1djN_GSxmtnO1udiSRFDUpbmhvlApV1D9">https://drive.google.com/open?id=1djN_GSxmtnO1udiSRFDUpbmhvlApV1D9</a>
107	Mahi Tak	<a href="https://drive.google.com/open?id=146cmv9lIfRi3oELPoygmPR2WAuTWoQX">https://drive.google.com/open?id=146cmv9lIfRi3oELPoygmPR2WAuTWoQX</a>
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107	Manan Sharma	<a href="https://drive.google.com/open?id=1EBpbrOF63-KGwxDP20mS1ijtNcfXVTk9">https://drive.google.com/open?id=1EBpbrOF63-KGwxDP20mS1ijtNcfXVTk9</a>
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107	Sarthak Joshi	<a href="https://drive.google.com/open?id=1YFKXBfYQeuzuOza9vjam5VcYbvpZt1-b">https://drive.google.com/open?id=1YFKXBfYQeuzuOza9vjam5VcYbvpZt1-b</a>
107	Shalini Fatehpuriya	<a href="https://drive.google.com/open?id=1eInCCJ_1t-5HFX2p29zpkYWb680Mf4OM">https://drive.google.com/open?id=1eInCCJ_1t-5HFX2p29zpkYWb680Mf4OM</a>
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107	Sudhanshu Choursiya	<a href="https://drive.google.com/open?id=16F_r_fLZbyNZhUmRJinwYHeY8Si7bSeg">https://drive.google.com/open?id=16F_r_fLZbyNZhUmRJinwYHeY8Si7bSeg</a>
107	Sumit Barolia	<a href="https://drive.google.com/open?id=1SLKXatYzkHcYKr70y31eSIFnqchYIbmq">https://drive.google.com/open?id=1SLKXatYzkHcYKr70y31eSIFnqchYIbmq</a>
107	Surbhit khandelwal	<a href="https://drive.google.com/open?id=1ZVx1GfV_yYJgd6ba0D-UoJ6uh56vuDTT">https://drive.google.com/open?id=1ZVx1GfV_yYJgd6ba0D-UoJ6uh56vuDTT</a>
107	Tanuj Rawat	<a href="https://drive.google.com/open?id=1tWl6ozyFGpU47HlxWRYfiQ4GYc9yZ8sq">https://drive.google.com/open?id=1tWl6ozyFGpU47HlxWRYfiQ4GYc9yZ8sq</a>
107	Tanuj Rawat	<a href="https://drive.google.com/open?id=1NCedMQ_QmA7iL6Gx8wSsaXN-kOuwbyNs">https://drive.google.com/open?id=1NCedMQ_QmA7iL6Gx8wSsaXN-kOuwbyNs</a>
107	Tanuj Rawat	<a href="https://drive.google.com/open?id=16mHJfydk696y7zZtjyghB1Dpr92sNW-M">https://drive.google.com/open?id=16mHJfydk696y7zZtjyghB1Dpr92sNW-M</a>
107	vivek shyara	<a href="https://drive.google.com/open?id=1FpjOeaMPwF5Bc3LzGBW7VyKQCjt3QkMC">https://drive.google.com/open?id=1FpjOeaMPwF5Bc3LzGBW7VyKQCjt3QkMC</a>
107	vivek shyara	<a href="https://drive.google.com/open?id=1lrASq6giUJ4enkGc8jasfxP6QJNdNHC8">https://drive.google.com/open?id=1lrASq6giUJ4enkGc8jasfxP6QJNdNHC8</a>
107	Vyom Pundhir	<a href="https://drive.google.com/open?id=1Pcqap3GJ2nlWORT3A9iB5kRW2Evh5mAi">https://drive.google.com/open?id=1Pcqap3GJ2nlWORT3A9iB5kRW2Evh5mAi</a>
107	Yashvant Jangid	<a href="https://drive.google.com/open?id=13VxdDzNnek_94-uTYKB3kUNbxPfkNIK3">https://drive.google.com/open?id=13VxdDzNnek_94-uTYKB3kUNbxPfkNIK3</a>
107	YUKTI CHOUDHARY	<a href="https://drive.google.com/open?id=1VbNQy-HR9yZMw8laqjRBUZooeae59bKA">https://drive.google.com/open?id=1VbNQy-HR9yZMw8laqjRBUZooeae59bKA</a>
107	Yuvraj singh gour	<a href="https://drive.google.com/open?id=14D3PWYtV98kMulXymRkmMvXj5LEQO9av">https://drive.google.com/open?id=14D3PWYtV98kMulXymRkmMvXj5LEQO9av</a>
107	Aaditya Nagar	<a href="https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing">https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing</a>
107	AbhishekBairwa	<a href="https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing">https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing</a>
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107	jatingarg	<a href="https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing">https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing</a>
107	Jitender Singh Yadav	<a href="https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing">https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing</a>
107	JyotiKaushik	<a href="https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing">https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing</a>
107	KirtiNama	<a href="https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing">https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing</a>
107	Kirti Singh	<a href="https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing">https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing</a>
107	Lakshita Sharma	<a href="https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing">https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing</a>
107	Laveshgarg	<a href="https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing">https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing</a>
107	Lokeshkumar	<a href="https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing">https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing</a>
107	Nitishjain	<a href="https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing">https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing</a>
107	Payal	<a href="https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing">https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing</a>
107	Piyushkumawat	<a href="https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing">https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing</a>
107	PrachiMalhotra	<a href="https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing">https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing</a>
107	PriyalMathur	<a href="https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing">https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing</a>

107	PriyankaHarchandani	<a href="https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing">https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing</a>
107	Priyanshikhandelwal	<a href="https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing">https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing</a>
107	PriyulAgrawal	<a href="https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing">https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing</a>
107	RohitPrajapati	<a href="https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing">https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing</a>
107	SachinMeghwanshi	<a href="https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing">https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing</a>
107	SakshiSarotiya	<a href="https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing">https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing</a>
107	Sanjay Nitharwal	<a href="https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing">https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing</a>
107	Sanskriti Mittal	<a href="https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing">https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing</a>
107	SAPNA MEENA	<a href="https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing">https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing</a>
107	Shashankjain	<a href="https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing">https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing</a>
107	ShivdayalDhakar	<a href="https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing">https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing</a>
107	ShubhamSaxena	<a href="https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing">https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing</a>
107	Siddharthjain	<a href="https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing">https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing</a>
107	SumitHanda	<a href="https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing">https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing</a>
107	Sunny Salvi	<a href="https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing">https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing</a>
107	Tanushreebharadwaj	<a href="https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing">https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing</a>
107	Tejpal Singh Rathore	<a href="https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing">https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing</a>
107	UtkarshGujral	<a href="https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing">https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing</a>
107	UtkarshMathur	<a href="https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing">https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing</a>
107	Varun Sharma	<a href="https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing">https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing</a>
107	Vikashchoudhary	<a href="https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing">https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing</a>
107	Vishal Didwaniya	<a href="https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing">https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing</a>
107	Visheshjha	<a href="https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing">https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing</a>
107	VivekkumarNagda	<a href="https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing">https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing</a>
107	YuvrajDeovanshi	<a href="https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing">https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing</a>

107	Yuvraj Singh	<a href="https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing">https://drive.google.com/drive/folders/16-AjZK0i0usTFQYfb1Bb-WH_Z0ewyTas?usp=sharing</a>



CRITERION 03	Course Outcomes (CO's) & Program Outcomes (PO's)	120
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### 3. COURSE OUTCOMES AND PROGRAM OUTCOMES (120)

#### 3.1. Establish the correlation between the courses and the Program Outcomes (PO's) and Program Specific Outcomes (PSO's)

##### Program Outcomes

1. **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems in Electrical Engineering.
2. **Problem analysis:** Identify, formulate, research literature, and analyze complex Electrical Engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. **Design/development of solutions:** Design solutions for complex Electrical 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 in Electrical Engineering.
5. **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex Electrical 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 Electrical Engineering practice.
7. **Environment and sustainability:** Understand the impact of the professional Electrical 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 Electrical 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 Electrical Engineering.
10. **Communication:** Communicate effectively on complex Electrical 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 Electrical 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 Electrical Engineering.

**PSO-Program Specific Objectives**

1. **PSO1** Graduates will be able to contribute for the development of automation.
2. **PSO2** Graduates will be able to contribute towards integration of the green energy.

**3.1.1 Course Outcomes (COs) (05)**

After successful completion of this course student will be able.....

**1<sup>st</sup> Semester Subjects**

Subject: **BASIC ELECTRICAL ENGINEERING**

Code: 1FY3-08

<b>CO1</b>	Analyze the DC and AC electrical circuits using network theorems.
<b>CO2</b>	Understand the construction and working principle of the transformer, AC and DC rotating machines.
<b>CO3</b>	Understand the concepts of power converters and switchgear requirements.

**2<sup>nd</sup> Semester Subjects**

Subject: **BASIC ELECTRICAL ENGINEERING**

Code: 1FY3-09

<b>CO1</b>	Analyze the DC and AC electrical circuits using network theorems.
<b>CO2</b>	Understand the construction and working principle of the transformer, AC and DC rotating machines.
<b>CO3</b>	Understand the concepts of power converters and switchgear requirements.

**3<sup>rd</sup> Semester Subjects**

Subject- **Electrical Machine - I (E/MC -1)**

Code-3EE4-07

<b>CO1</b>	To understand the basic concept of AC Machine (Transformer) and DC machine.
<b>CO2</b>	Analysis the response of AC/DC electrical Machine.
<b>CO3</b>	To troubleshoot the operation of electrical Machine.

### 4<sup>th</sup> Semester Subjects

Subject- **Signals & Systems (SS)**

Code-4EE4-07

CO1	Analyze different types of signals and system properties and Investigate whether the system is stable.
CO2	Represent continuous and discrete systems in time and frequency domain using different transforms
CO3	Acquire an understanding of Sampling and reconstruction of a signal.

### 5<sup>th</sup> Semester Subjects

Subject-**Control System (CS)**

Code-5EE4-03

CO1	Understand concepts of the feedback control, stability, mathematical modelling, controllability, observability, continuous and discrete time system.
CO2	Employ time and frequency response analysis to predict and diagnose stability and performance parameters of the system for standard input functions.
CO3	Design and implement P-I-D controllers, lead-lag compensator, feedback controller and state model for a given system of equations. Solve linear, non-linear and optimal complex control problems.

### 6<sup>th</sup> Semester Subjects

Subject-**Power System Protection**

Code-6EE4-03

CO1	Acquire detailed knowledge on different Protective Equipment's of Protection system.
CO2	Ability to identify Protection Schemes, Fourier analysis and estimation of Phasors from DFT.
CO3	Develop and design of Modeling and simulation of protection.

### 7<sup>th</sup> Semester Subjects

Subject- **Wind and Solar Energy System**

Code-7EE5-11

CO1	Define basic properties of different renewable sources of energy and technologies for their utilization.
CO2	Describe main elements of technical systems designed for utilization of renewable sources of energy and explain the correlation between different operational parameters

CO3	Select engineering approach to problem solving when implementing the projects on renewable sources
-----	--

### 8<sup>th</sup> Semester Subjects

Subject- **Energy Management**

Code-8AG6-60.1

CO1	Conceptual knowledge of the technology, economics and regulation related issues associated with energy conservation and energy auditing
CO2	Acquired the expertise and skills needed for the energy monitoring, auditing and management, and for the development, implementation, maintenance and auditing of Energy Management Systems
CO3	Become capable of analysis and design of energy conversion systems and also have acquired skills in the scientific and technological communications, and in the preparation, planning and implementation of energy projects

**Table B.3.1.1**

**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)**

### 3<sup>rd</sup> Semester Subjects

Subject- **Electrical Machine - I (E/MC -1)**

Code-3EE4-07

Subject Code	COs	Program Outcomes (POs)											
		PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
3EE4-07	CO-1	3	3	2	2	1	0	1	0	1	2	1	2
	CO-2	3	3	2	2	1	0	1	0	1	2	1	2
	CO-3	3	3	2	2	1	0	1	0	1	2	1	2

### 4<sup>th</sup> Semester Subjects

Subject- **Signals & Systems (SS)**

Code-4EE4-07

Subject Code	COs	Program Outcomes (POs)											
		PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
4EE4-07	CO-1	3	3	3	2	2	2	2	1	1	2	1	3
	CO-2	2	3	3	2	2	2	2	1	1	2	1	3
	CO-3	3	3	3	2	2	2	2	1	1	2	1	3

### 5<sup>th</sup> Semester Subjects

**Subject-Control System (CS)**

Code-5EE4-03

Subject Code	COs	Program Outcomes (POs)											
		PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
5EE4-03	CO-1	3	2	3	1	1	2	2	-	-	-	2	3
	CO-2	3	1	2	1	2	2	-	-	1	-	1	2
	CO-3	3	3	3	1	2	2	1	-	1	-	2	3

**6<sup>th</sup> Semester Subjects**

**Subject-Power System Protection**

Code-6EE4-03

Subject Code	COs	Program Outcomes (POs)											
		PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
6EE4-03	CO-1	3	3	3	3	-	2	-	-	-	-	2	3
	CO-2	3	2	2	2	-	2	-	-	-	-	1	3
	CO-3	3	2	1	1	-	1	-	-	-	-	2	3

**7<sup>th</sup> Semester Subjects**

**Subject- Wind and Solar Energy System**

Code-7EE5-11

Subject Code	COs	Program Outcomes (POs)											
		PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
7EE5-11	CO-1	3	2	2	3	1	2	1	1	1	2	2	3
	CO-2	3	3	3	3	1	1	1	1	1	2	2	3
	CO-3	3	2	3	3	1	2	2	1	1	2	2	3

**8<sup>th</sup> Semester Subjects**

**Subject- Energy Management**

Code-8AG6-60.1

Subject Code	COs	Program Outcomes (POs)											
		PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
8AG6-60.1	CO-1	3	2	2	1	2	2	2	2	2	2	2	3
	CO-2	3	2	2	2	2	2	2	2	2	2	2	3
	CO-3	3	2	2	2	2	2	2	2	3	2	2	3

**Table B.3.1.2a**

## MAPPING OF PSO's –CO's

### 3<sup>rd</sup> Semester Subjects

Subject- **Electrical Machine - I (E/MC -1)**

Code-3EE4-07

Subject Code	COs	Program Specific Outcomes (PSOs)	
		PSO-1	PSO-2
3EE4-07	CO-1	1	1
	CO-2	1	1
	CO-3	1	1

### 4<sup>th</sup> Semester Subjects

Subject- **Signals & Systems (SS)**

Code-4EE4-07

Subject Code	COs	Program Specific Outcomes (PSOs)	
		PSO-1	PSO-2
4EE4-07	CO-1	2	1
	CO-2	2	1
	CO-3	2	1

### 5<sup>th</sup> Semester Subjects

Subject- **Control System (CS)**

Code-5EE4-03

Subject Code	COs	Program Specific Outcomes (PSOs)	
		PSO-1	PSO-2
5EE4-03	CO-1	3	2
	CO-2	3	2
	CO-3	3	2

### 6<sup>th</sup> Semester Subjects

Subject- **Power System Protection**

Code-6EE4-03

Subject Code	COs	Program Specific Outcomes (PSOs)	
		PSO-1	PSO-2
6EE4-03	CO-1	1	1
	CO-2	1	1

	CO-3	1	1
--	------	---	---

### 7<sup>th</sup> Semester Subjects

Subject- Wind and Solar Energy System

Code-7EE5-11

Subject Code	COs	Program Specific Outcomes (PSOs)	
		PSO-1	PSO-2
7EE5-11	CO-1		
	CO-2		
	CO-3		

### 8<sup>th</sup> Semester Subjects

Subject- Energy Management

Code-8AG6-60.1

Subject Code	COs	Program Specific Outcomes (PSOs)	
		PSO-1	PSO-2
8AG6-60.1	CO-1	2	1
	CO-2	2	1
	CO-3	2	1

**Table B.3.1.2b**

### 3.1.3. Program level Course-PO matrix of all courses INCLUDING first year Courses

(10)

Subject Code	Program Outcomes (POs)											
	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
1FY3-08	2.66	2.33	1	1.33	1.33	0	0	0	2	0.33	0	0
3EE2-01	3.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	1.00
3EE1-02	0.00	1.00	0.00	2.67	0.00	2.00	1.33	1.00	1.00	3.00	2.00	1.00
3EE3-04	3.00	2.00	1.67	1.33	1.00	2.33	1.67	1.00	1.00	2.33	1.00	2.33
3EE4-05	2.67	2.33	1.33	1.67	1.33	1.33	0.00	0.00	2.33	1.00	0.00	0.00
3EE4-06	3.00	2.33	1.67	2.00	1.67	2.00	1.67	2.00	1.00	2.00	1.00	2.00
3EE4-07	3.00	3.00	2.00	2.00	1.67	1.67	2.00	1.67	2.00	2.00	2.33	2.00
3EE4-08	3.00	2.33	1.67	1.00	0.00	1.00	2.00	1.00	3.00	2.00	2.00	1.67
3EE4-21	2.75	2.00	3.00	2.25	2.75	2.00	1.00	2.00	1.25	2.00	1.50	3.00
3EE4-22	2.67	2.00	2.00	1.67	1.00	1.33	0.00	1.00	1.00	0.00	0.00	1.33
3EE4-23	3.00	2.00	1.67	1.00	2.33	2.67	2.33	1.00	1.00	1.00	1.00	3.00

3EE7-30	3.00	2.50	1.50	3.00	2.50	1.50	2.00	0.00	1.00	0.00	1.00	1.00
4EE2-01	3.00	3.00	2.50	3.00	3.00	3.00	2.50	3.00	0.00	2.00	0.00	3.00
4EE1-03	2.50	3.00	2.00	2.25	2.25	2.75	2.25	2.75	2.50	2.00	3.00	2.50
4EE3-04	3.00	2.33	2.67	1.00	1.00	2.00	1.67	2.00	1.00	2.00	2.00	3.00
4EE4-05	3.00	3.00	1.00	2.00	1.67	2.00	1.67	2.00	1.00	2.00	1.00	2.00
4EE4-06	3.00	2.67	2.00	2.00	1.67	1.00	1.00	1.00	1.00	2.00	1.33	3.00
4EE4-07	2.67	3.00	3.00	2.00	2.00	2.00	2.00	1.00	1.00	2.00	1.00	3.00
4EE4-08	3.00	2.67	2.33	2.00	2.50	2.67	3.00	1.50	1.00	1.50	2.00	3.00
4EE4-21	2.67	2.67	2.00	2.00	2.00	2.33	1.67	2.33	2.33	2.00	2.33	3.00
4EE4-22	3.00	2.00	2.00	1.00	2.00	2.00	2.00	1.00	2.00	2.00	1.00	2.00
4EE4-23	3.00	2.75	2.75	3.00	3.00	1.25	1.75	1.00	3.00	2.00	3.00	3.00
4EE4-24	3.00	2.33	1.67	1.33	2.67	1.33	1.33	1.00	2.33	1.67	2.00	1.67
5EE3-01	3.00	3.00	1.00	1.00	1.33	2.00	3.00	2.00	1.00	2.00	1.00	2.00
5EE4-02	3.00	2.00	2.00	2.33	2.33	2.33	2.33	1.00	1.00	2.00	2.00	3.00
5EE4-03	3.00	2.00	2.67	1.00	1.67	2.00	1.50	0.00	1.00	0.00	1.67	2.67
5EE4-04	2.33	3.00	3.00	2.00	3.00	2.00	2.00	1.00	2.33	1.00	2.00	2.00
5EE4-05	3.00	3.00	3.00	2.67	1.00	2.00	2.00	2.00	1.00	2.00	1.00	2.00
5EE5-11	2.67	2.33	1.00	1.33	1.33	0.00	0.00	0.00	2.00	1.00	0.00	0.00
5EE4-21	3.00	2.00	2.00	2.50	3.00	1.00	1.00	1.50	1.00	1.50	1.50	3.00
5EE4-22	3.00	2.33	2.00	1.67	2.67	0.00	1.00	0.00	2.33	1.33	1.00	2.33
5EE4-23	2.33	2.67	2.33	2.67	2.33	2.33	2.33	2.67	2.33	2.67	2.33	3.00
5EE4-24	2.00	3.00	3.00	2.00	3.00	1.00	0.00	0.00	1.00	0.00	1.00	2.00
5EE7-30	3.00	3.00	3.00	2.33	2.67	2.33	1.67	1.00	3.00	2.00	3.00	3.00
6EE3-01	3.00	2.25	2.25	1.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	2.00
6EE4-02	3.00	2.67	2.00	2.00	1.33	1.50	0.00	0.00	2.00	1.00	1.33	3.00
6EE4-03	3.00	2.33	2.00	2.00	0.00	1.67	0.00	0.00	0.00	0.00	1.67	3.00
6EE4-04	3.00	2.67	2.67	2.00	2.33	3.00	3.00	2.67	3.00	2.33	2.33	3.00
6EE4-05	3.00	1.67	2.00	2.00	2.00	2.00	2.33	1.33	2.00	2.33	2.00	1.33
6EE5-13	3.00	3.00	3.00	2.00	2.50	2.67	3.00	1.50	0.00	2.00	3.00	3.00
6EE4-21	3.00	3.00	1.67	1.67	3.00	1.00	2.00	1.00	1.00	1.00	1.00	2.00
6EE4-22	3.00	2.00	2.00	2.67	3.00	1.00	1.00	1.67	1.00	1.33	1.33	3.00
6EE4-23	3.00	3.00	2.50	1.00	2.00	3.00	1.00	1.00	1.00	1.00	3.00	3.00
6EE4-24	3.00	3.00	3.00	1.67	3.00	2.00	1.00	0.00	1.00	0.00	1.00	1.33
7EE5-11	3.00	2.33	2.67	3.00	1.00	1.67	1.33	1.00	1.00	2.00	2.00	3.00
7CE6-60.1	3.00	2.33	2.00	1.67	2.00	3.00	3.00	3.00	2.33	2.00	2.00	3.00
7EE4-21	2.00	0.00	0.00	2.50	3.00	0.00	0.00	3.00	3.00	2.00	1.00	3.00
7EE4-22	3.00	1.67	1.00	1.00	3.00	1.33	1.33	1.33	1.33	1.33	2.00	3.00
7EE7-30	2.67	2.00	1.67	1.67	2.33	2.67	2.33	1.33	1.00	1.00	1.00	2.00
7EE7-40	2.00	2.00	1.67	1.67	1.67	1.33	1.00	1.00	1.00	2.67	1.00	1.67
8EE4-11	3.00	3.00	3.00	2.50	0.00	1.50	2.00	1.00	1.00	1.00	1.00	2.00
8AG6-60.1	3.00	2.00	2.00	1.67	2.00	2.00	2.00	2.00	2.33	2.00	2.00	3.00



<b>8EE4-21</b>	3.00	3.00	3.00	1.00	3.00	1.50	2.00	1.00	1.00	1.00	2.00	3.00
<b>8EE7-50</b>	2.33	2.67	2.33	2.33	2.33	2.33	2.33	2.67	2.33	2.67	2.33	3.00

*Table B.3.1.3a*

**Program level Course-PSO matrix of all courses INCLUDING first year courses**

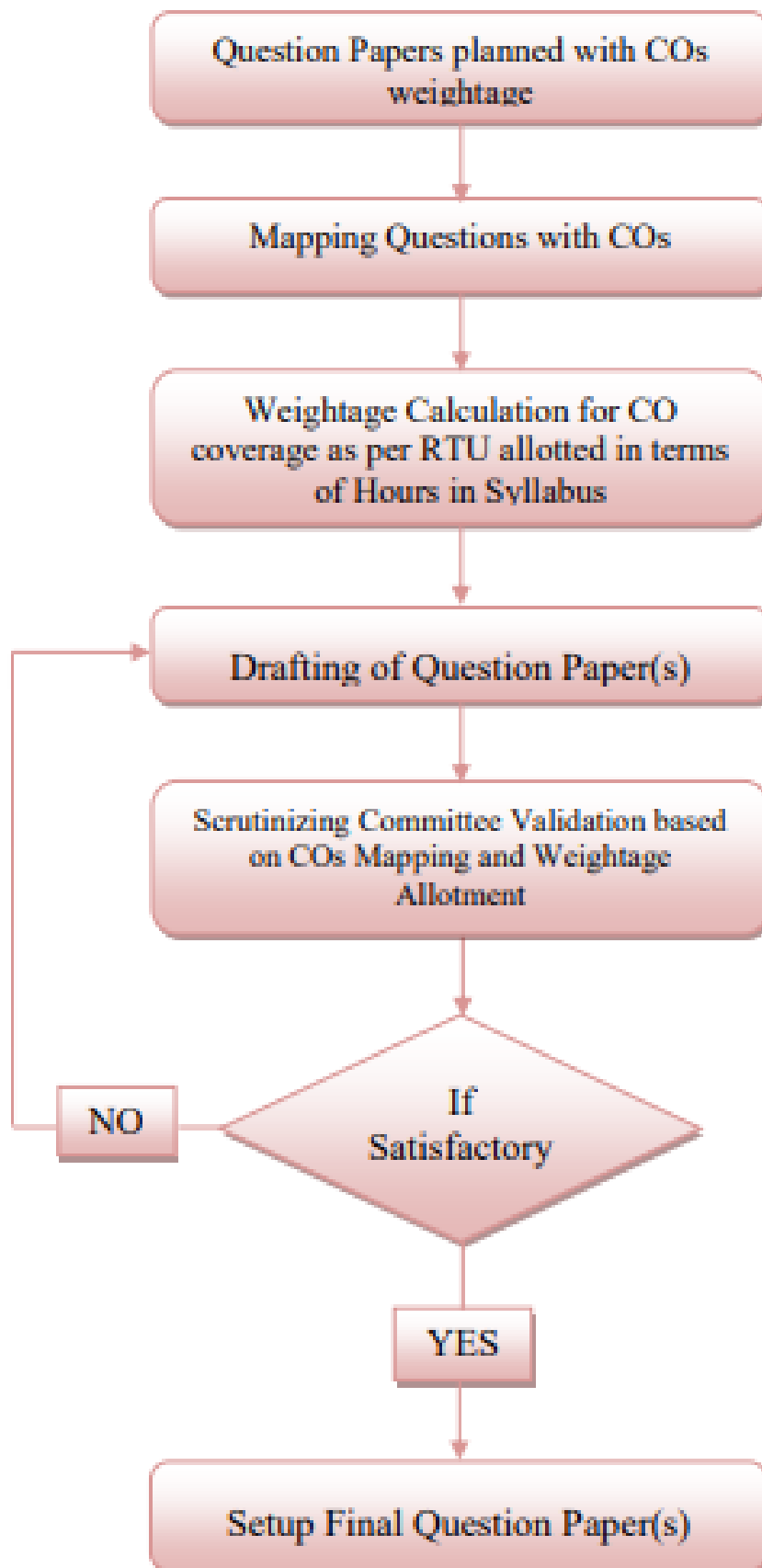
Subject Code	Program Specific Outcomes (PSOs)	
	PSO 1	PSO2
1FY3-08	1.00	1.00
3EE2-01	0.00	0.00
3EE1-02	0.00	0.00
3EE3-04	1.00	1.67
3EE4-05	1.33	1.00
3EE4-06	1.67	2.00
3EE4-07	1.00	1.00
3EE4-08	2.00	1.00
3EE4-21	2.75	2.50
3EE4-22	1.00	1.00
3EE4-23	2.00	1.00
3EE7-30	1.00	1.00
4EE2-01	1.00	1.00
4EE1-03	1.00	1.00
4EE3-04	2.00	2.33
4EE4-05	2.33	1.00
4EE4-06	2.00	1.00
4EE4-07	2.00	1.00
4EE4-08	2.67	2.67
4EE4-21	2.00	2.33
4EE4-22	2.00	1.00
4EE4-23	2.50	1.00
4EE4-24	2.33	2.33
5EE3-01	1.00	2.00
5EE4-02	1.33	1.33
5EE4-03	3.00	2.00
5EE4-04	2.67	2.67
5EE4-05	1.00	1.00
5EE5-11	2.33	2.33
5EE4-21	1.00	1.50
5EE4-22	2.67	2.67

5EE4-23	3.00	3.00
5EE4-24	2.33	2.33
5EE7-30	3.00	1.00
6EE3-01	2.00	1.25
6EE4-02	1.00	2.00
6EE4-03	1.00	1.00
6EE4-04	1.00	2.33
6EE4-05	2.67	2.00
6EE5-13	1.33	1.33
6EE4-21	2.67	1.00
6EE4-22	2.00	1.00
6EE4-23	2.00	2.50
6EE4-24	3.00	1.00
7EE5-11	2.00	2.67
7CE6-60.1	1.00	2.33
7EE4-21	3.00	1.00
7EE4-22	2.67	1.33
7EE7-30	2.00	2.00
7EE7-40	2.00	2.00
8EE4-11	1.75	1.00
8AG6-60.1	1.67	2.33
8EE4-21	2.50	2.50
8EE7-50	3.00	3.00

*Table B.3.1.3b*

**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)**



The assessment process used to evaluate course outcome is mainly assessment with weightage of 80% (direct assessment) and 20% to course exit survey (indirect assessment).

Assignments are given to improve the internal exam result.

The IQAC committee have created a Excel spread sheet to assess the course outcomes and Program outcomes.

Internal marks are mapped with COs. More than 60% marks in each CO is targets for assessment of course outcomes. The Excel sheet calculates the attainment for each outcome.

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

CO ATTAINMENT FOR YEAR 2020-21					
Session:2020-2021					
Subject Code	Subject Name	COs	ESE (80%)	MTE (20%)	TOTAL (100%)
			x	y	.8x+.2y
3EE2-01	Advance Mathematics	CO-1	93.13	98	94.1
		CO-2	93.13	98	94.1
		CO-3	93.13	98	94.1
		CO-4	93.13	98	94.1
3EE1-02	Technical Communication	CO-1	75.83	93.9	79.44
		CO-2	75.83	94.9	79.64
		CO-3	75.83	95.95	79.85
3EE3-04	Power Generation Process	CO-1	97.05	65.16	90.67
		CO-2	97.05	55.32	88.7
		CO-3	97.05	48.32	87.3
3EE4-05	Electrical Circuit Analysis	CO-1	96.07	76.77	92.21
		CO-2	96.07	91.91	95.24
		CO-3	96.07	65.66	89.99
3EE4-06	Analog Electronics	CO-1	95.09	82.5	92.57
		CO-2	95.09	88.5	93.77
		CO-3	95.09	87.5	93.57
3EE4-07	Electrical Machine - I	CO-1	94.11	92	93.69
		CO-2	94.11	75	90.29

		CO-3	94.11	78	90.89
3EE4-08	Electromagnetic Field Theory	CO-1	82.35	87	83.28
		CO-2	82.35	81.7	82.22
		CO-3	82.35	56.2	77.12
3EE4-21	Analog Electronics Lab	CO-1	99.01	100	99.21
		CO-2	99.01	100	99.21
		CO-3	99.01	100	99.21
3EE4-22	Electrical Machines-I Lab	CO-1	100	65.66	93.13
		CO-2	100	68.56	93.71
		CO-3	100	70.34	94.07
3EE4-23	Electrical Circuit Design Lab	CO-1	100	89.53	97.91
		CO-2	100	84.74	96.95
		CO-3	100	83.25	96.65
3EE7-30	Industrial Training	CO-1	100	86.53	97.31
		CO-2	100	80.76	96.15
4EE2-01	Biology	CO-1	90.2	73.5	86.86
		CO-2	90.2	75.7	87.3
		CO-3	90.2	55.48	83.25
4EE1-03	Managerial Economics and Financial Accounting	CO-1	100	97.59	99.52
		CO-2	100	94.23	98.85
		CO-3	100	97.11	99.42
4EE3-04	Electronic Measurement & Instrumentation	CO-1	95.1	93.92	94.86
		CO-2	95.1	84.88	93.05
		CO-3	95.1	81.8	92.44
4EE4-05	Electrical Machine - II	CO-1	100	93.01	98.6
		CO-2	100	84.41	96.88
		CO-3	100	81.34	96.27
4EE4-06	Power Electronics	CO-1	94.12	54.81	86.26
		CO-2	94.12	51.02	85.5
		CO-3	94.12	51.69	85.63
4EE4-07	Signals & Systems	CO-1	93.14	82.43	91
		CO-2	93.14	76.88	89.89
		CO-3	93.14	65.62	87.63
4EE4-08	Digital Electronics	CO-1	99.02	89.89	97.19
		CO-2	99.02	79.15	95.05

		CO-3	99.02	84.57	96.13
4EE4-21	Electrical Machine Lab -II	CO-1	100	98.07	99.61
		CO-2	100	98.07	99.61
		CO-3	100	98.07	99.61
4EE4-22	Power Electronics Lab	CO-1	100	93.27	98.65
		CO-2	100	93.27	98.65
		CO-3	100	93.27	98.65
4EE4-23	Digital Electronics lab	CO-1	99.02	99	99.02
		CO-2	99.02	86.5	96.52
		CO-3	99.02	93.3	97.88
4EE3-24	Measurement Lab	CO-1	100	98.07	99.61
		CO-2	100	98.07	99.61
		CO-3	100	98.07	99.61
5EE3-01	Electrical Materials	CO-1	81.05	90.5	82.94
		CO-2	81.05	85.5	81.94
		CO-3	81.05	81.67	81.18
5EE4-02	Power System - I	CO-1	32.63	78.17	41.74
		CO-2	32.63	82.44	42.59
		CO-3	32.63	51.61	36.43
5EE4-03	Control System	CO-1	56.84	69.47	59.37
		CO-2	56.84	61.58	57.79
		CO-3	56.84	58.42	57.16
5EE4-04	Microprocessor	CO-1	89.47	36.84	78.95
		CO-2	88.42	36.84	78.11
		CO-3	84.21	36.84	74.74
5EE4-05	Electrical Machine Design	CO-1	50.52	88	58.02
		CO-2	50.52	88.38	58.09
		CO-3	50.52	81.33	56.68
5EE5-11	Restructured Power System	CO-1	66.31	87.37	70.52
		CO-2	66.31	86.84	70.42
		CO-3	66.31	82.63	69.57
5EE4-21	Power System-I Lab	CO-1	97.89	100	98.32
		CO-2	97.89	100	98.32
5EE4-22	Control System Lab	CO-1	99	0.94	0.98
		CO-2	99	0.94	0.98

		CO-3	99	0.94	0.98
5EE4-23	Microprocessor Lab	CO-1	99.21	94.49	98.27
		CO-2	99.21	96.85	98.74
		CO-3	99.21	94.49	98.27
5EE4-24	System Programming Lab	CO-1	100	85.5	97.1
		CO-2	100	85.5	97.1
		CO-3	100	85.5	97.1
5EE7-30	Industrial Training	CO-1	17.89	71.58	28.63
		CO-2	17.89	71.58	28.63
		CO-3	17.89	71.58	28.63
6EE3-01	Computer Architecture	CO-1	91.58	62.22	85.71
		CO-2	91.58	62.22	85.71
		CO-3	91.58	94	92.06
		CO-4	91.58	90	91.26
6EE4-02	Power System - II	CO-1	91.58	93.68	92
		CO-2	91.58	97.89	92.84
		CO-3	91.58	96.84	92.63
6EE4-03	Power System Protection	CO-1	93.68	95.78	94.1
		CO-2	93.68	96.84	94.32
		CO-3	93.68	91.57	93.26
6EE4-04	Electrical Energy Conversion and Auditing	CO-1	87.37	91.05	88.1
		CO-2	87.37	93.68	88.63
		CO-3	87.37	78.42	85.58
6EE4-05	Electric Drives	CO-1	89.47	96.1	90.8
		CO-2	89.47	91.7	89.92
		CO-3	89.47	89.8	89.54
6EE5-13	Electrical and Hybrid Vehicles	CO-1	85.26	95.27	87.26
		CO-2	85.26	95.38	87.29
		CO-3	85.26	89.83	86.18
6EE4-21	Power System - II Lab	CO-1	100	100	100
		CO-2	100	100	100
		CO-3	81.05	100	84.84
6EE4-22	Electrical Drives Lab	CO-1	98.95	98.95	98.95
		CO-2	98.95	98.95	98.95
		CO-3	98.95	96.84	98.53

6EE4-23	Power System Protection Lab	CO-1	86.32	74	83.85
		CO-2	86.32	74.11	83.87
6EE4-24	Modeling and simulation lab	CO-1	0.99	0.81	0.95
		CO-2	0.99	0.77	0.95
		CO-3	0.99	0.76	0.94
7EE5-11	Wind and Solar Energy System	CO-1	48	77	53.8
		CO-2	48	75	53.4
		CO-3	48	87	55.8
7CE6-60.1	Environment Impact Analysis	CO-1	55.62	81.64	60.82
		CO-2	55.62	73.04	59.1
		CO-3	55.62	54.69	55.43
7EE4-21	Embedded System Lab	CO-1	48.77	72.44	53.5
		CO-2	45.67	72.44	51.02
		CO-3	50.06	72.44	54.54
7EE4-22	Advance Control System Lab	CO-1	82.81	100	86.25
		CO-2	82.81	100	86.25
		CO-3			0
7EE7-30	Industrial Training	CO-1	67.4	100	73.92
		CO-2	67.4	100	73.92
		CO-3	67.4	100	73.92
7EE7-40	Seminar	CO-1	96.87	96.87	96.87
		CO-2	96.87	96.87	96.87
		CO-3	96.87	96.87	96.87
8EE4-11	HVDC Transmission System	CO-1	58.25	84.92	63.58
		CO-2	58.25	83.33	63.22
		CO-3	58.25	90.47	64.65
		CO-4	58.25	90.47	64.65
8AG6-60.1	Energy Management	CO-1	61.5	96.03	68.4
		CO-2	61.5	93.645	67.9
		CO-3	61.5	90.47	67.2
8EE4-21	Energy System Lab	CO-1	100	99	99.8
		CO-2	100	99	99.8
8EE7-50	Project	CO-1	100	98	98.8
		CO-2	100	99	99.4
		CO-3	100	98	98.8



### **3.3 Attainment of Program Outcomes and Program Specific Outcomes (50)**

#### **3.3.1. Describe Assessment tools and Process used for measuring the attainment of each of the program outcomes and program specific outcomes (10)**

In Outcome based Education, assessment done through one or more than one processes, carried out by the institution, that identify, collect, and prepare data to evaluate the achievement of programme educational objectives, program outcomes and course objectives and outcomes.

#### **PO Assessment Tools**

Assessment tools are categorized into academic, placement, beyond curriculum and feedback methods to assess the program outcomes.

Academic Assessment display the student's knowledge and skills from their performance in the MTT, end-semester examinations (RTU exam), project, industrial training and performance in lab. etc.

**Placement assessment** includes the number of students placed, gone through mentoring, soft skill classes. it also includes the number of student gone for higher studies and placed in PSU and qualified for GATE.

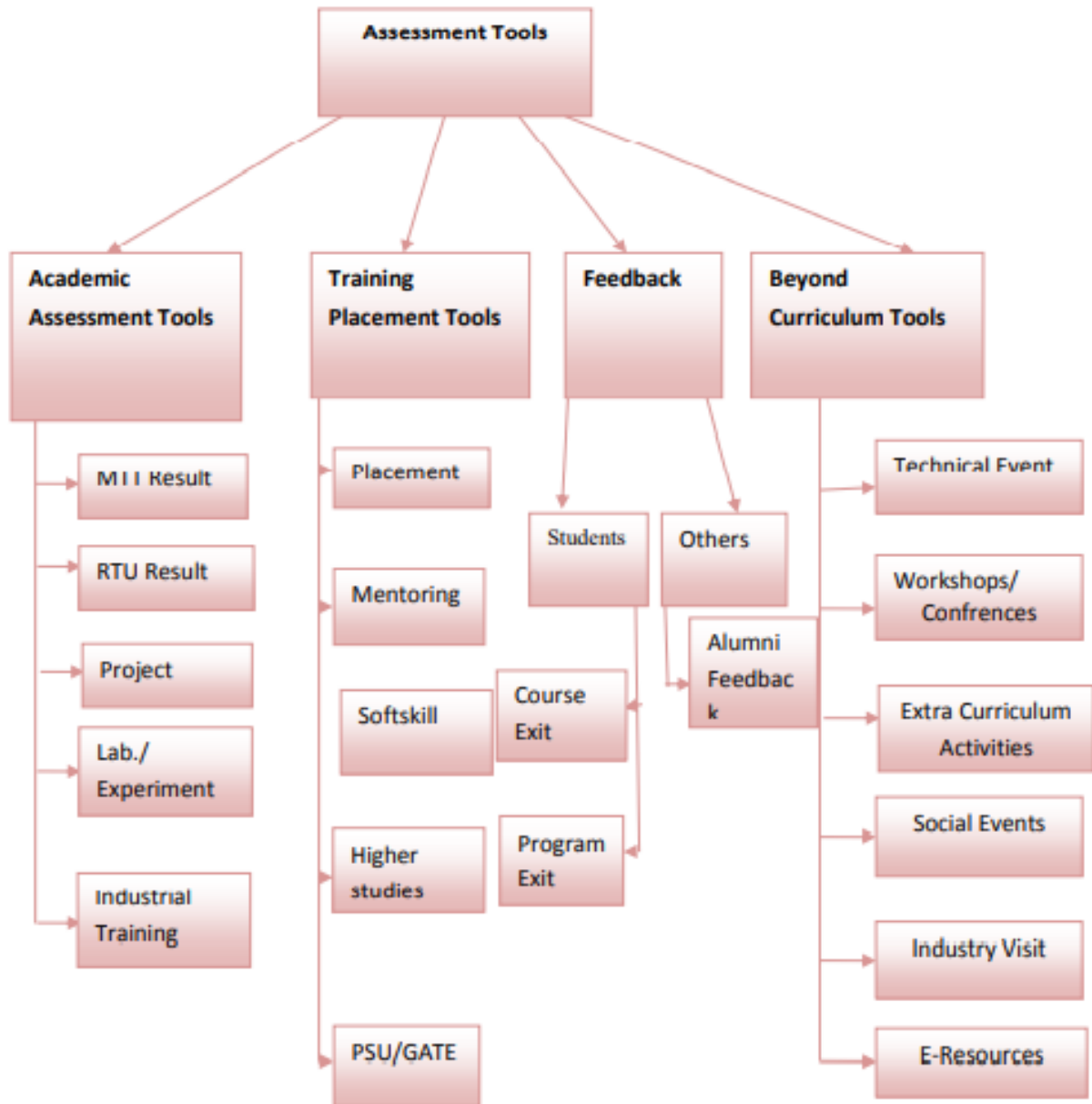
**Beyond Curriculum assessment** includes the participation of student in various technical, social activities along with participation in conferences and workshops.

**Feedback assessment** includes the values provide by alumni, the student outgoing of program at the end of final semester and in each semester at the time of course exit.

**Finally IQAC** decides the weightage of each tool with regards to each PO. After this an excel sheet is made for calculation the attainment of PO's.

There is no. of attainment level for each tool in the form of Rubric (attached below) the attained value is filled in sheet according to their respective rubrics.

The calculations are as below



The calculations are as below

PO1						
Tool	Tools	Weight age (%)	Mappi ng	Scor e	mark s	Rubric
Academic Assessment 50%	MTT Result	15%	H	3	1.5	70% students >65%=>100% marks 70% students >60%=>80% 60% students >65%=>60% 60% students >60%=>50% Else =>20% marks
	Final RTU Result	5%	L	1	0.2	70% students >65%=>100% marks 70% students >60%=>80% 60% students >65%=>60% 60% students >60%=>50% Else=> 20% marks
	Project	15%	H	3	3	70% students >65%=>100% marks 70% students >60%=>80% 60% students >65%=>60% 60% students >60%=>50% Else=> 0 marks
	Lab/Experiments	10%	M	2	2	80% students >65%=>100% marks 80% students >60%=>80% 70% students >65%=>60% 70% students >60%=>50% Else=> 0 marks
	I Industrial training	5%	L	1	1	>=90% students visited =>100% marks >=80% students visited=>80% >=60% students visited =>60% >=50% students visited =>50% Else=> 0 marks
Placement 20%	Core	4%	M	2	1	>=70% students placed =>100% marks 60-69% students placed =>80% 50-59% students placed =>60% 40-49% students placed =>50% Else=> 0 marks
	Mentoring	4%	M	2	2	>=80% students attended =>100% marks 70-79% students attended =>80% 60-69% students attended =>60%

						50-59% students attended =>50% Else=> 0 marks
	Softskill	3%	L	1	1	>=80% students attended =>100% marks 70-79% students attended =>80% 60-69% students attended =>60% 50-59% students attended =>50% Else=> 0 marks
	Higher Studies	4%	M	2	1.2	>=20% students =>100% marks 15-19% students =>80% 10-14% students =>60% 5-9% students =>50% Else=> 0 marks
	PSU/GATE	5%	H	3	1.8	>=20% students cleared =>100% marks 15-19% students cleared =>80% 10-14% students cleared =>60% 5-9% students cleared =>50% Else=> 0 marks
Beyond Curriculum 20%	Technical Events	5%	H	3	3	>=80% students participated =>100% marks 70-79% students participated =>80% 60-69% students participated =>60% 50-59% students participated =>50% Else=> 0 marks
	Conference/W orkshops	4%	M	2	2	>=10% students participated =>100% marks 8-9 % students participated =>80% 6-7 % students participated =>60% 4-5 % students participated =>50% Else=> 0 marks
	Social Events	3%	L	1	1	>=25% students participated =>100% marks 20-24 % students participated =>80% 15-19 % students participated =>60% 10-14 % students participated =>50% Else=> 0 marks
	E-Resources	3%	M			>=50% students =>100% marks

				2	2	40-49 % students =>80% 30-39 % students =>60% 20-29 % students =>50% Else=> 0 marks
	Industrial visit	5%	H	3	3	>=50% students =>100% marks 40-49 % students =>80% 30-39 % students =>60% 20-29 % students =>50% Else=> 0 marks
	Extra Curricular Activity	NA	NA			>=25% students participated =>100% marks 20-24 % students participated =>80% 15-19 % students participated =>60% 10-14 % students participated =>50% Else=> 0 marks
Feedback 10%	Course Exit	4%	H	3	2.4	AVG. Marks given by respondent
	Student Exit	4%	L	1	0.71	AVG. Marks given by respondent
	Alumni	2%	M	2	1.6	AVG. Marks given by respondent

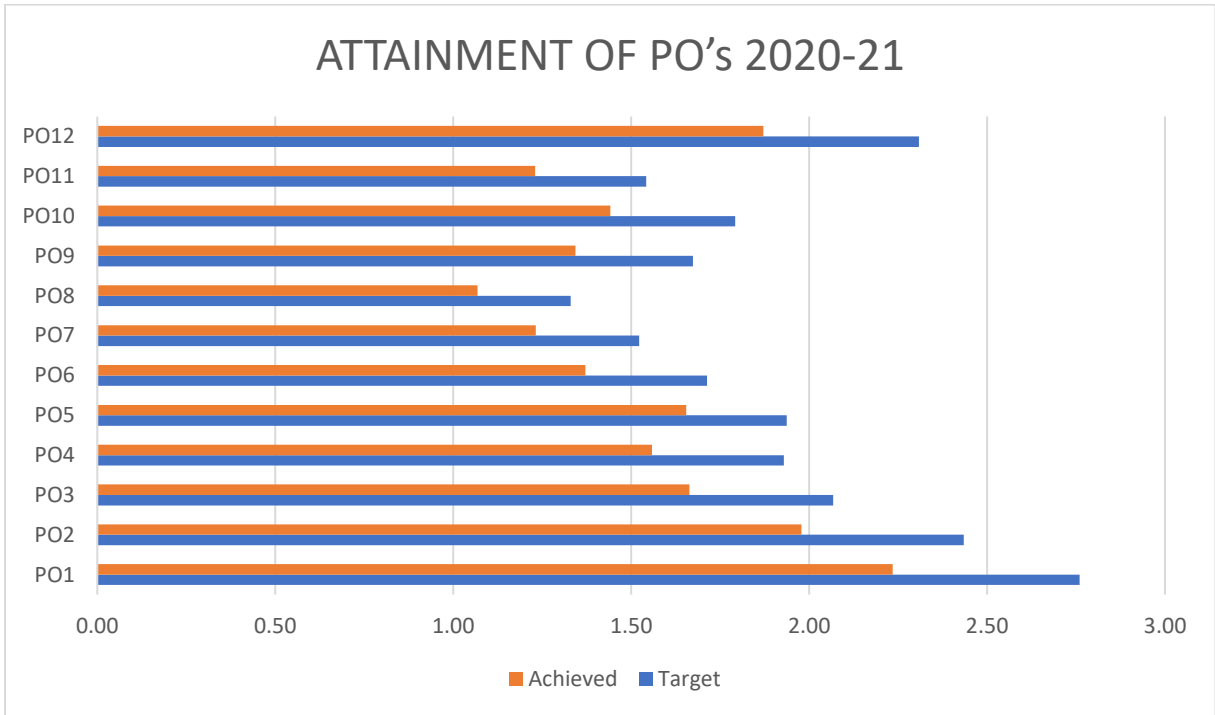
Note: All other POs calculation is same with different weightages

### 3.3.2. Provide the results of evaluation of each PO and PSOs (40)

#### ATTAINMENT OF PO's 2020-21

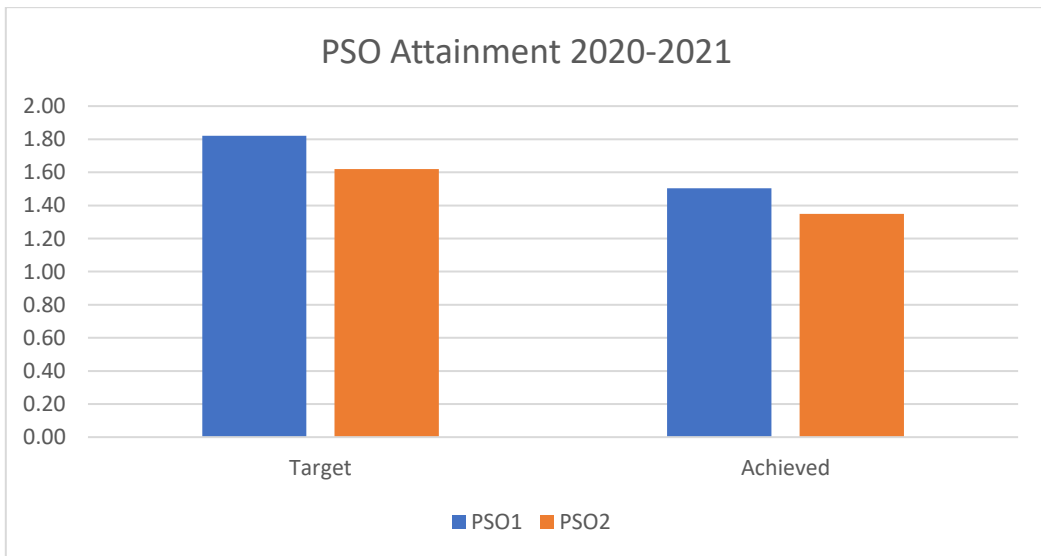
POs	Target	Achieved
PO1	2.76	2.23
PO2	2.43	1.98
PO3	2.07	1.66
PO4	1.93	1.56
PO5	1.94	1.66
PO6	1.71	1.37
PO7	1.52	1.23
PO8	1.33	1.07
PO9	1.67	1.34
PO10	1.79	1.44
PO11	1.54	1.23

PO12	2.31	1.87
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### PSO Attainment

Year	PSO1		PSO2	
	Target	Achieved	Target	Achieved
<b>2020-2021</b>	<b>1.82</b>	<b>1.50</b>	<b>1.62</b>	<b>1.35</b>



### 3.3.2. Provide the results of evaluation of each PO and PSOs through course outcome (40)

CO Wise Target Values of Subject 3EE2-01 (Sample)

Subject Code	COs	Program Outcomes (POs)													
		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
3EE2-01	CO-1	3	1	-	-	-	-	-	-	1	1	-	1	-	-
	CO-2	3	1	-	-	-	-	-	-	1	1	-	1	-	-
	CO-3	3	1	-	-	-	-	-	-	1	1	-	1	-	-
	CO-4	3	1	-	-	-	-	-	-	1	1	-	1	-	-
	AVG	3	1	-	-	-	-	-	-	1	1	-	1	-	-

CO Wise Attainment Values of Subject 3EE2-01 (Sample)

Subject Code	COs	Program Outcomes (POs)													
		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
3EE2-01	CO-1	2.82	0.94	-	-	-	-	-	-	0.94	0.94		0.94		-
	CO-2	2.82	0.94	-	-	-	-	-	-	0.94	0.94		0.94		-
	CO-3	2.82	0.94	-	-	-	-	-	-	0.94	0.94		0.94		-
	CO-4	2.82	0.94	-	-	-	-	-	-	0.94	0.94		0.94		-
	AVG	2.82	0.94	-	-	-	-	-	-	0.94	0.94		0.94		-

Average Target values of Each subject in Electrical Engineering during session 2021-2022

Target Values (2020-2021)														
Subject Code	Program Outcomes (POs)													
	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12	PSO1	PSO2
3EE2-01	3.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	1.00	0.00	0.00
3EE1-02	0.00	1.00	0.00	2.67	0.00	2.00	1.33	1.00	1.00	3.00	2.00	1.00	0.00	0.00

<b>4EE3-04</b>	<b>4EE1-03</b>	<b>4EE2-01</b>	<b>3EE7-30</b>	<b>3EE4-23</b>	<b>3EE4-22</b>	<b>3EE4-21</b>	<b>3EE4-08</b>	<b>3EE4-07</b>	<b>3EE4-06</b>	<b>3EE4-05</b>	<b>3EE3-04</b>
3.00	2.50	3.00	3.00	3.00	2.67	2.75	3.00	3.00	3.00	2.67	3.00
2.33	3.00	3.00	2.50	2.00	2.00	2.00	2.33	3.00	2.33	2.33	2.00
2.67	2.00	2.50	1.50	1.67	2.00	3.00	1.67	2.00	1.67	1.33	1.67
1.00	2.25	3.00	3.00	1.00	1.67	2.25	1.00	2.00	2.00	1.67	1.33
1.00	2.25	3.00	2.50	2.33	1.00	2.75	0.00	1.67	1.67	1.33	1.00
2.00	2.75	3.00	1.50	2.67	1.33	2.00	1.00	1.67	2.00	1.33	2.33
1.67	2.25	2.50	2.00	2.33	0.00	1.00	2.00	2.00	1.67	0.00	1.67
2.00	2.75	3.00	0.00	1.00	1.00	2.00	1.00	1.67	2.00	0.00	1.00
1.00	2.50	0.00	1.00	1.00	1.00	1.25	3.00	2.00	1.00	2.33	1.00
2.00	2.00	2.00	0.00	1.00	0.00	2.00	2.00	2.00	2.00	1.00	2.33
2.00	3.00	0.00	1.00	1.00	0.00	1.50	2.00	2.33	1.00	0.00	1.00
3.00	2.50	3.00	1.00	3.00	1.33	3.00	1.67	2.00	2.00	0.00	2.33
2.00	1.00	1.00	1.00	2.00	1.00	2.75	2.00	1.00	1.67	1.33	1.00
2.33	1.00	1.00	1.00	1.00	1.00	2.50	1.00	1.00	2.00	1.00	1.67



<b>5EE4-04</b>	<b>5EE4-03</b>	<b>5EE4-02</b>	<b>5EE3-01</b>	<b>4EE4-24</b>	<b>4EE4-23</b>	<b>4EE4-22</b>	<b>4EE4-21</b>	<b>4EE4-08</b>	<b>4EE4-07</b>	<b>4EE4-06</b>	<b>4EE4-05</b>
2.33	3.00	3.00	3.00	3.00	3.00	3.00	2.67	3.00	2.67	3.00	3.00
3.00	2.00	2.00	3.00	2.33	2.75	2.00	2.67	2.67	3.00	2.67	3.00
3.00	2.67	2.00	1.00	1.67	2.75	2.00	2.00	2.33	3.00	2.00	1.00
2.00	1.00	2.33	1.00	1.33	3.00	1.00	2.00	2.00	2.00	2.00	2.00
3.00	1.67	2.33	1.33	2.67	3.00	2.00	2.00	2.50	2.00	1.67	1.67
2.00	2.00	2.33	2.00	1.33	1.25	2.00	2.33	2.67	2.00	1.00	2.00
2.00	1.50	2.33	3.00	1.33	1.75	2.00	1.67	3.00	2.00	1.00	1.67
1.00	0.00	1.00	2.00	1.00	1.00	1.00	2.33	1.50	1.00	1.00	2.00
2.33	1.00	1.00	1.00	2.33	3.00	2.00	2.33	1.00	1.00	1.00	1.00
1.00	0.00	2.00	2.00	1.67	2.00	2.00	2.00	1.50	2.00	2.00	2.00
2.00	1.67	2.00	1.00	2.00	3.00	1.00	2.33	2.00	1.00	1.33	1.00
2.00	2.67	3.00	2.00	1.67	3.00	2.00	3.00	3.00	3.00	3.00	2.00
2.67	3.00	1.33	1.00	2.33	2.50	2.00	2.00	2.67	2.00	2.00	2.33
2.67	2.00	1.33	2.00	2.33	1.00	1.00	2.33	2.67	1.00	1.00	1.00

<b>6EE4-05</b>	<b>6EE4-04</b>	<b>6EE4-03</b>	<b>6EE4-02</b>	<b>6EE3-01</b>	<b>5EE7-30</b>	<b>5EE4-24</b>	<b>5EE4-23</b>	<b>5EE4-22</b>	<b>5EE4-21</b>	<b>5EE5-11</b>	<b>5EE4-05</b>
3.00	3.00	3.00	3.00	3.00	3.00	2.00	2.33	3.00	3.00	2.67	3.00
1.67	2.67	2.33	2.67	2.25	3.00	3.00	2.67	2.33	2.00	2.33	3.00
2.00	2.67	2.00	2.00	2.25	3.00	3.00	2.33	2.00	2.00	1.00	3.00
2.00	2.00	2.00	2.00	1.00	2.33	2.00	2.67	1.67	2.50	1.33	2.67
2.00	2.33	0.00	1.33	0.00	2.67	3.00	2.33	2.67	3.00	1.33	1.00
2.00	3.00	1.67	1.50	0.00	2.33	1.00	2.33	0.00	1.00	0.00	2.00
2.33	3.00	0.00	0.00	0.00	1.67	0.00	2.33	1.00	1.00	0.00	2.00
1.33	2.67	0.00	0.00	0.00	1.00	0.00	2.67	0.00	1.50	0.00	2.00
2.00	3.00	0.00	2.00	1.00	3.00	1.00	2.33	2.33	1.00	2.00	1.00
2.33	2.33	0.00	1.00	0.00	2.00	0.00	2.67	1.33	1.50	1.00	2.00
2.00	2.33	1.67	1.33	1.00	3.00	1.00	2.33	1.00	1.50	0.00	1.00
1.33	3.00	3.00	3.00	2.00	3.00	2.00	3.00	2.33	3.00	0.00	2.00
2.67	1.00	1.00	1.00	2.00	3.00	2.33	3.00	2.67	1.00	2.33	1.00
2.00	2.33	1.00	2.00	1.25	1.00	2.33	3.00	2.67	1.50	2.33	1.00

<b>8EE4-11</b>	<b>7EE7-40</b>	<b>7EE7-30</b>	<b>7EE4-22</b>	<b>7EE4-21</b>	<b>7CE6-60.1</b>	<b>7EE5-11</b>	<b>6EE4-24</b>	<b>6EE4-23</b>	<b>6EE4-22</b>	<b>6EE4-21</b>	<b>6EE5-13</b>
3.00	2.00	2.67	3.00	2.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
3.00	2.00	2.00	1.67	0.00	2.33	2.33	3.00	3.00	2.00	3.00	3.00
3.00	1.67	1.67	1.00	0.00	2.00	2.67	3.00	2.50	2.00	1.67	3.00
2.50	1.67	1.67	1.00	2.50	1.67	3.00	1.67	1.00	2.67	1.67	2.00
0.00	1.67	2.33	3.00	3.00	2.00	1.00	3.00	2.00	3.00	3.00	2.50
1.50	1.33	2.67	1.33	0.00	3.00	1.67	2.00	3.00	1.00	1.00	2.67
2.00	1.00	2.33	1.33	0.00	3.00	1.33	1.00	1.00	1.00	2.00	3.00
1.00	1.00	1.33	1.33	3.00	3.00	1.00	0.00	1.00	1.67	1.00	1.50
1.00	1.00	1.00	1.33	3.00	2.33	1.00	1.00	1.00	1.00	1.00	0.00
1.00	2.67	1.00	1.33	2.00	2.00	2.00	0.00	1.00	1.33	1.00	2.00
1.00	1.00	1.00	2.00	1.00	2.00	2.00	1.00	3.00	1.33	1.00	3.00
2.00	1.67	2.00	3.00	3.00	3.00	3.00	1.33	3.00	3.00	2.00	3.00
1.75	2.00	2.00	2.67	3.00	1.00	2.00	3.00	2.00	2.00	2.67	1.33
1.00	2.00	2.00	1.33	1.00	2.33	2.67	1.00	2.50	1.00	1.00	1.33



4EE4-06	4EE4-05	4EE3-04	4EE1-03	4EE2-01	3EE7-30	3EE4-23	3EE4-22	3EE4-21	3EE4-08	3EE4-07
0.86	0.97	0.93	0.99	0.86	0.97	0.97	0.94	0.99	0.81	0.92
2.58	2.91	2.79	2.48	2.58	2.91	2.91	2.51	2.72	2.43	2.76
2.29	2.91	2.17	2.97	2.58	2.43	1.94	1.88	1.98	1.89	2.76
1.72	0.97	2.48	1.98	2.15	1.46	1.62	1.88	2.97	1.35	1.84
1.72	1.94	0.93	2.23	2.58	2.91	0.97	1.57	2.23	0.81	1.84
1.43	1.62	0.93	2.23	2.58	2.43	2.26	0.94	2.72	0.00	1.53
0.86	1.94	1.86	2.72	2.58	1.46	2.59	1.25	1.98	0.81	1.53
0.86	1.62	1.55	2.23	2.15	1.94	2.26	0.00	0.99	1.62	1.84
0.86	1.94	1.86	2.72	2.58	0.00	0.97	0.94	1.98	0.81	1.53
0.86	0.97	0.93	2.48	0.00	0.97	0.97	0.94	1.24	2.43	1.84
1.72	1.94	1.86	1.98	1.72	0.00	0.97	0.00	1.98	1.62	1.84
1.15	0.97	1.86	2.97	0.00	0.97	0.97	0.00	1.49	1.62	2.15
2.58	1.94	2.79	2.48	2.58	0.97	2.91	1.25	2.97	1.35	1.84
1.72	2.26	1.86	0.99	0.86	0.97	1.94	0.94	2.72	1.62	0.92
0.86	0.97	2.17	0.99	0.86	0.97	0.97	0.94	2.48	0.81	0.92

5EE4-05	5EE4-04	5EE4-03	5EE4-02	5EE3-01	4EE4-24	4EE4-23	4EE4-22	4EE4-21	4EE4-08	4EE4-07
0.58	0.77	0.58	0.40	0.82	1.00	0.97	0.99	1.00	0.96	0.90
1.74	1.80	1.74	1.20	2.46	3.00	2.91	2.97	2.67	2.88	2.40
1.74	2.31	1.16	0.80	2.46	2.33	2.67	1.98	2.67	2.56	2.70
1.74	2.31	1.55	0.80	0.82	1.67	2.67	1.98	2.00	2.24	2.70
1.55	1.54	0.58	0.93	0.82	1.33	2.91	0.99	2.00	1.92	1.80
0.58	2.31	0.97	0.93	1.09	2.67	2.91	1.98	2.00	2.40	1.80
1.16	1.54	1.16	0.93	1.64	1.33	1.21	1.98	2.33	2.56	1.80
1.16	1.54	0.87	0.93	2.46	1.33	1.70	1.98	1.67	2.88	1.80
1.16	0.77	0.00	0.40	1.64	1.00	0.97	0.99	2.33	1.44	0.90
0.58	1.80	0.58	0.40	0.82	2.33	2.91	1.98	2.33	0.96	0.90
1.16	0.77	0.00	0.80	1.64	1.67	1.94	1.98	2.00	1.44	1.80
0.58	1.54	0.97	0.80	0.82	2.00	2.91	0.99	2.33	1.92	0.90
1.16	1.54	1.55	1.20	1.64	1.67	2.91	1.98	3.00	2.88	2.70
0.58	2.05	1.74	0.53	0.82	2.33	2.43	1.98	2.00	2.56	1.80
0.58	2.05	1.16	0.53	1.64	2.33	0.97	0.99	2.33	2.56	0.90

6EE4-05	6EE4-04	6EE4-03	6EE4-02	6EE3-01	5EE7-30	5EE4-24	5EE4-23	5EE4-22	5EE4-21	5EE5-11
0.90	0.87	0.94	0.92	0.89	0.29	0.97	0.98	0.98	0.98	0.70
2.70	2.61	2.82	2.76	2.67	0.87	1.94	2.29	2.94	2.94	1.87
1.50	2.32	2.19	2.45	2.00	0.87	2.91	2.61	2.29	1.96	1.63
1.80	2.32	1.88	1.84	2.00	0.87	2.91	2.29	1.96	1.96	0.70
1.80	1.74	1.88	1.84	0.89	0.68	1.94	2.61	1.63	2.45	0.93
1.80	2.03	0.00	1.23	0.00	0.77	2.91	2.29	2.61	2.94	0.93
1.80	2.61	1.57	1.38	0.00	0.68	0.97	2.29	0.00	0.98	0.00
2.10	2.61	0.00	0.00	0.00	0.48	0.00	2.29	0.98	0.98	0.00
1.20	2.32	0.00	0.00	0.00	0.29	0.00	2.61	0.00	1.47	0.00
1.80	2.61	0.00	1.84	0.89	0.87	0.97	2.29	2.29	0.98	1.40
2.10	2.03	0.00	0.92	0.00	0.58	0.00	2.61	1.31	1.47	0.70
1.80	2.03	1.57	1.23	0.89	0.87	0.97	2.29	0.98	1.47	0.00
1.20	2.61	2.82	2.76	1.78	0.87	1.94	2.94	2.29	2.94	0.00
2.40	0.87	0.94	0.92	1.78	0.87	2.26	2.94	2.61	0.98	1.63
1.80	2.03	0.94	1.84	1.11	0.29	2.26	2.94	2.61	1.47	1.63

7EE7-40	7EE7-30	7EE4-22	7EE4-21	7CE6-60.1	7EE5-11	6EE4-24	6EE4-23	6EE4-22	6EE4-21	6EE5-13
0.97	0.74	0.86	0.53	0.58	0.54	0.95	0.84	0.99	0.95	0.87
1.94	1.97	2.58	1.06	1.74	1.62	2.85	2.52	2.97	2.85	2.61
1.94	1.48	1.43	0.00	1.35	1.26	2.85	2.52	1.98	2.85	2.61
1.62	1.23	0.86	0.00	1.16	1.44	2.85	2.10	1.98	1.58	2.61
1.62	1.23	0.86	1.33	0.97	1.62	1.58	0.84	2.64	1.58	1.74
1.62	1.73	2.58	1.59	1.16	0.54	2.85	1.68	2.97	2.85	2.18
1.29	1.97	1.15	0.00	1.74	0.90	1.90	2.52	0.99	0.95	2.32
0.97	1.73	1.15	0.00	1.74	0.72	0.95	0.84	0.99	1.90	2.61
0.97	0.99	1.15	1.59	1.74	0.54	0.00	0.84	1.65	0.95	1.31
0.97	0.74	1.15	1.59	1.35	0.54	0.95	0.84	0.99	0.95	0.00
2.59	0.74	1.15	1.06	1.16	1.08	0.00	0.84	1.32	0.95	1.74
0.97	0.74	1.72	0.53	1.16	1.08	0.95	2.52	1.32	0.95	2.61
1.62	1.48	2.58	1.59	1.74	1.62	1.27	2.52	2.97	1.90	2.61
1.94	1.48	2.29	1.59	0.58	1.08	2.85	1.68	1.98	2.53	1.16
1.94	1.48	1.15	0.53	1.35	1.44	0.95	2.10	0.99	0.95	1.16



<b>8EE7-50</b>	<b>8EE4-21</b>	<b>8AG6-60.1</b>	<b>8EE4-11</b>
0.99	1.00	0.68	0.64
2.31	3.00	2.04	1.92
2.64	3.00	1.36	1.92
2.31	3.00	1.36	1.92
2.31	1.00	1.13	1.60
2.31	3.00	1.36	0.00
2.31	1.50	1.36	0.96
2.31	2.00	1.36	1.28
2.64	1.00	1.36	0.64
2.31	1.00	1.59	0.64
2.64	1.00	1.36	0.64
2.31	2.00	1.36	0.64
2.97	3.00	2.04	1.28
2.97	2.50	1.13	1.12
2.97	2.50	1.59	0.64



**JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE, JAIPUR  
DEPARTMENT OF ELECTRICAL ENGINEERING**

<b>CRITERION 4</b>	<b>STUDENT PERFORMANCE</b>	<b>(150)</b>
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**Admission details for last past three years**

Item (Information to be provided cumulatively for all the shifts with explicit headings, wherever applicable)	CAY (2021- 2022)	CAYm1 (2020-21)	CAYm2 (2019-20)
Sanctioned intake of the program (N)	60	120	120
Total number of students admitted in first year minus number of students migrated to other programs/ institutions plus no. of students migrated to this program (N1)	53	91	99
Number of students admitted in 2nd year in the same batch via lateral entry (N2)	6	04	05
Separate division students, if applicable (N3)	Nil	Nil	Nil
Total number of students admitted in the Program (N1 + N2 + N3)	59	95	104

**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 minus 1

LYGm1 – Last Year Graduate minus 1

LYGm2 – Last Year Graduate minus 2

**Number of students successfully graduated without backlog**

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)						
		1 <sup>st</sup> Year	2 <sup>nd</sup> Year		3 <sup>rd</sup> Year		4 <sup>th</sup> Year	
CAY (2021-2022)	59	53						
CAYm1 (2020-2021)	95	90	60	RA				
CAY m2(2019-2020)	104	58	102	102	68	RA		
CAYm3 (2018-2019)	95	34	44	94	69	94	83	83
CAYm4 (2017-2018)	128	100	77	99	83	89	124	123
CAYm5 (LYG) (2016-2017)	136	105	74	93	109	109	123	122
CAYm6 (LYGm1)(2015-2016)	<b>139</b>	75	88	81	105	118	125	121

**Table B.4b**

**Number of students graduated successfully**

Year of entry	N1+N2+N3 (as defined above)	Number of students who have successfully graduated (Students with backlog in stipulated period of study)			
		1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	4 <sup>th</sup> Year
CAY (2021-2022)	<b>59</b>	5			
CAYm1 (2020-2021)	95	01	32		
CAY m2(2019-2020)	104	38	01	28	
CAYm3 (2018-2019)	95	53	25	07	04
CAYm4 (2017-2018)	128	19	43	33	02
CAYm5 (LYG) (2016-2017)	136	24	47	20	05
CAYm6 (LYGm1)(2015-2016)	139	54	44	18	06

**Table B.4c**



**JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE, JAIPUR  
DEPARTMENT OF ELECTRICAL ENGINEERING**

**4.1. Enrolment Ratio (20)**

Enrolment Ratio=  $N1/N=18$

Enrolment ratio

Item	CAY (2021-2022)	CAYm1 (2020-21)	CAY m2(2019-20)
Sanctioned intake of the program (N)	60	120	120
Total number of students admitted in first year minus number of students migrated to other programs/institutions plus no. of students migrated to this program (N1)	53	91	99
Enrolment Ratio (N1/N)	0.8833	0.7583	0.825
Enrolment Percentage	88.33%	75.83%	82.50%

**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 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 =  $25 \times \text{Average SI}$

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 division, if applicable	128	136	139
Number of students who have graduated without backlogs in the stipulated period	124	123	123
Success Index (SI)	$124/128=0.96$	$123/136=0.90$	$123/139=0.88$
Average SI	0.91		
Success rate without backlogs in any year of study = $25 \times \text{Average SI}$	<b>22.75</b>		

**Table B.4.2.1**



**JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE, JAIPUR  
DEPARTMENT OF ELECTRICAL ENGINEERING**

**4.2.2. Success Rate in Stipulated Period (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 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

**Success rate in stipulated period**

Item	LYG (CAYm4) (2017-18)	LYGm1(CAYm5) (2016-17)	LYGm2(CAYm6) (2015-16)
Number of students admitted in the corresponding First Year + admitted in 2nd year via lateral entry and separate division, if applicable	128	136	139
Number of students who have graduated in the stipulated period	02	05	06
Success Index (SI)	0.015	0.036	0.043
Average SI	0.09/3=0.03		
= 15 ×Average SI	0.47		

**Table B.4.2.2**

**4.3. Academic Performance in Third Year (15)**

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

API = ((Mean of 3rdYear 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 in Third Year**

Academic Performance	CAYm1(2020-21)	CAYm2 (2019-20)	CAYm3 (2018-19)
Mean of CGPA or Mean Percentage of all successful students(X)	7.4	5.198	6.772
Total no. of successful students (Y)	64	112	120
Total no. of students appeared in the examination (Z)	95	128	136
API = X* (Y/Z)	4.98	4.54	5.97
Average API = (AP1 + AP2 + AP3)/3	5.169		
Academic Performance = 1.5 * Average API	7.753		

**Table B.4.3**

**4.4. Academic Performance in Second Year (15)**

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

API = ((Mean of 2ndYear 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 in Second Year**

Academic Performance	CAYm1(2020-21)	CAYm2 (2019-20)	CAYm3 (2018-19)
Mean of CGPA or Mean Percentage of all successful students(X)	8.50	7.14	6.28
Total no. of successful students (Y)	91	84	102
Total no. of students appeared in the examination (Z)	104	95	128
API = X* (Y/Z)	7.43	6.31	5.00
Average API = (AP1 + AP2 + AP3)/3	6.24		
Academic Performance Level = 1.5 * Average API	9.37		

**Table B.4.4**



**JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE, JAIPUR  
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**4.5. Placement, Higher Studies and Entrepreneurship (40)**

Assessment Points = 40 x average placement

**Placement, higher studies and entrepreneurship for past three years**

Item	CAY (2021-22)	CAYm1 (2020-21)	CAYm2 (2019-20)
Total No. of Final Year Students (N)	95	128	136
No. of students placed in companies or Government Sector (x)	48	67	77
No. of students admitted to higher studies with valid qualifying scores (GATE or equivalent State or National Level Tests, GRE, GMAT etc.) (y)	00	00	01
No. of students turned entrepreneur in engineering/technology (z)	00	00	03
$x + y + z =$	48	67	81
Placement Index : $(x + y + z)/N$	0.50	0.52	0.59
Average placement = $(P1 + P2 + P3)/3$	0.53		
Assessment Points = 40 x average placement	21.46		

**Table B.4.5**

**4.6. Professional Activities (20)**

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

**List of Professional Societies/ Organizing Engineering Events in CAY (2020-21)**

DEPARTMENT OF ELECTRICAL ENGINEERING

JECRC JAIPUR

QUALITY INITIATIVE (2021-22)

YEAR	NAME OF QUALITY INITIATIVE	DATE OF CONDUCTING ACTIVITY	NUMBER OF PARTICIPANTS	DEPARTMENT FACULTY CO-ORDINATOR
2022	Career Opportunities for Engineer	30.03.2022	45	Mr Vishal Sharma & Ms Nupur Yadav
2022	Career Seminar on How to crack Gate PSU exams	29.04.2022	59	Mr Vishal Sharma, Ms Neha Agrawal & Ms Jisha Varghese
2022	Industrial visit for IV year students at BSDU	20-04-2022	22	Mr L. Senthil



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2022	Industrial visit for III year students (section A) at BSDU	21-04-2022	34	Ms Ritu Soni & Mr Shailendra Srivastava
2022	Industrial visit for III year students (section B) at BSDU	22-04-2022	40	Mr Vishal Sharma & Ms Nupur Yadav
2021	One Day Seminar on Engineer's Day Celebration	15.09.2021	36	Ms Nupur Yadav & Mr Ashok Singh Chundawat
2021	One Day Seminar on Teacher's Day Celebration	06.09.2021	38	Ms Nupur Yadav & Ms Ritu Soni
2021	One Day Seminar on World Heart Day	23.09.2021	55	Ms Neha Agrawal & Ms Jisha Varghese
2022	Seminar on National Science Day	28.02.2022	38	Ms Neha Agrawal & Ms Jisha Varghese
2022	ICT based Short Term Course on "Basics of hardware in loop Simulation".	(02-06).05.2022	8	Mr Ram Singh & Mr Gopal Tiwari
2022	Technical Event – TECH HUNT	26.02.2022	30	Ms Neha Agrawal & Ms Jisha Varghese
2022	Technical Event – TECHNOROCK	28.03.2022	18	Ms Nupur Yadav & Ms Ritu Soni
2021	Technical Event – APPIE	19-02-2022	52	Mr Ram Singh , Mr Gopal Tiwari & Mr Vishal Sharma
2022	Technical Event – TAMBOLA	07-05-2022	165	Mr Ram Singh & Mr Gopal Tiwari Mr Vishal Sharma and Mr Shailendra Srivastava
2022	Technical Event – TECHNOCRAZY	09-04-2022	17	Mr L. Senthil & Ms Sonali Chadha
2022	Workshop on IOT	(1-2)-10-2021	29	Mr Ram Singh & Mr Gopal Tiwari



2021	Workshop on Solar PV System	(27-28)-09-2021	26	Mr Ram Singh & Mr Gopal Tiwari
2021	Workshop on Embedded System	(25-26)-02-2022	33	Mr L. Senthil & Ms Sonali Chadha
2021	Workshop on C Programming Language	(28-29)-01-2022	30	Mr L. Senthil & Ms Sonali Chadha
2022	4 <sup>th</sup> National Conference on 'Recent Trends and Smart Technologies in Electrical Engineering-2022'	20.05.2022-21.05.2022	95	Dr Prerak Bhardwaj & EE Faculty Members
2021	Add on Courses-A Fundamental Course on Embedded System	01-03-2022 to 30-03-2022	55	Mr L. Senthil & Ms Sonali Chadha
2021	Add on Courses-Elementary Course on C programming language	01-02-2022 to 28-02-2022	52	Mr L. Senthil & Ms Sonali Chadha
2021	Add on Courses- IOT and Python	04-10-2021 to 18-10-2021	29	Mr Ram Singh & Mr Gopal Tiwari
2021	Add on Courses- Solar PV, PLC & SCADA	04-10-2021 to 18-10-2021	26	Mr Ram Singh & Mr Gopal Tiwari

#### 4.6.2. Publication of Technical Magazines, Newsletters, etc. (5)

##### List of Publication of Newsletters

S.No.	Academic Year	Name of The Newsletter	Month and Year of Publication	Name of editors	Name of Publishers	PO/PSO
1.	2021-22	TESLA	Every Month	Ms. Sonali Chadha	Electrical Department	PO10,PO 12

## 5. FACULTY INFORMATION AND CONTRIBUTION (200)

Faculty information for three assessment year

## Faculty Information (Session 2021-22)

Name of the Faculty Member	Qualification			Association with the Institution	Designation	Date on which Designated as Professor/Associate Professor	Date of Joining the Institution	Department	Specialization	Academic Research			Currently Associated (Y/N) Date of Leaving (In case Currently Associated ("No" )	Nature of Association (Regular/ Contract)
	Degree (highest degree)	University	Year of attaining higher qualification							Research Paper Publications	Ph.D. Guidance	Faculty Receiving Ph.D. during the Assessment Years		
Dr. Prerak Bhardwaj	Ph.D	MNIT	2019	3.10 Yr.	Associate Professor		13-Aug-18	EE	Power Electronics		Nil	NO	Y	Regular
Ms. Jisha Varghese	M.Tech	JNIT	2013	11.10 Yr	Assistant Professor		15-Feb-11	EE	Instr. & Control		Nil	NO	Y	Regular
Mr. Gopal Tiwari	M.Tech	NITTR	2018	7.10 Yr.	Assistant Professor		27-Aug-14	EE	Instr. & Control		Nil	NO	Y	Regular
Ms. Sonali Chadha	M.Tech	MNIT	2011	10.5 Yr.	Assistant Professor		16-Jan-12	EE	Power System		Nil	NO	Y	Regular
Mr. L Senthil	M.Tech	RTU	2014	10.4 Yr	Assistant Professor		06-Feb-12	EE	Power System		Nil	NO	Y	Regular
Mr. Shailendra Srivastava	M.Tech	RTU	2010	5.11 Yr.	Assistant Professor		25-Jul-16	EE	Power System		Nil	NO	Y	Regular
Mr. Vishal Sharma	M.Tech	MNIT	2011	5.9 Yr.	Assistant Professor		21-Sep-16	EE	Power System		Nil	NO	Y	Regular
Mr. Sunil Kumar Sharma	M.Tech	RTU	2018	10.2 Yr.	Assistant Professor		24-Apr-12	EE	Power System		Nil	NO	Y	Regular
Ms. Ritu Soni	M.Tech	RGPV		2.6 Yr.	Assistant Professor		13-Dec-19	EE	Power System		Nil	NO	Y	Regular
Ms. Nupur Yadav	M.Tech	RTU	2018	3.10 Yr.	Assistant Professor		13-Aug-18	EE	Power System		Nil	NO	Y	Regular
Mrs. Neha Agrawal	M.Tech	RTU	2019	6.11 Yr.	Assistant Professor		13-Jul-15	EE	Power System		Nil	NO	Y	Regular
Mr. Ram Singh	B.Tech			11.11 Yr	Assistant Professor		28-Jul-10	EE			Nil	NO	Y	Regular
Mr. Vishnu Dutt Sharma	B.Tech			10.5 Yr.	Assistant Professor		04-Jan-12	EE			Nil	NO	Y	Regular
Mr. Praveen Kumar Goyal	B.Tech			5.9 Yr.	Assistant Professor		02-Sep-16	EE			Nil	NO	Y	Regular
Mr. Suresh Gurjar	B.Tech				Assistant Professor			EE			Nil	NO	Y	Regular

Table B.5a

**Faculty Information (Session 2020-21)**

Name of the Faculty Member	Qualification			Association with the Institution	Designation	Date on which Designated as Professor/Associate Professor	Date of Joining the Institution	Department	Specialization	Academic Research			Currently Associated (Y/N) Date of Leaving (In case Currently Associated ("No"))	Nature of Association (Regular/Contract)
	Degree (highest degree)	University	Year of attaining higher qualification							Research Paper Publications	Ph.D. Guidance	Faculty Receiving Ph.D. during the Assessment Years		
Dr. Prerak Bhardwaj	Ph.D	MNIT	2019	2.10 Yr.	Associate Professor		13-Aug-18	EE	Power Electronics		Nil	NO	Y	Regular
Ms. Jisha Varghese	M.Tech	JNIT	2013	10.4 Yr.	Assistant Professor		15-Feb-11	EE	Instr. & Control		Nil	NO	Y	Regular
Mr. Gopal Tiwari	M.Tech	NITTR	2018	6.10 Yr.	Assistant Professor		27-Aug-14	EE	Instr. & Control		Nil	NO	Y	Regular
Ms. Sonali Chadha	M.Tech	MNIT	2011	9.5 Yr.	Assistant Professor		16-Jan-12	EE	Power System		Nil	NO	Y	Regular
Mr. L Senthil	M.Tech	RTU	2014	9.4 Yr.	Assistant Professor		06-Feb-12	EE	Power System		Nil	NO	Y	Regular
Mr. Shailendra Srivastava	M.Tech	RTU	2010	4.11 Yr.	Assistant Professor		25-Jul-16	EE	Power System		Nil	NO	Y	Regular
Mr. Vishal Sharma	M.Tech	MNIT	2011	4.9 Yr.	Assistant Professor		21-Sep-16	EE	Power System		Nil	NO	Y	Regular
Mr. Ashok S. Chundawat	M.Tech	SLIET	2015	4.11 Yr.	Assistant Professor		21-Jul-16	EE	Instr. & Control		Nil	NO	Y	Regular
Ms. Ritu Soni	M.Tech	RGPV		1.6 Yr.	Assistant Professor		13-Dec-19	EE	Power System		Nil	NO	Y	Regular
Mr. Sunil Kumar Sharma	M.Tech	RTU	2018	9.2 Yr.	Assistant Professor		24-Apr-12	EE	Power System		Nil	NO	Y	Regular
Ms. Nupur Yadav	M.Tech	RTU	2018	2.10 Yr.	Assistant Professor		13-Aug-18	EE	Power System		Nil	NO	Y	Regular
Mrs. Neha Agrawal	M.Tech		20119	5.9 Yr.	Assistant Professor		13-Jul-15	EE	Power System		Nil	NO	Y	Regular
Mr. Ram Singh	B.Tech			10.11 Yr.	Assistant Professor		28-Jul-10	EE			Nil	NO	Y	Regular
Mr. Vishnu Dutt Sharma	B.Tech			9.5 Yr.	Assistant Professor		04-Jan-12	EE			Nil	NO	Y	Regular
Mr. Praveen Kumar Goyal	B.Tech			4.9 Yr	Assistant Professor		02-Sep-16	EE			Nil	NO	Y	Regular
Mr. Suresh Gurjar	B.Tech				Assistant Professor			EE			Nil	Nil	Y	Regular

**Table B.5b**

**Faculty Information (Session 2019-20)**

Name of the Faculty Member	Qualification			Association with the Institution	Designation	Date on which Designated as Professor/Associate Professor	Date of Joining the Institution	Department	Specialization	Academic Research			Currently Associated (Y/N) Date of Leaving (In case Currently Associated is "No")	Nature of Association (Regular/Contract)
	Degree (highest degree)	University	Year of attaining higher qualification							Research Paper Publications	Ph.D. Guidance	Faculty Receiving Ph.D. during the Assessment Years		
Dr. Ravindra Pratap Singh	Ph.D			1.6 Yr.	Professor (Visiting)		01-Dec-18	EE			Nil	NO	Y	Contract
Dr. Prerak Bhardwaj	Ph.D	MNIT	2019	1.10 Yr.	Assistant Professor		13-Aug-18	EE	Power Electronics		Nil	NO	Y	Regular
Ms. Jisha Varghese	M.Tech	JNIT	2013	9.4 Yr.	Assistant Professor		15-Feb-11	EE	Instr. & Control		Nil	NO	Y	Regular
Mr. Gopal Tiwari	M.Tech	NITTR	2018	5.10 Yr.	Assistant Professor		27-Aug-14	EE	Instr. & Control		Nil	NO	Y	Regular
Ms. Sonali Chadha	M.Tech	MNIT	2011	8.5 Yr.	Assistant Professor		16-Jan-12	EE	Power System		Nil	NO	Y	Regular
Mr. L Senthil	M.Tech	RTU	2014	8.4 Yr.	Assistant Professor		06-Feb-12	EE	Power System		Nil	NO	Y	Regular
Ms. Ritu Soni	M.Tech	RGPV		0.6 Yr.	Assistant Professor		13-Dec-19	EE	Power System		Nil	NO	Y	Regular
Mr. Vishal Sharma	M.Tech	MNIT	2011	3.9 Yr.	Assistant Professor		21-Sep-16	EE	Power System		Nil	NO	Y	Regular
Mr. Ashok S. Chundawat	M.Tech			3.11 Yr.	Assistant Professor		21-Jul-16	EE	Instr. & Control		Nil	NO	Y	Regular
Mr. Rahul Kumar Malee	M.Tech	MNIT		3.11 Yr.	Assistant Professor		20-Jul-16	EE	Power System		Nil	NO	Y	Regular
Mr. Sunil Kumar Sharma	M.Tech	RTU	2018	8.2 Yr.	Assistant Professor		24-Apr-12	EE	Power System		Nil	NO	Y	Regular
Mrs. Divya Mathur	M.Tech			1.6 Yr.	Assistant Professor (Visiting)		10-Dec-18	EE	Power System		Nil	NO	Y	Contract
Mr. Atul Kulshreshtha	M.Tech	MNIT		4.5 Yr.	Assistant Professor		16-Jan-16	EE	Power System		Nil	NO	Y	Regular
Mr. Shailendra Srivastava	M.Tech	RTU	2010	3.11 Yr.	Assistant Professor		25-Jul-16	EE	Power System		Nil	NO	Y	Regular
Ms. Nupur Yadav	M.Tech	RTU	2018	1.10 Yr.	Assistant Professor		13-Aug-18	EE	Power System		Nil	NO	Y	Regular
Mr. Vishnu Dutt Sharma	B.Tech			8.5 Yr.	Assistant Professor		04-Jan-12	EE			Nil	NO	Y	Regular
Mr. Praveen Kumar Goyal	B.Tech			3.9 Yr.	Assistant Professor		02-Sep-16	EE			Nil	NO	Y	Regular
Mrs. Neha Agrawal	B.Tech			4.9 Yr.	Assistant Professor		13-Jul-15	EE			Nil	NO	Y	Regular
Mr. Ram Singh	B.Tech			9.11 Yr.	Assistant Professor		28-Jul-10	EE			Nil	NO	Y	Regular

**Table B.5c**

## 5.1 Student Faculty Ratio [20]

<b>Year</b>	<b>CAY 2021-22</b>	<b>CAY m1 2020-21</b>	<b>CAY m2 2019-20</b>
u1.1	88	104	95
u1.2	104	95	128
u1.3	95	128	136
UG1	<b>287</b>	<b>327</b>	<b>359</b>
u2.1	0	0	0
u2.2	0	0	0
U2.3	0	0	0
UG2	0	0	0
Total No. of Students in the Department (S)	<b>287</b>	<b>327</b>	<b>359</b>
No. of Faculty in the Department (F)	<b>15</b>	<b>16</b>	<b>19</b>
Student Faculty Ratio (SFR)	<b>19.13</b>	<b>20.43</b>	<b>18.89</b>
Average SFR	<b>19.48</b>		
Marks	<b>16</b>		

**Table B 5.1**

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

	<b>Total number of regular faculty in the department</b>	<b>Total number of contractual faculty in the department</b>
<b>CAY</b>	15	Nil
<b>CAYm1</b>	16	Nil
<b>CAYm2</b>	17	02

***Table 5.1.1***

## 5.2 Faculty Cadre Proportion [25]

S.No.	Designation	CAYm1 2020-21			CAYM 2021-22		
		With PhD.		Without PhD.	With PhD.		Without PhD.
		Regular	Contractual		Regular	Contractual	
1	Professor	0	0	0	0	0	0
2	Associate Professor	1	0	0	1	0	0
3	Assistant Professor	0	0	15	0	0	14
4	Total number of Faculty in the Department	1	0	15	1	0	14

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 B2.1

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 B2.1  
 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 B2.1

Year	Professors		Associate Professors		Assistant Professors	
	Required F1	Available	Required F2	Available	Required F3	Available
<i>CAY 2021-22</i>	2	0	4	1	12	14
<i>CAY 2020-21</i>	2	0	4	1	12	15
<i>CAY 2019-20</i>	2	1	4	1	12	18
Average Numbers	2	0.33	4	1	12	15.66



**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)

	<b>X</b>	<b>Y</b>	<b>F</b>	<b>FQ=2.5x[(10X+4Y)/F]</b>
<b>CAY</b>	1	10	14.35	8.71
<b>CAYm1</b>	1	10	16.35	07.64
<b>CAYm2</b>	2	13	17.95	10.02
<b>Average Assessment</b>				8.79

**TableB.5.3**

#### 5.4 Faculty Retention [25]

No. of regular faculty members in CAYm3 2018-19= 21

CAYm2 2019-20 = 19

Percentage Faculty retention = 90.47%

CAYm1 2020-21= 16

Percentage Faculty retention =84.21 %

CAY 2021-22= 15

Percentage Faculty retention =93.75%

Average Percentage = 89.47 %

Marks = 20

<b>Item</b>	<b>Marks</b>
(% of faculty retained during the period of assessment keeping CAYm3 as base year)	
>=90% of required Faculty members retained during the period of assessment keeping CAYm3 as base year)	25
>=75% of required Faculty members retained during the period of assessment keeping CAYm3 as base year)	20
>=60% of required Faculty members retained during the period of assessment keeping CAYm3 as base year)	15
>=50% of required Faculty members retained during the period of assessment keeping CAYm3 as base year)	10
<50% of required Faculty members retained during the period of assessment keeping CAYm3 as base year)	0

Table B.5.4

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

Institute adheres to academic calendar by incorporating various activities through which students are exposed to experimental learning, participative learning and problem solving methodologies.

All the faculty members use ICT enabled tools for effective teaching learning and in this process every faculty member has uploaded their video recording (by performing experiments) on website [www.jecrcfoundation.com](http://www.jecrcfoundation.com) under tab Student's Corner, and have also uploaded the handouts of course material under this tool. It is one of the innovative practices by faculty members where any student from anywhere can access the same.

The college has signed MoU with IIT Delhi for utilizing virtual lab tools. Faculty members are utilizing this tool in each department and students are exposed to virtual lab platform.

With the help of IIT Delhi all the lectures of NPTEL are been uploaded on intranet of college and faculty members also refer these lectures while delivering quality education to students.

Various subjects are mapped with Swayam Prabha portal and lectures from Swayam Prabha are also referred for quality education and also uploaded on student corner tab in ICT.

Industry interaction through ICT tool is done by organizing various webinars of alumni, industry experts and a tool MYTAT that provides add on courses, internships opportunities with more than 5000 industries.

Students are also provided with on-line classes by faculty members due to Covid Protocol is one of the ICT tool for effective teaching.

Further all ICT tools are visible to students and utilized through open access through [www.jecrcfoundation.com](http://www.jecrcfoundation.com) and are also mapped with program outcomes as direct or indirect tool for assessment.

**5.6 Faculty as participants in Faculty development/training activities/STTPs [15]**

<b>Details of the participation(Faculty development /training activities/STTPs)</b>			
<b>Name of the faculty</b>	<b>2021-2022</b>	<b>[2020-21]</b>	<b>[2019-20]</b>
Vishal Sharma	2	3	3
Neha Agrawal	2	4	3
Gopal Tiwari	2	2	2
Ram Singh	2	4	4
Nupur Yadav	2	0	1
Dr Prerak Bhardwaj	2	6	2
Sonali Chadha	<b>2</b>	<b>3</b>	2
L.Senthil	2	2	2
Sunil K Sharma	2	2	2
Shailendra Shrivastava	2	2	2



### 5.7.2 Sponsored Research (05)

- Nil

### 5.7.3 Development activities (10)

- Electrical Vehicle Work Bench has been developed in the department in session 2021-2022.



### 5.7.4 Consultancy (from Industry) (05)

- Nil

<p>5.8</p>	<p><b>Faculty Performance and appraisal and development system (FPADS)</b></p>	<ol style="list-style-type: none"> <li>1. Faculty appraisal form has been revised.</li> <li>2. There are laid down guidelines for the assessment of teaching staff on the basis of various criteria in appraisal form such as <ul style="list-style-type: none"> <li>• AcademicResult</li> <li>• ResearchPublication</li> <li>• FDP</li> <li>• NationalandInternationalconference</li> <li>• Researchgrant</li> <li>• Patent</li> <li>• Newskill</li> <li>• Innovation in Teaching</li> <li>• Technicalactivityorganized</li> <li>• SocialInitiatives</li> <li>• Participation in institutelevel activity</li> <li>• Awardreceived etc.</li> </ul> </li> <li>3. The performance of each employee is assessed annually.</li> <li>4. The outcome of the performance appraisal will reflect in the annual increment, incentives and the promotion of the faculty. Also, appreciation/ advisory are given to faculty members according to their performance.</li> <li>5. Appraisal system motivates the faculty members for higher study. 04 faculty members are enrolled in PhD programme.</li> </ol>
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### **5.9 Visiting/Adjunct/Emeritus Faculty etc.(10)**

- Two visiting faculty are associated with the department.



## 6. FACILITIES AND TECHNICAL SUPPORT (80)

### 6.1. Adequate and well equipped laboratories, and technical manpower (30)

Sr.	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)	Technical Manpower support		
					Name of the technical staff	Designation	Qualification
1	Analog Electronics Lab (3EE4-21)	2 (22)	Series Voltage Regulator, Shunt Voltage Regulator, Wein's Bridge Oscillator, FET Common Source Amp. Push Pull Amp. Phase Shift Oscillator, Hartley Colpitt Oscillator, UJT Characteristics, UJT Relaxation, MOSFET, CMOS IC, Digital Storage CRO, Function Generator(6), CRO(6)	8	Mr. Amit Jain	Lab Technician	Diploma
2	Electrical Machine-I Lab (3EE4-22)	2 (22)	DC Motor Characteristics, Single Phase Transformer open Circuit Short Circuit, Voltage revolution, Block Rotor Test, Sumpner Test	16	Mr Sombir Sharma	Lab Technician	Diploma
3	Electrical circuit design Lab (3EE4-23 E)	2 (22)	Digital Multimeter, Soldering iron, Soldering Paste, Soldering wire ,Function Generator, CRO, Wire cutter ,hookup wire, Screw driver Set Electronics component like:- PCB (Printed circuit board),Component Rack, Capacitor, Resistors, Diode ,Transistor,555IC,LM7805,LM7812 ,Electric Fan, Battery, Transistor kit, Different Electronics loose components	16	Mr Rajkumar	Lab Technician	B. Tech
4	Electrical Machine - II Lab (4EE4-21)	2 (22)	Ammeter(MI,(0-2A,0-15A)), Voltmeter(MI,(0-300V,0-30V)), Wattmeter(Dyanamometer,(1/2A,250V)),Wattmeter(Dyanamometer,(5/10A,75V)),Single phase variac, (Type,(230/0-270V,8A)), Single phase auto transformer,(8A,0-250V), connecting leads, (0-470V,8A Ammeter, (digital,0-2A)), Ammeter, (digital,0-10)), Ammeter, (digital,0-500)), Motor, (DC Shunt motor, [1500rpm/220V/14A/3hp],	16	Mr. Sombir Sharma	Lab Technician	Diploma

			Rheostat,(150om/1A), Rheostat,(150om/1.6A), Digital tech., (Digi.), (0-3000 RPM Resistive load				
5	Power Electronic s Lab (4EE4- 22)	2 (22)	Cathode ray oscilloscope (CRO), Digital Multimeter, Function Generator, Auto Transformer, Tachometer, Ammeter, Voltmeter, Soldering Iron and PCB, Display Board Diode, Transistor, Thyristor, DIAC, TRAIC, MOSFET, FET, V-I Characteristics of SCR module, V-I Characteristics of TRAIC and DIAC module, Transfer Characteristics of MOSFET and IGBT module, Output Characteristics of MOSFET and IGBT module, UJT Characteristics module, SCR Firing Circuit module, Single phase rectifier, Control the speed of a DC Motor using SCR	16	Mr Vishwas Verma	Lab Technicia n	B. Tech
6	Digital Electronic s Lab	2 (22)	Sciencetech Digital Kit(5), Digital Trainer Kit(10)	8	Mr. Ramavta r Saini	Lab Technicia n	Diplom a in electron ics
7	Measure ment Lab (4EE3- 24)	2 (22)	Wein's Bridge (Capacity), Anderson's Bridge Wein's Bridge (frequency). Single Phase Energy Meter. Oil Testing, Schering Bridge Relays, Crompton Potentiometer	8	Mr. Harsh Rawat	Lab Technicia n	Diplom a in Electric al
8	Power System - I Lab(5EE4 -21)	2 (25)	dielectric strength of transformer oil., Calculation of conductor size using Kelvin's law	8	Mr. Vishwas Verma	Lab Instructor	Diplom a in Electric al
	Control System Lab (5EE4- 22)	2 (25)	MATLAB (Software)	8	Mr. Harsh Rawat	Lab Technicia n	Diplom a in Electric al
9	Micropro cessor Lab (5EE4- 23)	2 (25)	Microprocessor kit 8085(15)	8	Mr. Rajkuma r	Lab Technicia n	B. Tech
10	System Program ming Lab(5EE4 -24)	2 (25)	MATLAB (Software)	8	Mr. Harsh Rawat	Lab Technicia n	Diplom a in Electric al

11	Power System - II Lab(6EE4-21)	2 (25)	Over current relay, Buchholz relay	16	Mr Vishwas Verma	Lab Instructor	Diploma in Electrical
12	Electric Drives Lab (6EE4-22)	2 (25)	Three phase half controlled bridge rectifier (Kit), Three phase full controlled bridge rectifier (Kit)	16	Mr Rajkumar	Lab Technician	B.Tech
13	Power System Protection Lab (6EE4-23)	2 (25)	MATLAB (Software)	8	Mr Harsh Rawat	Lab Technician	Diploma in Electrical
14	Modelling and simulation lab(6EE4-24)	2 (25)	MATLAB (Software)	8	Mr Harsh Rawat	Lab Technician	Diploma in Electrical
15	Embedded Systems Lab (7EE4-21)	2 (25)	Protieus Software	16	Ms Vaishali	Lab Technician	B.Tech.
16	Advance control system lab (7EE4-22)	2 (25)	MATLAB (Software)	16	Mr Rajkumar	Lab Technician	B.Tech
17	Energy Systems Lab (8EE4-21)	2 (25)	MATLAB (Software)	16	Mr Rajkumar	Lab Technician	B.Tech

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

S. 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	Internet facility	150 Mbps	Self-learning / seminars / presentations / solve assignments	As needed	For exploring the new ideas and literature	PO1, PO5, PO12
5	Smart class room	Fully equipped class room with projector	To demonstrate	As needed	Presentation/ seminars	PO5, PO10
7	Department library	Text books and references books	Additional support for students	As needed	Curriculum specified subjects	PO1,PO6
9	Video's from NPTEL, etc.	Displayed in the smart class room	In-depth knowledge of respective subjects	As needed	Various electrical subjects	PO1,PO6 , PO10
10	e-books facility	e-learning materials, journal and magazines	To know about recent trends in science and technology and update the subject knowledge using various books and journals	As needed	Engineering and technology etc.	PO1,PO2 , PO6

Additional Facilities mapping with PO mapping

PO Facility	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Internet facility	<b>M</b>				<b>L</b>							<b>H</b>
Smart class room					<b>M</b>					<b>M</b>		
Department library	<b>M</b>					<b>M</b>						
Video's from NPTEL, etc.	<b>H</b>					<b>H</b>				<b>M</b>		
e-books facility	<b>H</b>	<b>M</b>				<b>M</b>				<b>M</b>		

### 6.3. Laboratories: Maintenance and overall ambiance (10)

(Self-Explanatory)

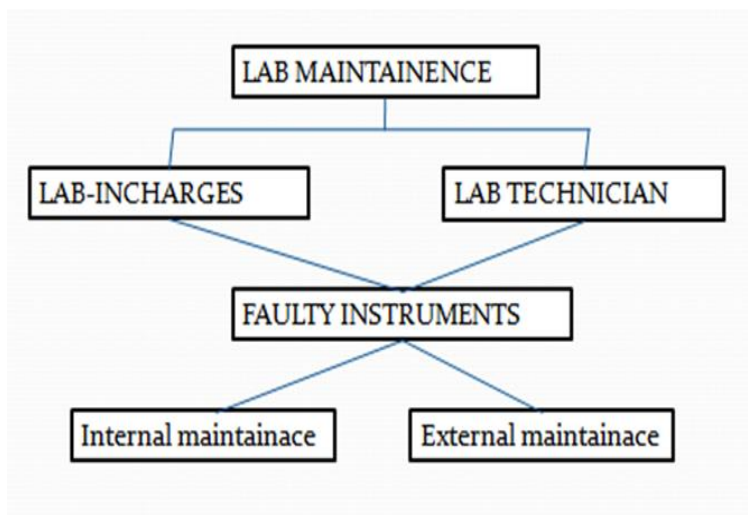
#### Infrastructure and Facility of the Electrical Department:

S. No.	Infrastructure and Facility	Maintenance Description
1	Laboratories	Regular maintenance of equipment's is done. Budget is prepared based on academic requirement.
2	Equipment	Regular maintenance and records of equipment's is maintained.
3	Computers	Lab technician of computer Lab is responsible for maintenance of systems and software.
4	Department Library	A faculty member is assigned as in-charge of department library. Students and faculty members of department will make use of the books available.
5	Internet /Intranet	Internet related matters are maintained by computer lab technician.
6	Electricity	Electrical maintenance will be carried by electrical maintenance incharge.

#### Maintenance Description

#### Ambience of the Electrical Department

1	Department has sufficient number of laboratories as per academic requirement.
2	Faculty members are provided with cabins with all the necessary facilities.
3	The lab premises and the experimental setup/equipments are kept in good working conditions
4	Display of CO's, PO's, PEO's and display charts of the laboratories is maintained.
5	Preventive maintenance of the equipment's carried out on regular basis. In case of major failure / repair, the service is carried out from external service providers.
6	First Aid facility is maintained and monitored regularly.
7	Cleanliness is maintained in the department by disposing all the waste material on a daily basis with the help of sufficient man-power
8	Stock registers are maintained in the separate laboratories and verified regularly.



### **Lab maintenance Process**

#### **(1)Lab Feedback:**

Meeting arranges by HoD with the Lab In charge.

All issue regarding Lab discuss like maintenance, requirement and set up of lab (Within 15 days)

A feedback regarding lab also taken from student.

All Data are collected.

#### **(2)Lab Feedback corrective action :**

HOD discusses all feedback with Departmental lab In charge.

Departmental Lab in charge collected all lab status and requirement with budget.

### **Lab Maintenance Record**

<b>S. No.</b>	<b>Academic Year</b>	<b>Lab Maintenance Record</b>	<b>URL of Record</b>
1	2021-22	Record 2021-22	<a href="https://drive.google.com/file/d/14YHAWlwKQTX82P_BqDTE3nQW1tlcGdd7/view?usp=sharing">Sample (https://drive.google.com/file/d/14YHAWlwKQTX82P_BqDTE3nQW1tlcGdd7/view?usp=sharing)</a>

## 6.4 Project laboratory: (5)

### Facilities for Project Lab

1	Project lab with necessary facilities is provided for carrying out project work.
2	Every project batch has been allotted with guide in order to pursue with their project work.
3	Internet facility is provided to students. (CAD LAB)
4	The old project reports and the project models are kept in the project lab premises.

### Courses Outcomes

#### Subject-Project


Code- 8EE7-50

CO1	Student will be able to formulate a real time innovation problem related to engineering society, environment, and apply prior knowledge/skill to analyze problem
CO2	Design a methodology based on the inferences drawn out of literature survey to solve the problem using modern tools of engineering and be able to evaluate one's own work with expected outcome
CO3	Students will be able to learn skills to lead and work in a team manage project in phases learn financial aspects technical report writing and present work in as per predefined guidelines

### Mapping of Projects with PO/PSO's

Subject Code	COs	Program Outcomes (POs)													
		PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12	PSO1	PSO2
8EE7-50	CO-1	3	3	2	2	2	3	3	3	2	2	2	3	3	3
	CO-2	2	3	3	3	3	2	2	2	2	3	2	3	3	3
	CO-3	2	2	2	2	2	2	2	3	3	3	3	3	3	3
	AVG	2.33	2.67	2.33	2.33	2.33	2.33	2.33	2.67	2.33	2.67	2.33	3.00	3.00	3.00

Project allocation flow chart and project assessment flow chart are shown in the figure below. Also, the marks breakup of the presentation as well project are also given in the following table

 JEEERC JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE	<b>Jaipur Engineering College and Research Centre</b> <b>Shri Ram ki Nangal, via Sitapura RIICO</b> <b>Jaipur- 302 022.</b>	<b>Academic year</b> <b>2021-2022</b>
<b>Department of Electrical Engineering</b>		

### Project Stages and Guidelines

#### **Stage 1: Formation of Groups**

Students groups are formed by project coordinators depending on the SGPA/CGPA of students. The groups formed include the mixed strength of both weak and strong students. Among the group of five members, it is must to include one female student, if possible.

#### **Stage 2: Selection of Supervisor**

Research areas of the faculties are shared with the students and ask them to select the guide as per their interest and skills.

#### **Stage 3: Assignment of Supervisor/Project Guide to each Group**

Students will share their interest with the project guide and based on the result of the mutual discussion between the students groups and guide, the project guide will submit the registration form of the selected project group to the project incharge.

#### **Stage 4: Submission of Synopsis report**

After the assignment of the guide, the students are asked to submit the synopsis report. It is a two page report which includes the abstract and introduction about your research work.

#### **Stage 5: Synopsis Presentation:**

- Each group will present their idea about the project in the form of 5 minutes power point presentation.
- The project coordinators and faculty members will evaluate each project according to feasibility, future applications, social impact and technological advancements.
- In this assessment, if the project is approved then each student group will submit the hard copy of synopsis report to the project coordinator duly signed by the project supervisor.
- If the project is not approved , then you have to submit another Synopsis report until the project is approved by the committee of faculties, supervisor and coordinator

#### **Stage 6: Project Status Report (PSR) by supervisor**

- Each group will frequently meet with the project supervisor and describe the project status.
- The status report will be submitted in a format (**attached in the appendix A**) filled handwritten.
- This status report will be duly signed by supervisor and will be attached in the final project report
- Students are encouraged to build projects for social benefits.
- They will be encouraged to apply patent on their project and write a research paper (Conference/Journals). Project coordinator and supervisor will provide the necessary help

#### **Stage 7: Project Status Report (PSR) by respective project lab faculty**

- The Student will attend the project lab according to the time table and perform their project work in lab.



Students will maintain a Project Book Record during the project lab

1. The Project Book Record constitutes the bonafide record of project work carried out by undergraduate research students of Institute.
  2. The Book Contains day to day record of all conceptual, analytical, laboratory and computational activities carried out by a student as a part of his project.
  3. It is a permanent record of academic activity and contains intellectual property created by student and his supervisor.
  4. The Student will record all his thoughts, observation, flow charts, and computational steps etc. directly on this notebook.
  5. The student must produce this record book before all Examination Board for Evaluation and grading of his day to day performance. The first Evaluation of the project will be made based on the record book only.
- The respective project lab faculty will evaluate the performance of each student on the basis of attendance, performance and project book record and submit the assessment report to the project coordinator.

#### **Stage 8: Submission of the Project Report**


- Each group will prepare the report according to the guidelines (**attached in appendix B**)
- First the draft copy of the report in the spiral binding will be checked by project supervisors.
- Once the supervisor approved the report, student will submit the final copy of report in the hard bound form.

#### **Stage 9: Internal Assessment**

- In internal assessment each will group and their members will indicate about the progress of the project and their specific roles to carry out the work.
- The performance will be judged based on the viva voce and quiz.
- Student will bring the draft copy of the report and their hardware for demonstration.
- The group performance will be evaluated by the demo of the project and quality of the project.


#### **Stage 10: External Exam**

- Student will bring the hardware project and the hard bound report
- External viva voce will be conducted by the external examiner.
- Final evaluation will be done taking into account the social benefits of the project, any patent applied and any research paper communicated in this regard.

	<b>Jaipur Engineering College and Research Centre</b> <b>Shri Ram ki Nangal, via Sitapura RIICO</b> <b>Jaipur- 302 022.</b>	<b>Academic year</b> <b>2021-2022</b>
	<b>Department of Electrical Engineering</b>	

**Final Year Groups Information**

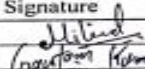
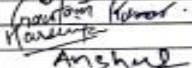
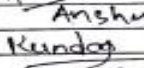
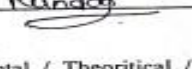
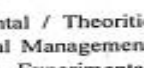
Group Information	Enrolment ID	Student Names
G1	18EJCEE003	ANISH JAIN
	18EJCEE020	GOURAV SHARMA
	18EJCEE042	MANISH PARIHAR
	18EJCEE018	GAURANG PAREEK
	18EJCEE034	KISHAN KUMAR MEENA
G2	18EJCEE004	ANSHUL BANSAL
	18EJCEE024	HARSHITA JAMER
	18EJCEE045	MILIND KUMAR
	18EJCEE019	GAUTAM KUMAR
	18EJCEE035	KUNDAN NAGAR
G3	18EJCEE008	ARPAN NYATI
	18EJCEE025	HIMANSHU SEN
	18EJCEE002	AMAN SHRIVASTAVA
	18EJCEE021	GOVINDA JADAM
	18EJCEE040	MANISH JAIN
G4	18EJCEE010	AYUSH ASWAL
	18EJCEE026	JAIDEEP GURJAR
	18EJCEE005	ANSHUMAN SHARMA
	18EJCEE022	HARSHIT JAIN
	18EJCEE043	MANOJ VAISHNAV

	<b>Jaipur Engineering College and Research Centre</b> <b>Shri Ram kiNangal, via Sitapura RIICO</b> <b>Jaipur- 302 022.</b>	<b>Academic year</b> <b>2021-2022</b>
	<b>Department of Electrical Engineering</b>	

**PROJECT REGISTRATION FORM**


Project Group Number: **G2**


Team members

Roll No.	Name of Student	Signature
18EJCEE045	Milind Kumar	
18EJCEE019	Gautam Kumar	
18EJCEE024	Harshita Jamer	
18EJCEE004	Anshul Bansal	
18EJCEE035	Kundan Nagar	

- Title of project: Parameter Fencing Security System
  - Type of Project: Fabrication / Design / Experimental / Theoretical / Industrial / Industrial Case Study / Industrial Survey / Industrial Management / Productivity / Robotics / Software and Other (specify): Design, Experimental, Software, and Industrial
  - Date of commencement:
  - Planned Duration:
  - Brief Summary of Project: Parameter Fencing Security system. A cost effective method for Fencing Security System using Raspberry Pi and USB Camera in which the image difference is used to detect an intrusion which also incorporates the live video feed over the network for continuous monitoring. Image difference is implemented using Histogram and Template Matching. And Email is used as an alert notification for the respective Owner/Admin.
  - Name of supervisor: Asst. Prof. Gopal Tiwari
- I agree to be supervisor of the project


  
Project Coordinator

  
(Signature of the Supervisor)

 JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE	JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE JECRC Campus, Shri Ram Ki Nangal, Via-Vatika,Jaipur	Academic Session: 2021-2022
	DEPARTMENT OF ELECTRICAL ENGINEERING	

### B.TECH PROJECT PROGRESS CALENDAR

S.No	Activity	Dates
1	Project Group Formation	22-11-2022
2	Submission of 3 projects topics	03-02-2022
3	Presentation by each group on 3 topics	05-02-2022
4	Finalization of project topic & allotment of guide	(15:16)-02-2022
5	Weekly progress report to guide	06-02-2022 to 14-02-2022 17-02-2022 to 25-02-2022 27-02-2022 to 05-03-2022 06-03-2022 to 12-03-2022 13-03-2022 to 19-03-2022 20-03-2022 to 31-3-2022 01-04-2022 to 09-04-2022
6	Project -I Presentation	09-04-2022
7	Submission of Project -I Report	09-04-2022
8	Project -I oral Exam	09-04-2022
9	Weekly progress report to guide	10-04-2022 to 16-04-2022 17-04-2022 to 23-04-2022 24-04-2022 to 30-04-2022 01-04-2022 to 07-04-2022 08-04-2022 to 14-04-2022
10	Project -II Presentation	20:21-05-2022
11	Submission of Project -II Report	30-05-2022
12	Project -II oral Exam	30-05-2022

 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
Department of Electrical Engineering		

#### NOTICE

Ref: JECRC/EE/Project/2022/

Date: 09-03-2022

#### Project Progress Presentation

It is to inform to all the registered students of VIII sem. (section A and B) that Project Progress Presentation will be held as per schedule given below:

Date	Day	Time	Lab Name	Venue	Group Nos.	Marks
12-03-2022	Saturday	8:30AM to 11:30PM	Project-2 Lab	BLG-14,16	1-11	25
12-03-2022	Saturday	12:30PM to 3:30 PM	Project-2 Lab	BLG-14,16	12-19	25

#### Note:

Members of all the groups will come with the following materials:

- 4-5 minutes Power Point Presentation with one Laptop.
- Students will come in formal.

Panel of assessment will be:


Lab Name	Evaluators
Project-2 Lab	Dr. Prerak Bhardwaj
	Mr Gopal Tiwari
	Mr Vishal Sharma
	Mr Shalendra Srivastava

  
 Dr Prerak Bhardwaj

(Head of the Electrical Engineering)


Copy to

- Principal office
- Project progress evaluators
- All the project guides
- Notice board -EE

 <small>JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE</small>	<b>Jaipur Engineering College and Research Centre</b> <b>Shri Ram ki Nangal, via Sitapura RHICO</b> <b>Jaipur- 302 022.</b>	<b>Academic year</b> <b>2021-2022</b>
<b>Department of Electrical Engineering</b>		

### Details of Project Category\_2021-2022

Group No	Name of student	Program	Title of project	Project Guide	Type
<b>G1</b>	18EJCEE003	ANISH JAIN	Electric Vehicle Work Bench for Two Wheeler	Mr Gopal Tiwari	Hardware based & Environment friendly
	18EJCEE020	GOURAV SHARMA			
	18EJCEE042	MANISH PARIHAR			
	18EJCEE018	GAURANG PAREEK			
	18EJCEE034	KISHAN KUMAR MEENA			
<b>G2</b>	18EJCEE004	ANSHUL BANSAL	Parameter Fencing Security System	Mr Gopal Tiwari	Software & Hardware Based
	18EJCEE024	HARSHITA JAMER			
	18EJCEE045	MILIND KUMAR			
	18EJCEE019	GAUTAM KUMAR			
	18EJCEE035	KUNDAN NAGAR			
<b>G3</b>	18EJCEE008	ARPAN NYATI	Air Purifier	Ms Sonali Chadha	Social & Hardware Based
	18EJCEE025	HIMANSHU SEN			
	18EJCEE002	AMAN SHRIVASTAVA			
	18EJCEE021	GOVINDA JADAM			
	18EJCEE040	MANISH JAIN			
<b>G4</b>	18EJCEE010	AYUSH ASWAL	Automatic Vehicle Accident Detection and Speed Alert System in Various Zones	Ms Jisha Varghese	Hardware & Software Based
	18EJCEE026	JAIDEEP GURJAR			
	18EJCEE005	ANSHUMAN SHARMA			
	18EJCEE022	HARSHIT JAIN			
	18EJCEE043	MANOJ VAISHNAV			
<b>G5</b>	18EJCEE011	BHANU SWARNKAR	Designing a GSM Based Voltage	Mr Vishal Sharma	Analytical & Hardware Based
	18EJCEE027	JASWANT SINGH			
	18EJCEE006	ANURAG BOHARA			

 JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE	JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE JECRC Campus, Shri Ram Ki Nangal, Via-Vatika,Jaipur
	<b>Department of Electrical Engineering</b> <b>Session 2021-2022</b>

**B. Tech PROJECT PROGRESS REPORT**

Branch: Electrical Engineering Year: IV Semester/Division: VIII

Group No.: G-12

Project Title: Contactless Charging of Electric Vehicle

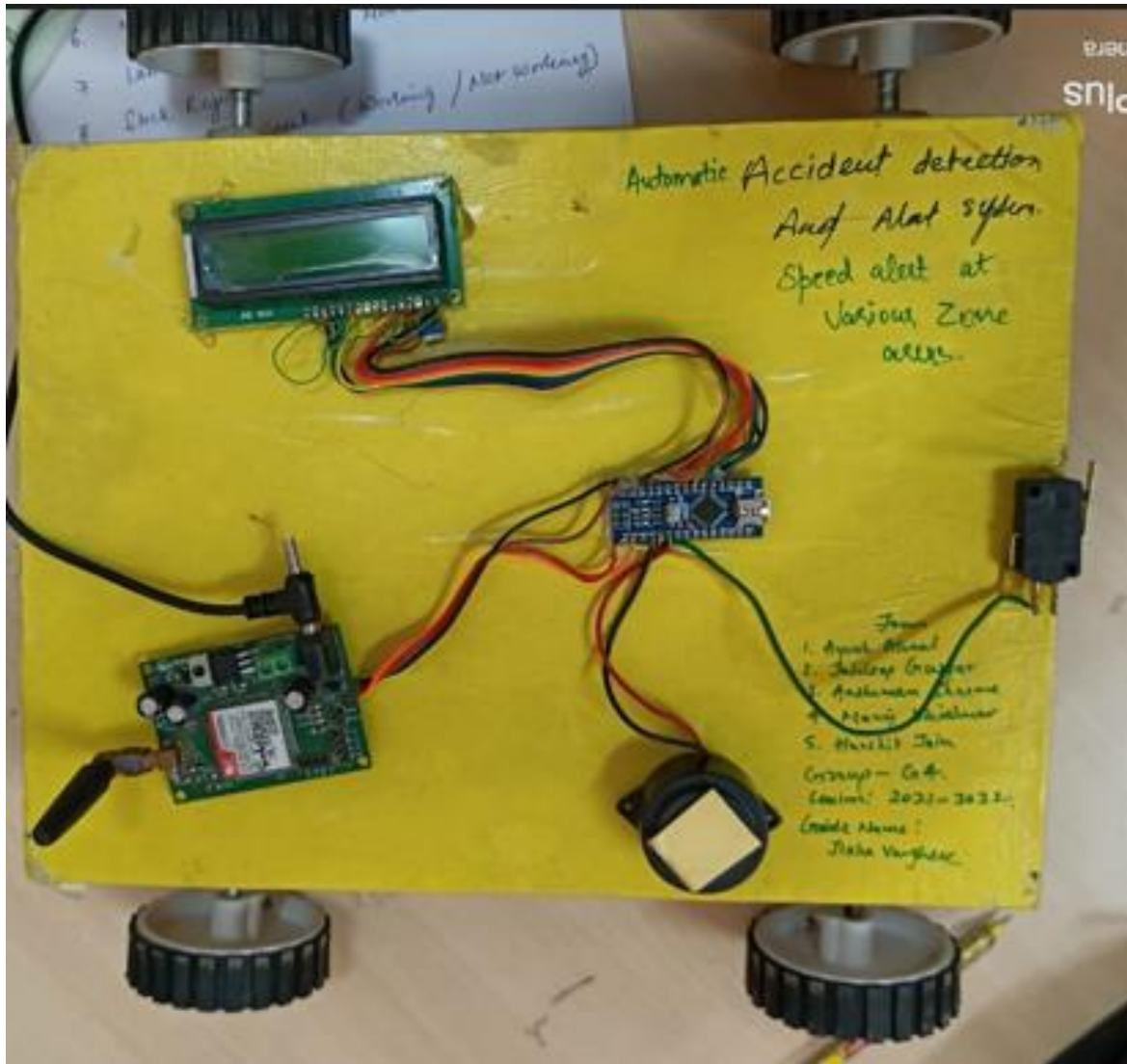
1	18EJCEE054	Parul Dhayal
2	18EJCEE079	Shubham Mittal
3	18EJCEE051	Nidant Sharma
4	18EJCEE071	Rohit Chapola
5	18EJCEE202	Ashwin Sharma

Name of Internal Guide: Ms Nupur Yadav

Sr No./ Week	Date	Work Done
1	06-02-2022 to 14-02-2022	Searching research papers for Finalizing of the project topics
2	15:16-02-2022	Finalization of project Topic
3	17-02-2022 to 25-02-2022	Reading research papers relevant to the topic of project.
4	27-02-2022 to 05-03-2022	Did literature review on Contactless Charging of Electric Vehicle
5	06-03-2022 to 12-03-2022	Discussed & decided to work on resonance coupling for charging of Electrical vehicle
6	13-03-2022 to 19-03-2022	Prepared abstract & introduction part of the report and given brief presentation on the project objective
7	20-03-2022 to 31-3-2022	Planned a layout for the prototype of the model and purchased items for making the hardware of the project.
8	01-04-2022 to 09-04-2022	Solder few parts to make electric vehicle charging and prepared for the PPT presentation.
9	09-04-2022	<b>Project - I Presentation</b>



(a)



(b)

**Pic (a) & (b) - Group-4: Automatic Vehicle Accident Detection and Speed Alert System in Various Zones**



**Group 5: Designing a GSM Based Voltage Regulating Module for 3 –Phase System**



**Group-8: Question Paper Protection System**





**Group 12: Contactless Charging of Electric Vehicle**



**Group 1: Electric Vehicle Work Bench for Electric Vehicle**

## 6.5 Safety measures in laboratories: (10)

S. No.	Safety Measures
1	The safety of equipment and wires are provided by MCB and ELCB. MCB provides protection during short circuits. Fuses provide protection from over currents. Every piece of equipment is provided with proper earthing so that it will be provide protection from internal faults
2	As the college has a multi-block academic ambience precautions have been taken for proper earthing
3	The installed fire extinguishers were inspected and refilled after regular interval time
4	The department is provided with first aid boxes in places identified to be critical. The medical aid facility is also provided in the campus and for any serious medical issues, the hospital located within a radius of 2km from college campus
5	Operation on AC/DC machines is performed under the supervision of lab technicians and all safety measures are taken during practical classes.
6	Machines have safety covers over the movable parts to insure the safety of operator
7	

### **SAFETY INSTRUCTIONS SHEET**

We need your full support and cooperation for smooth functioning of the lab.

#### **DO's**

1. Perform the experimental work precisely as directed by the faculty member/instructor.
2. Maintain lab cleanliness.
3. Report any damage to equipment or furniture immediately to your faculty member/instructor.
4. Be sure to follow safety protocols while performing experiments.
5. Shut off motors after performing the experiment.
6. Switch off fan and lights when not in use.

#### **DON'Ts**

1. Do not enter the laboratory without wearing shoes.
2. Do not touch any equipment without prior permission.
3. Do not engage in unruly behaviour or boisterous conduct in the laboratory.
4. Use of personal audio or video equipment is prohibited in the laboratory.
5. Use of cell phones is strictly prohibited.
6. Do not change the equipment setting without permission.

### **BEFORE ENTERING IN THE LAB**

1. All the students are supposed to prepare for the theory regarding the next experiment.
2. Students are supposed to bring the practical file and the lab copy.
3. Previous practical should be written in the practical file.
4. Any student not following these instructions will be denied entry in the lab.

### **WHILE WORKING IN THE LAB**

1. Adhere to experimental schedule as instructed by the lab in-charge.
2. Get the previously executed experiment signed by the instructor.
3. Get the output of the current experiment checked by the instructor in the lab copy.



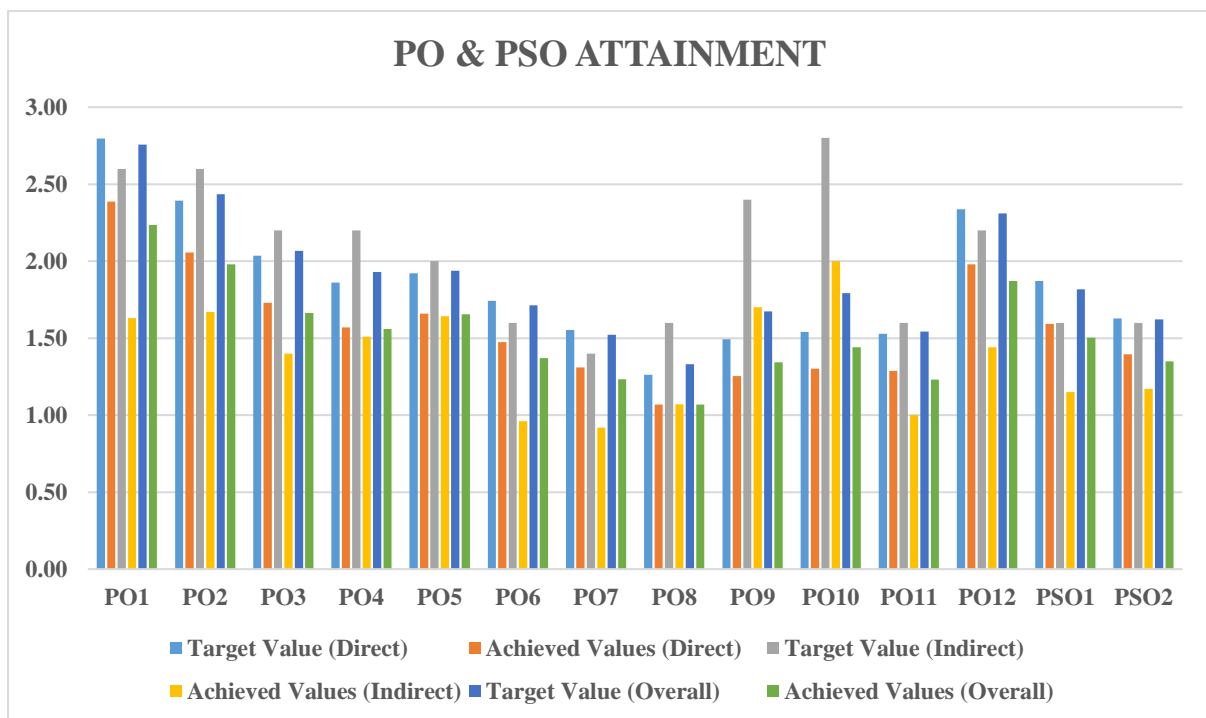
<b>CRITERION 7</b>	<b>CONTINUOUS IMPROVEMENT</b>
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<b>7.1</b>	<b>Actions taken based on the results of evaluation of each of the POs</b>
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### Program Outcomes

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, 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.
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.



**Fig.7.1 PO Attainment 2020-21**

Identify the areas of weaknesses in the program based on the analysis of evaluation of POs attainment levels. Planned measures identified and implemented to improve POs attainment levels for the assessment years.

**PO Attainment Levels and Actions for improvement CAY: Current Academic Year 2020-21**

POs	Target level	Attainment level	Observations
<b>PO1: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.</b>			
<b>PO1</b>	<b>2.76</b>	<b>2.23</b>	<p><b>Achieved Attainment is low</b></p> <p><b>Observations :</b></p> <p>1 Students mostly Diploma (Lateral Entry) Students are not able to solve higher integration problems.</p> <p>2. Students are not able to apply basic knowledge of mathematics, science, engineering fundamental.</p> <p>3. Students are not able to solve design related subjects like EMD</p>
<p><b>Actions</b></p> <p><b>(i) Following Technical activities have been organized by department to achieve the target:</b></p> <ol style="list-style-type: none"> <li>1. Industrial visit to BSDU to create basic understanding of machines, drives and their operation.</li> <li>2. Workshop on Solar Photo Voltaic System</li> <li>3. Workshop on IOT and Embedded System</li> <li>4. 4th National Conference on 'Recent Trends and Smart Technologies in Electrical Engineering-2022'</li> <li>5. Activites by Brain Zest</li> <li>6. Add on Course on IOT and Python</li> </ol>			



7.1.1(a)



7.1.1(b)

**Fig.7.1.1 (a) & 7.1.1 (b) Visit to BSDU**





**Fig.7.1.2** Workshop on Solar PV



**Fig. 7.1.3** Add on course on IOT



**Fig. 7.1.4 Workshop on Embedded Systems**



**Fig.7.1.5 National Conference RTSTEE-2022**



**Fig.7.1.6 Technical Activities by Brain Zest**

**PO2:Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.**

<p><b>PO2</b></p>	<p><b>2.43</b></p>	<p><b>1.98</b></p>	<p><b>Attainment is low</b></p> <p><b>Observation:</b></p> <ol style="list-style-type: none"> <li>1. Students mostly Lateral entry Students are not able to expose the basic of engineering mathematics.</li> <li>2. Students are not able to solve the engineering problems</li> <li>3. Students are not able to analysis complex engineering problems.</li> <li>4. Students are not able to Solve design problems.</li> </ol>
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**Actions**

(i) **Following Technical activities have been organized by department to achieve the target:**

1. Industrial visit to BSDU to create basic understanding of machines, drives and their operation.
2. Workshop on Solar Photo Voltaic System
3. Workshop on IOT and Embedded System
4. 4th National Conference on 'Recent Trends and Smart Technologies in Electrical Engineering-2022'
5. Activites by Brain Zest
6. Add on Course on IOT and Python

**PO3: 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.**

<b>PO3</b>	<b>2.07</b>	<b>1.66</b>	<p><b>Attainment is low</b></p> <p><b>Observations:</b></p> <p>1 Students are not able to solve the engineering problems with consideration for public health.</p> <p>3. Students are not able to analysis complex engineering problems.</p> <p>4. Students are not able to Solve design problems.</p>
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**Actions**

(i) **Following Technical activities have been organized by department to achieve the target:**

1. Industrial visit to BSDU to create basic understanding of machines, drives and their operation.
2. Workshop on Solar Photo Voltaic System
3. Workshop on IOT and Embedded System
4. 4th National Conference on 'Recent Trends and Smart Technologies in Electrical Engineering-2022'
5. Activites by Brain Zest
6. Add on Course on IOT and Python
7. Add on Courses-A Fundamental Course on Embedded System
8. Add on Courses-Elementary Course on C programming language

**PO4:** 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.

<b>PO4</b>	<b>1.93</b>	<b>1.56</b>	<p><b>Attainment is low</b></p> <p><b>Observation:</b></p> <p>1. Students are not able to apply research based approach to the investigations required for creating projects.</p>
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**Actions**

(i) **Following Technical activities have been organized by department to achieve the target:**

1. Industrial visit to BSDU to create basic understanding of machines, drives and their operation.
2. Workshop on Solar Photo Voltaic System
3. Workshop on IOT and Embedded System
4. 4th National Conference on 'Recent Trends and Smart Technologies in Electrical Engineering-2022'
5. Activites by Brain Zest
6. Add on Course on IOT and Python

**PO5:** 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.

<b>PO5</b>	<b>1.94</b>	<b>1.66</b>	<p><b>Attainment is low</b></p> <p><b>Observation:</b></p> <p>1 Students are not able to create and apply techniques, resources to the complex engineering activities.</p>
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**Actions**

(i) **Following Technical activities have been organized by department to achieve the target:**

1. Industrial visit to BSDU to create basic understanding of machines, drives and their operation.
2. Workshop on Solar Photo Voltaic System

3. Workshop on IOT and Embedded System
4. Technical Event – APPIE
6. Add on Course on IOT and Python
7. Add on Courses-A Fundamental Course on Embedded System

**PO6:** 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.

<b>PO6</b>	<b>1.71</b>	<b>1.37</b>	<p><b>Attainment is low</b></p> <p><b>Students are not able to apply reasoning to safety, legal and cultural issues.</b></p>
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### **Actions**

**(i) Following Technical activities have been organized by department to achieve the target:**

1. Industrial visit to BSDU to create basic understanding of machines, drives and their operation.
2. Workshop on Solar Photo Voltaic System
3. Workshop on IOT and Embedded System
4. 4th National Conference on ‘Recent Trends and Smart Technologies in Electrical Engineering-2022’
5. Activities by Brain Zest
6. One Day Seminar on Engineer’s Day Celebration
7. One Day Seminar on World Heart Day
8. Seminar on National Science Day

**PO7:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

<b>PO7</b>	<b>1.52</b>	<b>1.23</b>	<p><b>Attainment is low</b></p> <p><b>Observation:</b></p> <p>1. Students mostly Lateral entry Students are not able to expose the basic of engineering mathematics.</p>
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			<p>2. Students are not able to solve the engineering problems</p> <p>3. Students are not able to analysis complex engineering problems.</p> <p>4. Students are not able to Solve design problems.</p>
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**Actions**

(i) **Following Technical activities have been organized by department to achieve the target:**

1. Industrial visit to BSDU to create basic understanding of machines, drives and their operation.
2. Workshop on Solar Photo Voltaic System
3. Workshop on IOT and Embedded System
4. 4th National Conference on 'Recent Trends and Smart Technologies in Electrical Engineering-2022'
5. Add on Course on IOT and Python
6. Seminar on National Science Day
7. One Day Seminar on Engineer's Day Celebration

**PO8:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

<b>PO8</b>	<b>1.33</b>	<b>1.07</b>	<p><b>Attainment is low</b></p> <p><b>Observations:</b></p> <p><b>Students are not able to apply ethical principal and responsibilities of engineering practice.</b></p>
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**Actions**

(i) **Following Technical activities have been organized by department to achieve the target:**

1. Industrial visit to BSDU to create basic understanding of machines, drives and their operation.
2. Workshop on Solar Photo Voltaic System
3. Workshop on IOT and Embedded System
4. 4th National Conference on 'Recent Trends and Smart Technologies in Electrical Engineering-2022'
5. Activities by Brain Zest
6. Add on Course on IOT and Python
7. One Day Seminar on Engineer's Day Celebration
8. One Day Seminar on World Heart Day
9. Seminar on National Science Day

**PO9:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

<b>PO9</b>	<b>1.67</b>	<b>1.34</b>	<p><b>Attainment is low</b></p> <p><b>Observations:</b></p> <ol style="list-style-type: none"> <li><b>1. Students are not showing interest in Real time projects.</b></li> <li><b>2. Students are not able to solve the engineering problems.</b></li> </ol>
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**Actions**

(i) **Following Technical activities have been organized by department to achieve the target:**

1. Industrial visit to BSDU to create basic understanding of machines, drives and their operation.
2. Workshop on Solar Photo Voltaic System
3. Workshop on IOT and Embedded System
4. 4th National Conference on 'Recent Trends and Smart Technologies in Electrical Engineering-2022'
5. Activities by Brain Zest
6. Add on Course on IOT and Python

**PO10:** 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.

<b>PO10</b>	<b>1.79</b>	<b>1.44</b>	<p><b>Attainment is low</b></p> <p><b>Observations:</b></p> <ol style="list-style-type: none"> <li><b>1. Students are not able to Solve design problems.</b></li> <li><b>2. Students are not able to Communicate effectively on complex engineering activities.</b></li> </ol>
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**Actions**

(i) **Following Technical activities have been organized by department to achieve the target:**

1. Industrial visit to BSDU to create basic understanding of machines, drives and their operation.
2. Workshop on Solar Photo Voltaic System
3. Workshop on IOT and Embedded System
4. 4th National Conference on 'Recent Trends and Smart Technologies in Electrical Engineering-2022'
5. Activities by Brain Zest
6. Add on Course on IOT and Python
7. One Day Seminar on Engineer's Day Celebration



8. One Day Seminar on World Heart Day
9. Seminar on National Science Day

**PO11:** 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.

<b>PO11</b>	<b>1.54</b>	<b>1.23</b>	<b>Attainment is low</b>  <b>1. Students are not able to demonstrate knowledge and understand principles.</b>
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**Actions**

(i) **Following Technical activities have been organized by department to achieve the target:**

1. Industrial visit to BSDU to create basic understanding of machines, drives and their operation.
2. Workshop on Solar Photo Voltaic System
3. Workshop on IOT and Embedded System
4. 4th National Conference on 'Recent Trends and Smart Technologies in Electrical Engineering-2022'
5. Activities by Brain Zest

**PO12:** 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>PO12</b>	<b>2.31</b>	<b>1.87</b>	<b>Attainment is low</b>  <b>1.It was observed that life-long learning was not satisfactory.</b>
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**Actions**

(i) **Following Technical activities have been organized by department to achieve the target:**

1. Industrial visit to BSDU to create basic understanding of machines, drives and their operation.
2. Workshop on Solar Photo Voltaic System
3. Workshop on IOT and Embedded System
4. 4th National Conference on 'Recent Trends and Smart Technologies in Electrical Engineering-2022'
5. Add on Course on IOT and Python

**7.2. Academic Audit and Action Taken therefore during the period of Assessment**

**ACADEMIC AUDIT**

The Departments of any institution are the backbone of the core business of any institution where the basic activities i.e. teaching, research and service are conducted. To enhance the quality of the Programs in terms of program objectives and to ensure graduate attributes as program outcomes which are defined by each department the academic audit reviews the processes and procedures used by departments.

The main focus of the academic audit is on the following areas

Defining intended Course and Program Outcomes

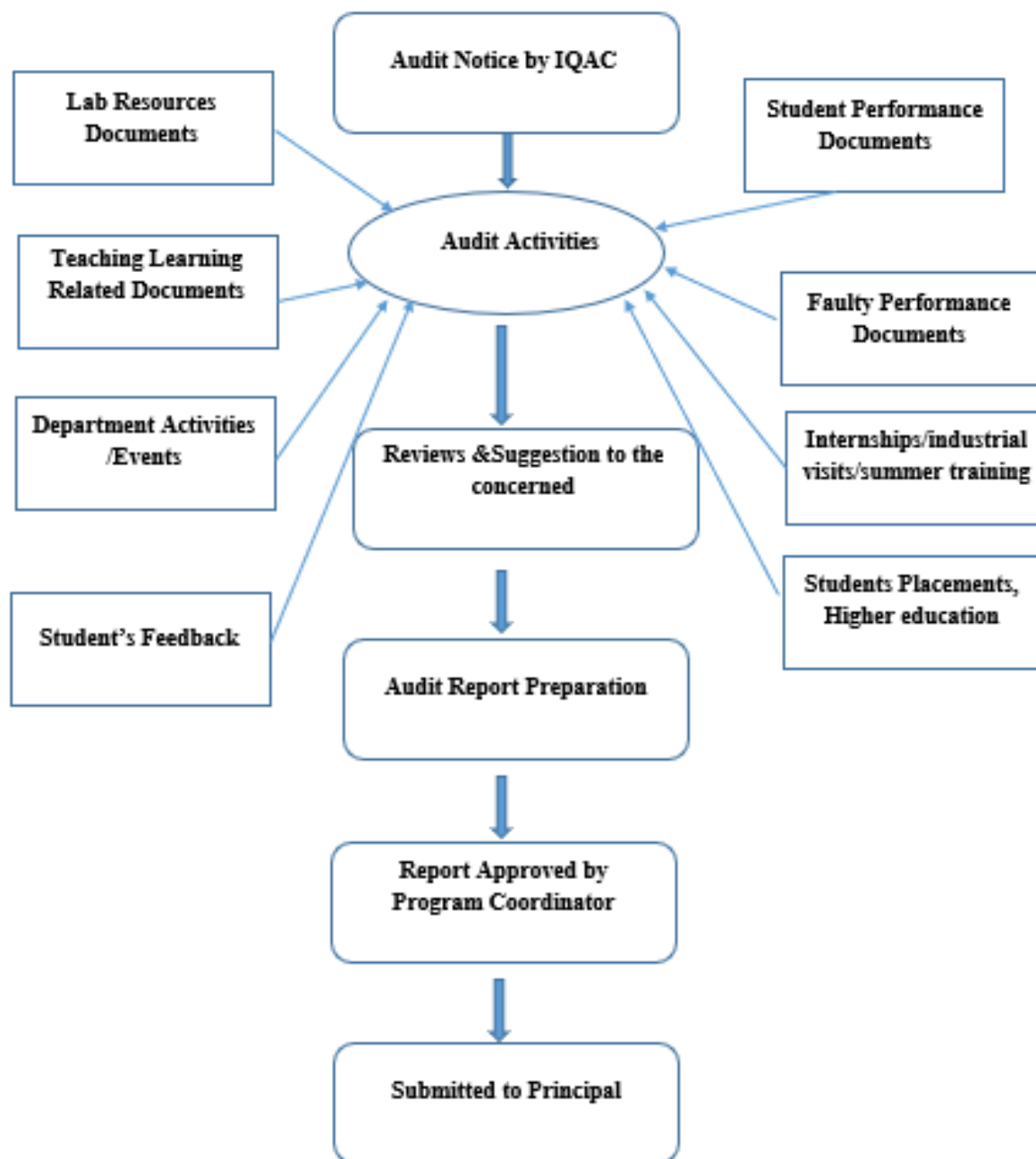
Designing effective teaching and learning processes

Developing and using outcome-based student assessment

Assuring implementation of quality education - significant activities such as research and services, co- curricular and extracurricular activities to support program outcomes.

### **Objectives of Academic Audit**

1. To enhance the teaching and learning process and to ensure quality of technical education throughout the system
2. To take care functionalities of technical education.
3. To provide feedback mechanism used for assessing the performance of teachers by students and for curricular development.
4. To provide Computer, internet and library facilities available.



The Following are the team members of IQAC audit for session (2021-2022)

S.NO.	Name	Designation	Responsibilities
1.	Dr. Prerak Bhardwaj	Assistant Professor	Program Coordinator.
2.	Mr.Gopal Tiwari	Assistant Professor	Dy. Program Coordinator
3.	Mr.Vishal Sharma	Assistant Professor	Student Development Officer
4.	Mr. L.Senthil	Assistant Professor	Training & Placement Officer.

5.	Ms. Sonali Chadha	Assistant Professor	Timetable In charge/Class Coordinator
6.	Mr. Shailendra Srivastava	Assistant Professor	Class Coordinator/Lab In charge
7.	Ms. Neha Agrawal	Assistant Professor	Examination In charge.

### **1. Internal Quality Assessment Committee**

Review assessment of Course Outcomes and their relationship with POs/PSOs prepared by HODs

HOD collects recommendations and suggestions and through department advisory committee come out with implementable actions or items points for continuous improvements of POs and PEOs

HOD presents report to principal with resource requirements and academic directions

### **Program Assessment Committee**

Prepare and finalize the PEOs and POs/PSOs, Align them with the Mission and write the process of development of PEOs and POs

Supervises the COs and their alignment to POs, assignments, tests, quiz, activities, Bloom's Taxonomy and ensures targets set by faculty are realistic.

Develop common Performance Indicators for respective Courses aligned to the PO and ensures the faculty develop activities, tests, quiz, assignments related to the common performance indicators as well as for their course specific indicators

Monitors progress periodically

For direct assessment collects the student results for respective courses aligned to the PO and analyze the average achievement of performance

Hold discussions with concerned faculty on shortfalls for the achievement of pre-set targets.

Collects recommendations for improvements

Prepare and conduct indirect assessment and prepare report

### **Exam Scrutinizing Committee**

Ensure the paper is fulfilling the Cos requirements and assess the paper according to the syllabus.

Samples answer sheets are taken for the scrutinization of the answer sheet randomly.

### **Workshop and Lab in charge**

Ensure the availability of raw material and equipment for the experiments and the working of the machine to perform the practical.

Maintain the stock register and continuous record is maintained.

## **7.3 Improvement in Placement, Higher Studies and Entrepreneur 10**

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

### **7.3.1 Placement Details : (2021-22 )**

**Table 7.3.1.1: Placement Details: (2021-22)**

<b>S. No.</b>	<b>Year</b>	<b>Total No of Students</b>	<b>Total No. of Students Placed</b>	<b>Percentage of Students placed</b>
<b>1</b>	<b>2021-22</b>	<b>95</b>	<b>48</b>	<b>50.52%</b>

**Table 7.3.1.2: placement quality**

S. No.	Year	Highest package	Lowest package
1	2021-22	6.5 LPA	1.8 LPA

**Table 7.3.1.3: Placement data for the year 2021-22**

S.No	Name	Company Placed	Package
1	Rakshit Purohit	Accenture/Wipro	INR 6.5 LPA
2	Nidant sharma	Board Infinity	INR 6.0 LPA
3	Preksha agrawal	LTI	INR 5 LPA
4	Shashank Sharma	Melhua	INR 5 LPA
5	Ashwin sharma	Melhua	INR 5 LPA
6	Harshita jamer	Accenture	INR 4.5 LPA
7	Parul Dhayal	Accenture	INR 4.5 LPA
8	Rajesh Kumar	Accenture	INR 4.5 LPA
9	Shoaib Aziz	Appcino	INR 4.5 LPA
10	Praduman Singh Rajawat	Capgemini	INR 4.0 LPA
11	Priyanka Yadav	Capgemini	INR 4.0 LPA
12	SHUBHAM JAYANT	Capgemini	INR 4.0 LPA
13	Tushar Hemnani	Capgemini	INR 4.0 LPA
14	Vibha Yadav	Chegg India	INR 4.0 LPA
15	Himanshu Sen	Capgemini	INR 4 LPA
16	mehul kumawat	Capgemini	INR 4 LPA
17	Vishesh Agarwal	Capgemini/Wipro/Samsung	INR 4 LPA
18	YUVRAJ SINGH SHAKTAWAT	Capgemini/Wipro	INR 4 LPA
19	Anshuman Sharma	Thrilliphollia	INR 3LPA
20	Kapil kumawat	FRISCON SOLUTIONS	INR 3LPA
21	Arpan Nyati	Wipro	INR 3.50 LPA
22	Arpit Jain	Wipro	INR 3.50 LPA
23	HARSHIT TIWARI	Wipro	INR 3.50 LPA
24	MANAN JAIN	Wipro	INR 3.50 LPA
25	Milind Kumar	Wipro/TCS/Birla Soft	INR 3.50 LPA
26	Naman Khandelwal	Wipro	INR 3.50 LPA
27	Shivang sharma	Wipro/TCS	INR 3.50 LPA
28	Shubham bhargava	Wipro	INR 3.50 LPA
29	Yash Panwar	Wipro	INR 3.50 LPA
30	Khagesh Kumar Gaur	TCS NINJA/LIDO	INR 3.36LPA
31	Muhammad Shavez Khan	Continental Engineers	INR 3 LPA
32	Manoj vaishnav	JUST Dial	INR 2.8LPA

33	Aman pareek	JUST Dial	INR 2.8 LPA
34	Kartik Yadav	Aspoir Network Pvt Ltd	INR 2.45 LPA
35	PIYUSH SONI	Aspoir Network Pvt Ltd	INR 2.45 LPA
36	Ayush Aswal	Pinnacle	INR 2.16 LPA
37	Harshit Jain	Pinnacle	INR 2.16 LPA
38	Kapil goyal	Pinnacle	INR 2.16 LPA
39	Kartikeya Suwalka	Pinnacle	INR 2.16 LPA
40	Raghav Bhardwaj	Pinnacle	INR 2.16 LPA
41	Rajat Sharma	Pinnacle	INR 2.16 LPA
42	Ravi Kumar Yadav	Pinnacle	INR 2.16 LPA
43	Saurabh Agrawal	Pinnacle	INR 2.16 LPA
44	Gourav Sharma	Upgrade	INR 2 LPA
45	Shubham Mittal	E-Ashwa Automotive	INR 1.8 LPA
46	JAWWAD HABIB	Upflairs	INR 1.8 LPA
47	Gaurang Pareek	Planet spark/ Upflair	INR 1.8 LPA
48	Ravi choudhary	Talent ployer	INR 1.5 LPA

**Total**

**48**

### 7.3.2 Higher Studies: (2021-2022)

**Table 7.3.2: Higher Studies: (2021-2022)**

Year	2021-22
Total No of Students Perusing Higher Studies	Nil

Year	Total no of GATE qualified students	Total no of CAT qualified students	Total no of GRE qualified students	Total no of GMAT qualified students
2021-22	Nil	Nil	Nil	Nil
Year	Highest GATE Score/Rank	Highest CAT Score/Rank	Highest GRE Score/Rank	Highest GMAT Score/Rank
2021-22	-	-	-	-

#### 7.4 Improvement in the quality of students admitted to the programme

Assessment is based on improvement in terms of ranks/score in qualifying state level / National level entrances tests, percentage Physics, Chemistry and mathematics marks in 12th Standard and percentage marks of the lateral entry student.

Item		CAY(2021-2022)
National Level Entrance Examination(JEE)	No. of Students admitted	NA
	Opening Score/Rank	NA
	Closing Score/Rank	NA
State/University/Level Entrance Examination/Others	No. of Students Admitted	NA
	Opening Score/Rank/Percentage	NA
	Closing Score/Rank/Percentage	NA
Name of the Entrance Examination for Lateral Entry or Lateral entry details	No. of Students Admitted	05
	Opening Score/Rank	85.00%
	Closing Score/Rank	63.17%
Average CBSE/Any other Board Result of admitted students (Physics, Chemistry & Maths)		53



<b>CRITERION 8</b>	<b>First Year Academics</b>	<b>50</b>
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### **8.1 First Year student faculty Ratio (5)**

**Data for first year courses to calculate FYSFR**

<b>Year</b>	<b>No. of students (Approved intake strength)</b>	<b>No. of faculty members (Considering fractional load)</b>	<b>FYSFR</b>	<b>Assessment = (5×20)/Average FYSFR (Limited to Max. 5)</b>
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
<b>Average</b>	<b>990</b>	<b>48.66</b>	<b>20.37</b>	<b>4.88</b>

**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

<b>Year</b>	<b>X</b>	<b>Y</b>	<b>RF</b>	<b>Assessment of faculty qualification (5X+3Y)/RF</b>
2021-22	20	26	49.5	3.59
2020-21	21	29	49.5	3.87
2019-20	31	19	49.5	4.28
<b>Average Assessment</b>				<b>3.91</b>

**Table 8.2.1**

### 8.3 First Year Academic Performance (10)

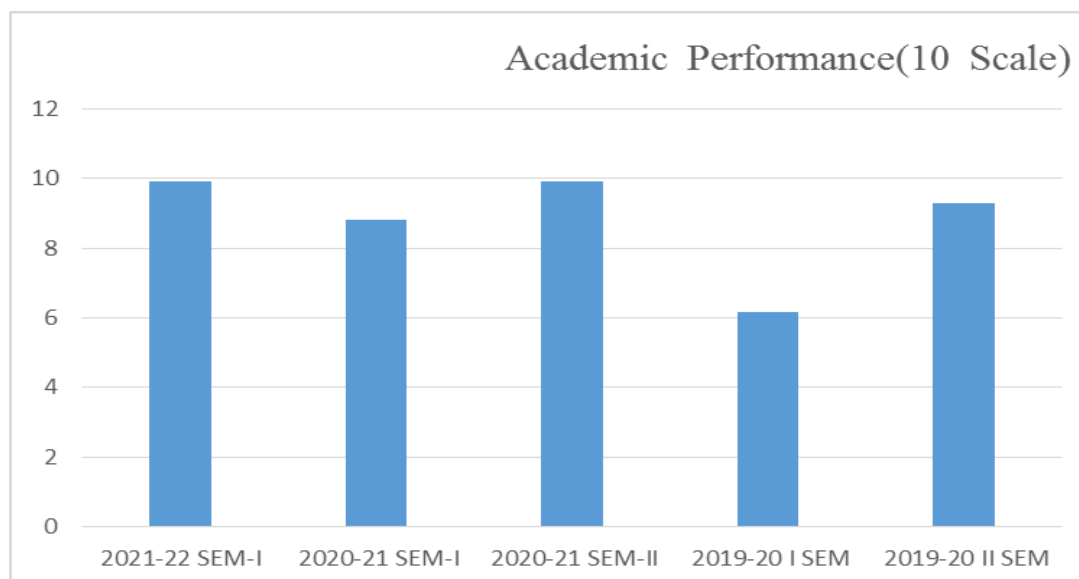
*Academic Performance = ((Mean of 1st Year Grade Point Average of all successful Students on a 10 point scale) or (Mean of the percentage of marks in First Year of all successful students/10)) x(number of successful students/number of students appeared in the examination)*

*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**

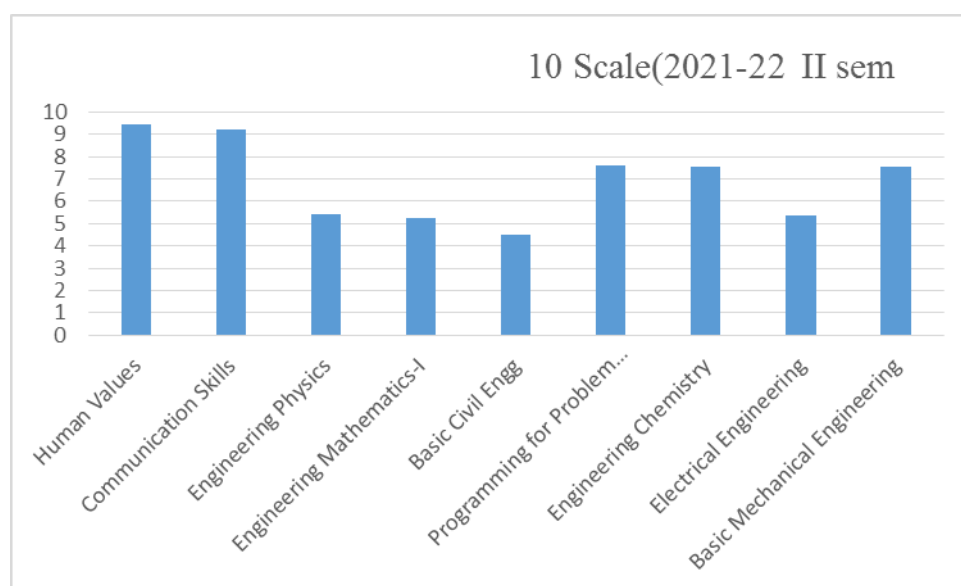


**Chart 8.3.1: Academic Performance**

### 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

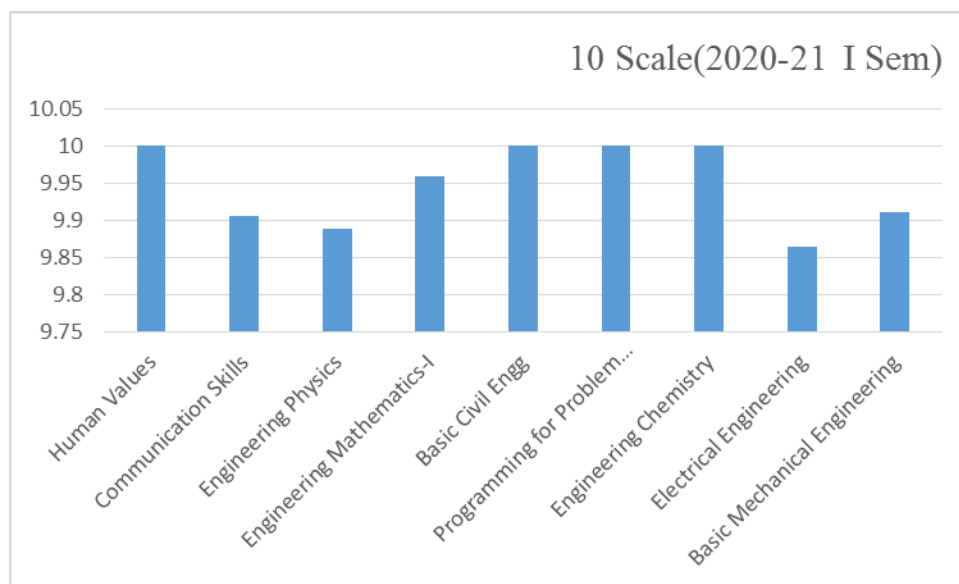
*Table 8.3.2 Academic Performance 2021-22(SEM-I)*



*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
	<b>AVERAGE</b>				

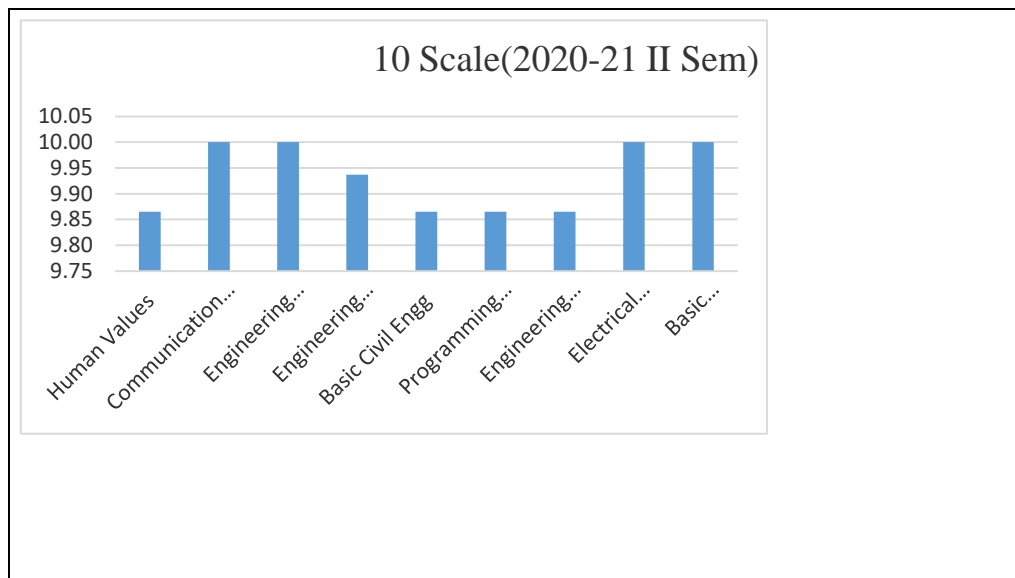
*Table 8.3.3 Academic Performance 2020-21 (SEM-I)*



*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				<b>6.18</b>

Table 8.3.5 Academic Performance 2019-20 (SEM-I)

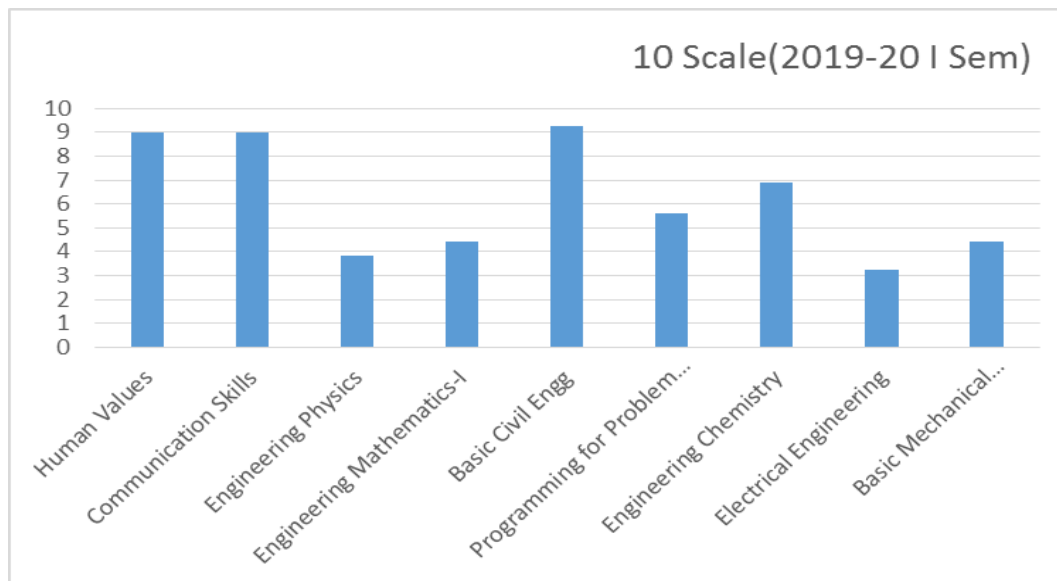
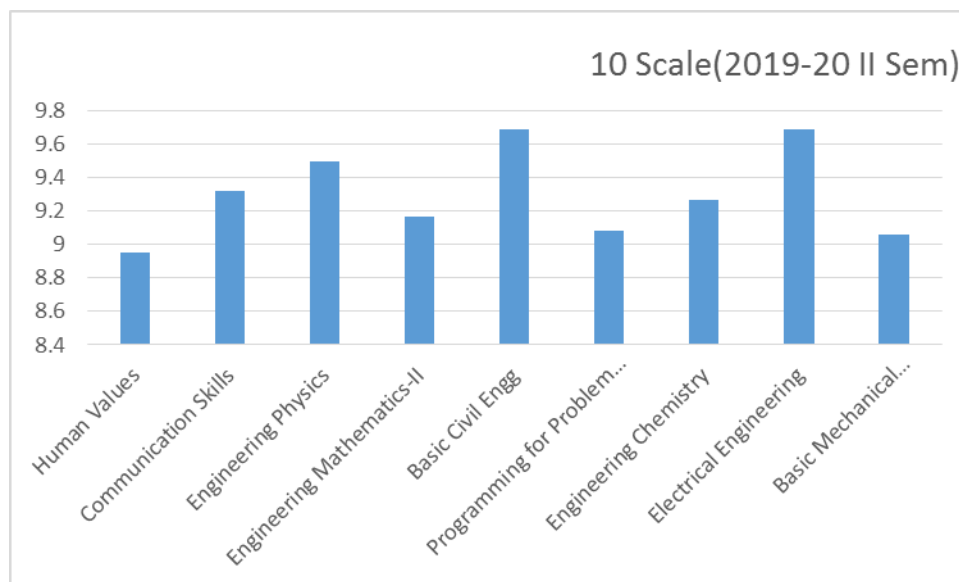


Chart 8.3.5: Academic Performance 2019-(I SEM)

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					<b>9.3</b>

**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

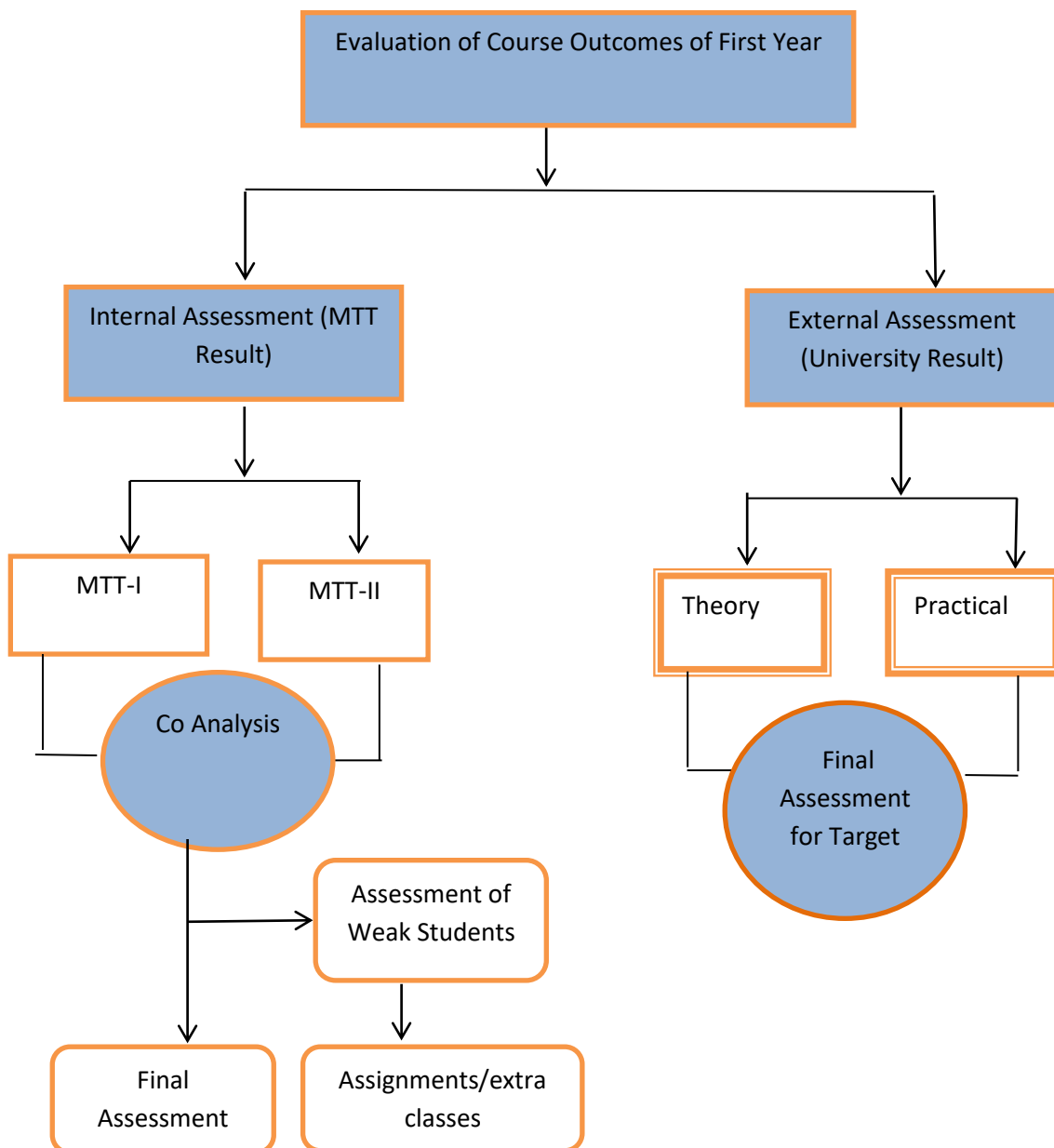
5. Assessment tools and distribution of marks for each theory & laboratory course is as follows:

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

<b>CO ATTAINMENT FOR YEAR 2021-22( Sem-I)</b>					
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
1FY2-20	Engineering Physics Lab	CO-4	39.79	70.6	45.95
		CO-1	98.98	98.98	98.98
1FY2-21	Engg. Chemistry Lab	CO-2	98.98	98.98	98.98
		CO-1	100	100	100
1FY2-22	Language Lab	CO-2	100	100	100
		CO-3	100	100	100
		CO-1	99.9	99.9	99.9
1FY2-23	Human Values Activities	CO-2	99.9	99.9	99.9
		CO-3	99.9	99.9	99.9
		CO1	100	100	100
1FY3-24	Computer Programming Lab	CO2	100	100	100
		CO3	100	100	100
		CO1	98.7	98.7	98.7
1FY3-25	Manufacturing Practices Workshop	CO2	98.7	98.7	98.7
		CO3	98.7	98.7	98.7
		CO1	97.75	98.67	98.96
		CO2	97.75	98.67	98.96
1FY3-26	Basic Electrical Engineering Lab	CO3	97.75	98.67	98.96
		CO4	97.75	98.67	98.96
		CO1	100	100	100
1FY3-27	Basic Civil Engineering Lab	CO2	100	100	100
		CO3	100	100	100
		CO1	98.19	98.64	98.28
1FY3-28	Computer Aided Engineering Graphics	CO2	98.19	98.72	98.30
		CO3	98.19	97.99	98.15
		CO1	99	93.82	97.96
		CO2	99	91.42	97.48
1FY3-29	Computer Aided Machine Drawing	CO3	99	93.25	97.85
		CO4	99	91.05	97.41
		CO1	98.78	97.3	98.48
		CO2	98.78	97.22	98.47
1FY3-29	Computer Aided Machine Drawing	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**

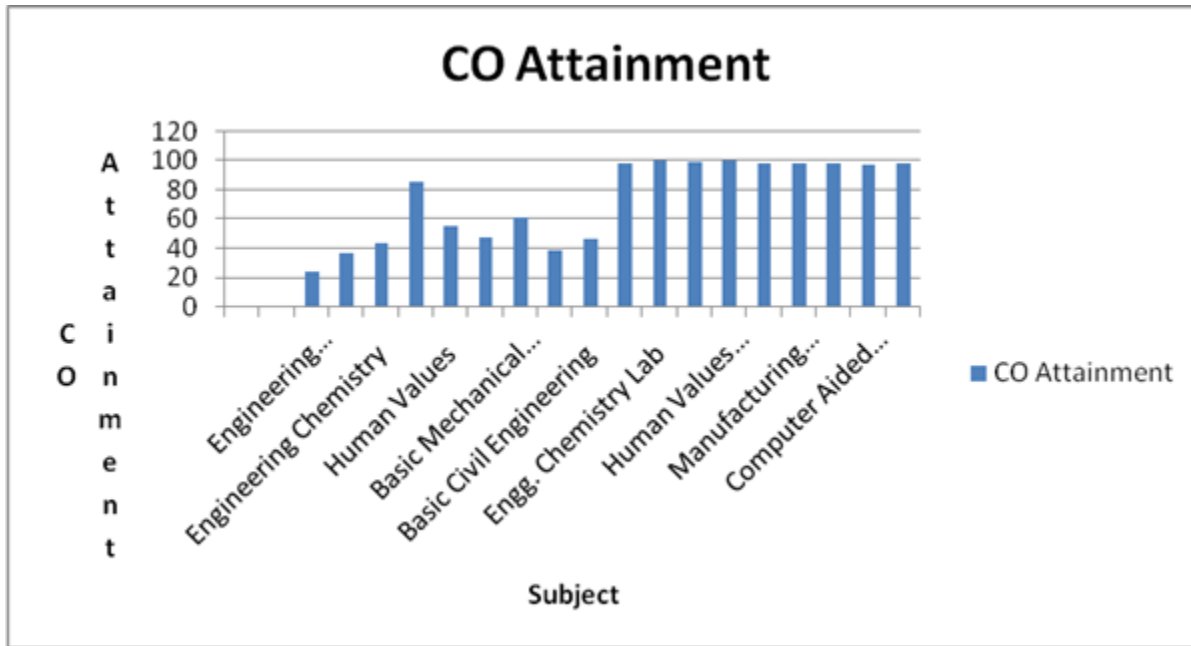


Chart 8.4.2.1:CO attainment 2021-22 I Sem

**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**

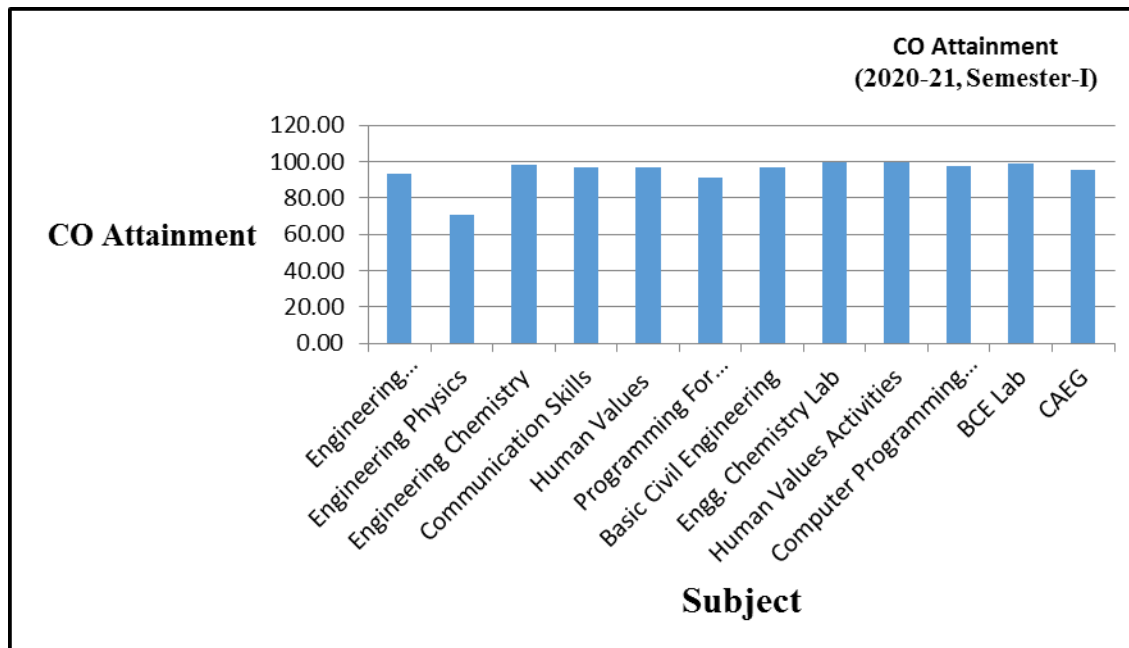


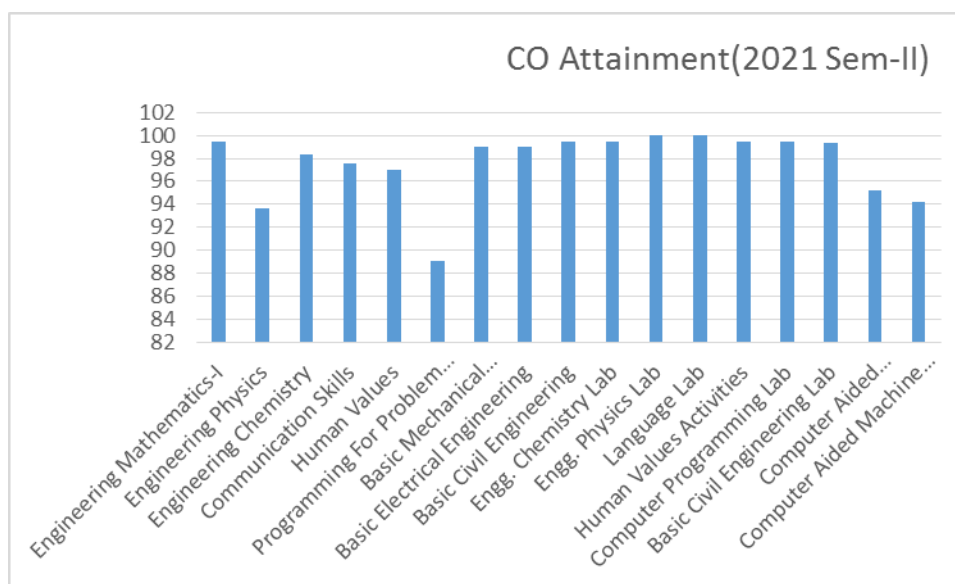
Chart 8.4.2.3: CO Attainment for 2020-21, Semester-I

**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**

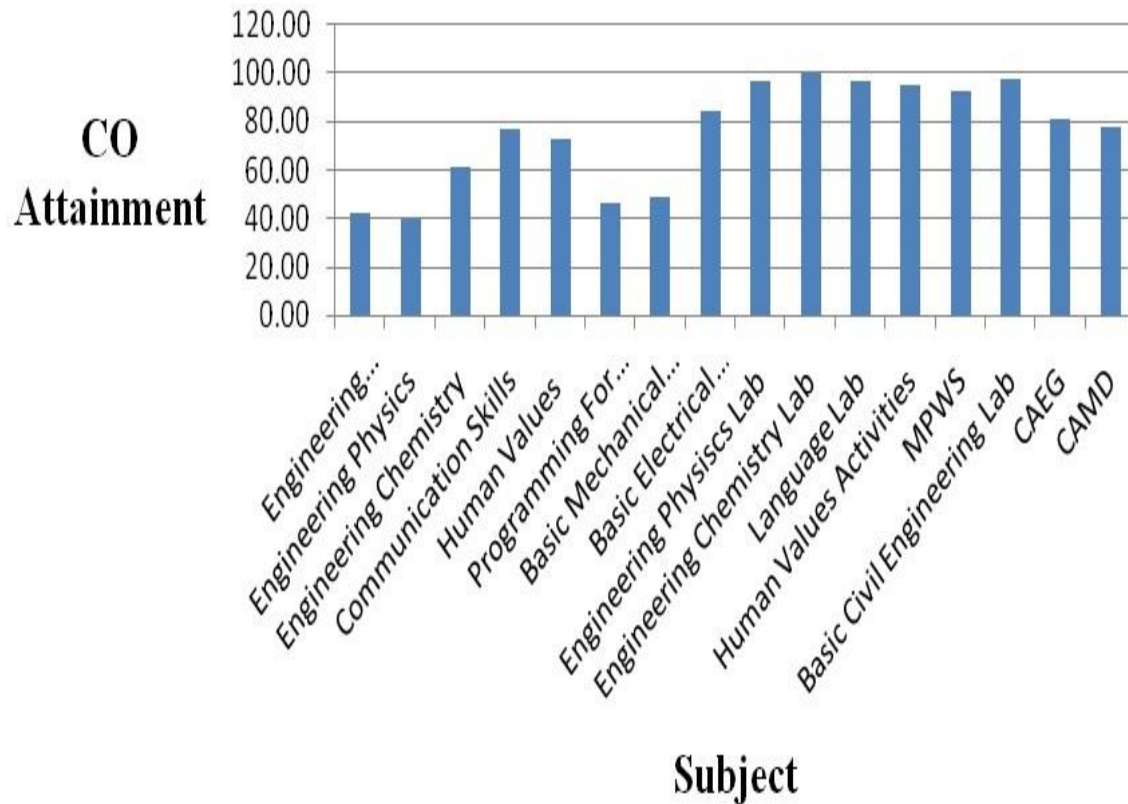
Subject Code	Subject Name	Course Outcome	RTE (80%)	MTE (20%)	TOTAL (100%)
			x	y	.8x+.2y
1FY2-01	Engineering Mathematics-I	CO-1	40	51.19	42.24
		CO-2	40	56.19	43.24
		CO-3	40	50.32	42.06
		CO4	40	38.37	39.67
1FY2-02	Engineering Physics	CO-1	33.68	70.92	41.13
		CO-2	33.68	36.97	34.34
		CO-3	33.68	81.33	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



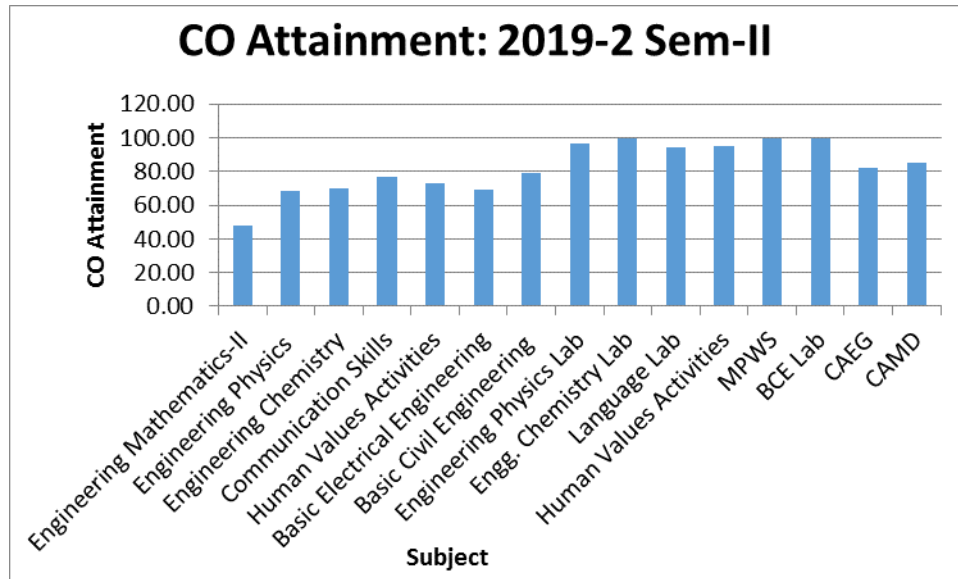
Char t8. 4.2.6.: CO Attainment for 2019-20, Semester-I

### 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	<b>Computer Programming Lab</b>	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	<b>Manufacturing Practices Workshop</b>	3	1.5	1	0.5	0	1	0.5	0	1	0.5	0.5	1.5
1FY3-26	<b>Basic Electrical Engineering Lab</b>	3	2.33	2	2	2	0	1	1	3	1	1	1
1FY3-27	<b>Basic Civil Engineering Lab</b>	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	<b>Computer Aided Engineering Graphics</b>	3	1.5	2.5	1	2	2	2	3	2	3	2	3
1FY3-29	<b>Computer Aided Machine Drawing</b>	3	2	2	2	2	2	2	2	2	3	2	3
2FY2-01	<b>Engineering Mathematics-2</b>	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
<b>Direct</b>	Co Attainment	
<b>Indirect</b>	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><b>Observations:</b></p> <p><b>Observations:</b></p> <ul style="list-style-type: none"> <li>Lack of understanding of basic concepts of mathematics, Physics, Mechanics and their application.</li> </ul>
<p><b>Action 1:</b> Prerequisites for all the subjects were discussed before commencement of semester.</p> <p><b>Action 2:</b> Additional classes to be conducted improve the mathematical fundamental basics</p> <p><b>Action 3:</b> E-resources were like NPTEL, youtube.com; learn engineering.org used to help students.</p>			
PO2: Problem analysis:			
PO2	1.58	1.07	<p><b>Observations :</b></p> <ul style="list-style-type: none"> <li>Students were unable to formulate or analyze complex engineering problems by the knowledge of science and mathematics through first year subjects</li> </ul>
<b>Action 1:</b> 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	<b>Observations :</b> <ul style="list-style-type: none"><li>• More technical events need to be introduced during first year to develop design and development aptitude in students.</li></ul>
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**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	<b>Observations :</b> <ul style="list-style-type: none"><li>• Student's participation in the events where they can deal with complex problems, need to be improved</li></ul>
-----	-----	------	--

**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	<b>Observations :</b> <ul style="list-style-type: none"><li>• Trainings and add-on courses should be added for First Year students</li></ul>
-----	------	------	--

**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	<b>Observations :</b> <ul style="list-style-type: none"> <li>Students needed exposure to assess the social, health &amp; cultural issues through application of reasoning</li> </ul>
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**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	<b>Observations :</b> <ul style="list-style-type: none"> <li>The awareness and understanding related to global and environmental issues need to be improved.</li> </ul>
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**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	<b>Observations:</b> 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.
-----	-------	------	---

**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	<b>Observations:</b> <ul style="list-style-type: none"> <li>Students need to be mentored for team work &amp; to become team leaders</li> </ul>
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			starting from their First Year only
<p><b>Action 1:</b> Students were appointed as team leaders or coordinators in various technical &amp; extracurricular activities introduced in first year.</p> <p><b>Action 2:</b> They participated as a team in technical activities like Hackathons and cultural activities.</p>			
PO10: Communication:			
PO10	1.68	1.479	<p><b>Observations:</b></p> <ul style="list-style-type: none"> <li>The communication, presentation and report writing skills are to be further improved among the students.</li> </ul>
<p><b>Action 1:</b> Language Lab activities such as group discussions, power writing and public speaking were conducted.</p> <p><b>Action 2:</b> Students were encouraged for self-learning through MOOCs courses and gave presentations in class.</p> <p><b>Action 3:</b> Students were made to prepare and present the presentations in their regular classes from their curriculum of each subject.</p>			
PO11: Project management and finance:			
PO11	.776	.663	<p><b>Observations:</b></p> <p>There was very little scope for students in first year to learn project management and finance.</p>
<p><b>Action 1:</b> They were made to work in teams and make projects by working on every aspect of development of projects.</p> <p><b>Action 2:</b> First year students were motivated to be organizers of technical events in the department.</p>			
PO12: Life-long learning:			
PO12	1.58	1.229	<p><b>Observations :</b></p> <p>Participation in technical activities and understanding of new technology is to be improved in first year.</p>
<p><b>Action 1:</b> Students were motivated to explore and learn online courses through NPTEL, Swayam, Coursera etc. as per the need of technological change.</p> <p><b>Action 2:</b> Students were made to join various technical and social clubs of the college to recognize the</p>			

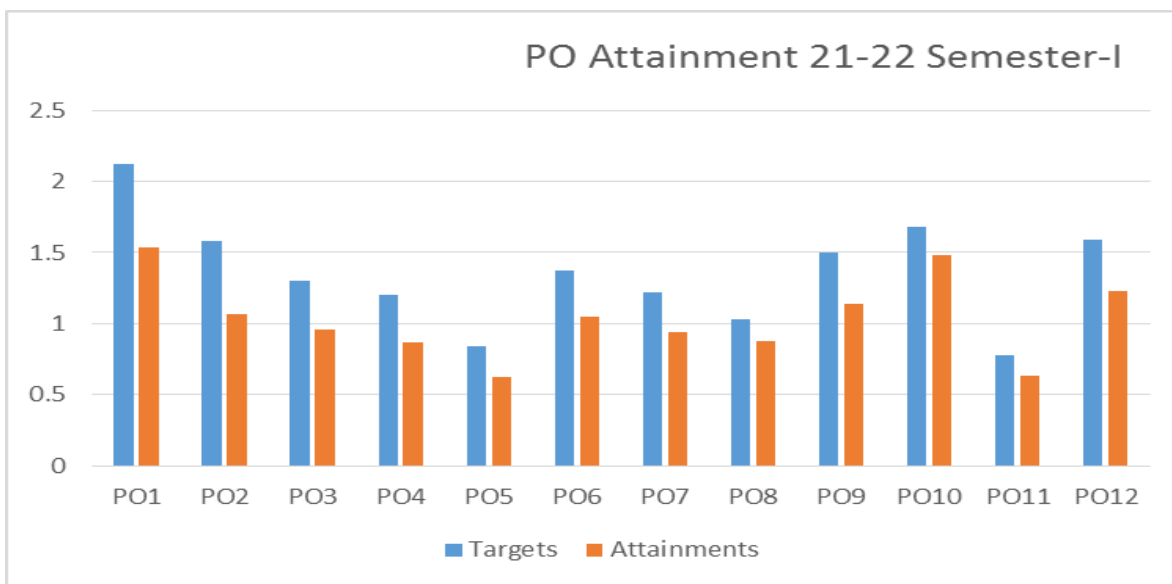
need of changing technology..

**Links:**

[https://jecrcfoundation.com/applied-science/tech\\_events](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)

CRITERION 9	Student Support Systems	50
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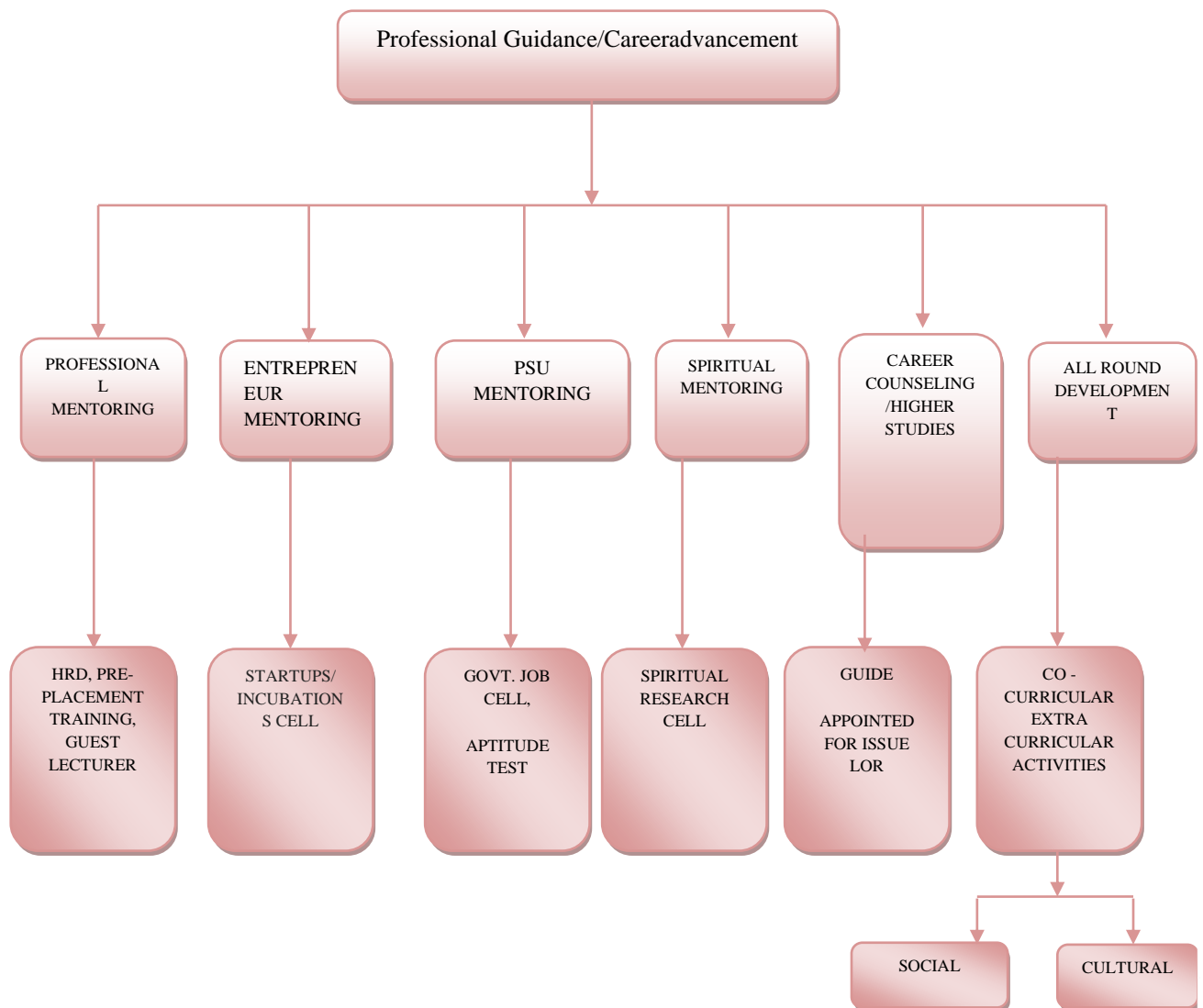
**9. STUDENT SUPPORT SYSTEMS (50)**

**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**

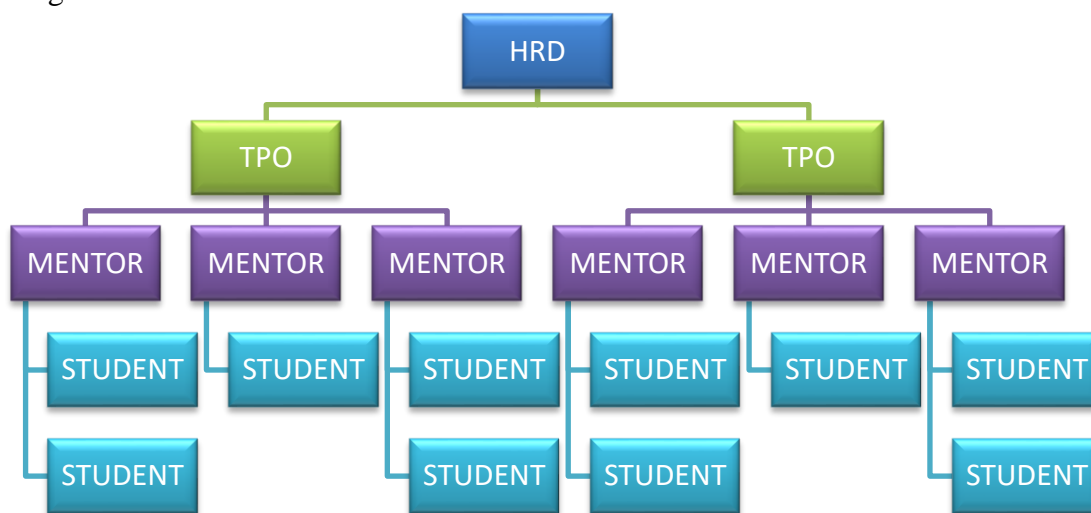
S.No.	Type of Mentoring	Name
1	PSU Mentoring	Mr. P.K. Tiwari (Rtd. IPS)
		Mr. O.P. Jain (Rtd. IRS)
2	Professional Mentoring	Dr. S.N.Gupta
		Mr. Mukt Bihari
3	Entrepreneur Mentoring	Mr. Tarun Saraswat
4.	Spiritual Mentoring	Mr. Mukesh Agarwal
5.	Higher Studies Mentoring	Ms.Priyanka Shukla
6.	Student Development 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**

- 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: #4a86e8; color: white; border-radius: 50%; padding: 5px 15px; font-weight: bold;">CSE-1</div> <div style="text-align: center;"> <p><b>Campus Recruitment Training Program 2021</b> <b>JECRC Inset Batch</b></p> </div> </div>					
FACE Link	Tech Class Link	Batch#	Interview Links	CBT Link	
<a href="https://meet.google.com/wqj-vnnt-xqk">https://meet.google.com/wqj-vnnt-xqk</a>  <b>WAE Link</b> <a href="https://meet.google.com/rbe-qwge-qyf">https://meet.google.com/rbe-qwge-qyf</a>	<a href="https://zoom.us/j/93335055055?pwd=V0pTN0Z2SkFRbTlscitKcjN6NUlWZz09">https://zoom.us/j/93335055055?pwd=V0pTN0Z2SkFRbTlscitKcjN6NUlWZz09</a>	CS1.1	<a href="https://meet.google.com/lookup/bqeuvi4bt">https://meet.google.com/lookup/bqeuvi4bt</a>	<a href="https://jecrci.faceprep.in/">https://jecrci.faceprep.in/</a>	
		CS1.2	<a href="https://meet.google.com/lookup/atmv2hskn">https://meet.google.com/lookup/atmv2hskn</a>		
		CS1.3	<a href="https://meet.google.com/lookup/fo2xl2tael">https://meet.google.com/lookup/fo2xl2tael</a>		
		CS1.4	<a href="https://meet.google.com/lookup/gvqwuis5zi">https://meet.google.com/lookup/gvqwuis5zi</a>		
		CS1.5	<a href="https://meet.google.com/lookup/agvwxqbr4">https://meet.google.com/lookup/agvwxqbr4</a>		
		CS1.6	<a href="https://meet.google.com/lookup/bpods03nm2">https://meet.google.com/lookup/bpods03nm2</a>		
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

**CSE-2**

**Campus Recruitment Training Program 2021  
JECRC Inset Batch**

FACE Link		Tech Class Link		Batch#	Interview Links	CBT
<a href="https://meet.google.com/iqz-fqre-nbp">https://meet.google.com/iqz-fqre-nbp</a>		<a href="https://zoom.us/j/93335055055?pwd=V0pTNOZ2SkFRbTlscitKcjN6NUlWZz09">https://zoom.us/j/93335055055?pwd=V0pTNOZ2SkFRbTlscitKcjN6NUlWZz09</a>		CS2.1	<a href="https://meet.google.com/lookup/daojhovbps">https://meet.google.com/lookup/daojhovbps</a>	<a href="https://jecrcjfa.cepren.in/">https://jecrcjfa.cepren.in/</a>
				CS2.2	<a href="https://meet.google.com/lookup/dauqa33sj5">https://meet.google.com/lookup/dauqa33sj5</a>	
				CS2.3	<a href="https://meet.google.com/lookup/c5okjv4h">https://meet.google.com/lookup/c5okjv4h</a>	
<b>WAE Link</b>				CS2.4	<a href="https://meet.google.com/lookup/a3zo3fem5">https://meet.google.com/lookup/a3zo3fem5</a>	
<a href="https://meet.google.com/rbe-qwge-qyf">https://meet.google.com/rbe-qwge-qyf</a>				CS2.5	<a href="https://meet.google.com/lookup/av7uqlr5oo">https://meet.google.com/lookup/av7uqlr5oo</a>	
				CS2.6	<a href="https://meet.google.com/lookup/aequci7hfn">https://meet.google.com/lookup/aequci7hfn</a>	
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>B R E A K</b>	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.



## Upgrade your Career with JECRC

-  **Unlock Internship Opportunities**
-  **Get Job Opportunities**
-  **Learn New Skills**
-  **Work on Latest Mentor Driven Project**
-  **Practice Placement and Curriculum Assessments**



Email Id Or Enrollment Number

Password

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Enter Assessment Title

### List of all category

- Aptitude
- 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

<p>Mechanical Engineering Practice 4</p> <p>★★★★★</p> <p><a href="#">Sign In For Practice</a></p>	<p>Mechanical Engineering Practice 3</p> <p>★★★★★</p> <p><a href="#">Sign In For Practice</a></p>	<p>Mechanical Engineering Practice 2</p> <p>★★★★★</p> <p><a href="#">Sign In For Practice</a></p>
<p>Mechanical Engineering Practice 1</p> <p>★★★★★</p> <p><a href="#">Sign In For Practice</a></p>	<p>General Studies &amp; Engineering Aptitude Practice 4</p> <p>★★★★★</p> <p><a href="#">Sign In For Practice</a></p>	<p>General Studies &amp; Engineering Aptitude Practice 3</p> <p>★★★★★</p> <p><a href="#">Sign In For Practice</a></p>
<p>General Studies &amp; Engineering Aptitude Practice 2</p> <p>★★★★★</p> <p><a href="#">Sign In For Practice</a></p>	<p>General Studies &amp; Engineering Aptitude Practice 1</p> <p>★★★★★</p> <p><a href="#">Sign In For Practice</a></p>	<p>Electrical Engineering Practice 4</p> <p>★★★★★</p> <p><a href="#">Sign In For Practice</a></p>
<p>Electrical Engineering Practice 3</p> <p>★★★★★</p> <p><a href="#">Sign In For Practice</a></p>	<p>Electrical Engineering Practice 2</p> <p>★★★★★</p> <p><a href="#">Sign In For Practice</a></p>	<p>Electrical Engineering Practice 1</p> <p>★★★★★</p> <p><a href="#">Sign In For Practice</a></p>



GATE Mock Test

<b>GATE 2021-22 Data</b>						
<b>Institute Name:</b>		<b>JECRC, JAIPUR</b>				
<b>S. No.</b>	<i>Student Name</i>	<b>Branch</b>	<b>Registered in GATE</b>	<b>GATE Registration Number</b>	<b>Qualify Gate</b>	<b>Marks Obtained</b>
			<b>(Yes/No)</b>		<b>(Yes/No)</b>	
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	<a href="mailto:akshitostwal@gmail.com">akshitostwal@gmail.com</a>	7014669586	Banglore	<a href="https://orangewallet.app/">https://orangewallet.app/</a>

### Spiritual Mentoring

A special initiative has been taken by our institute in the form of SPIRITUAL RESEARCH CELL. The cell was established on 6<sup>th</sup> 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”.

- 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.

<b>Events Name</b>	<b>Date</b>	<b>Event Description</b>
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 &quot;Dance is the movement of the soul on rhythm.&quot; 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





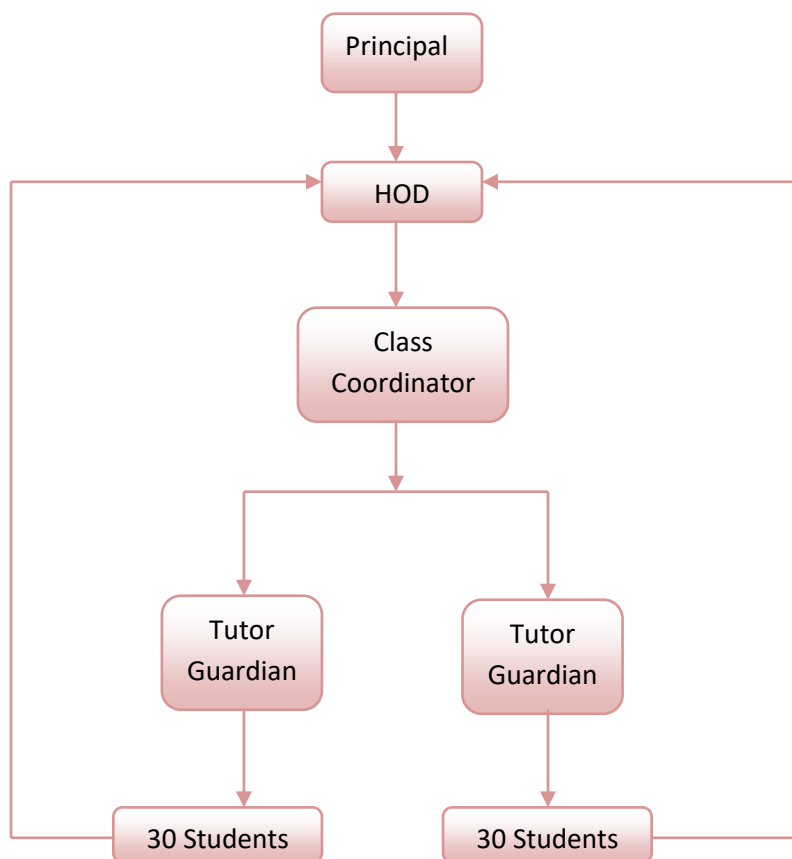


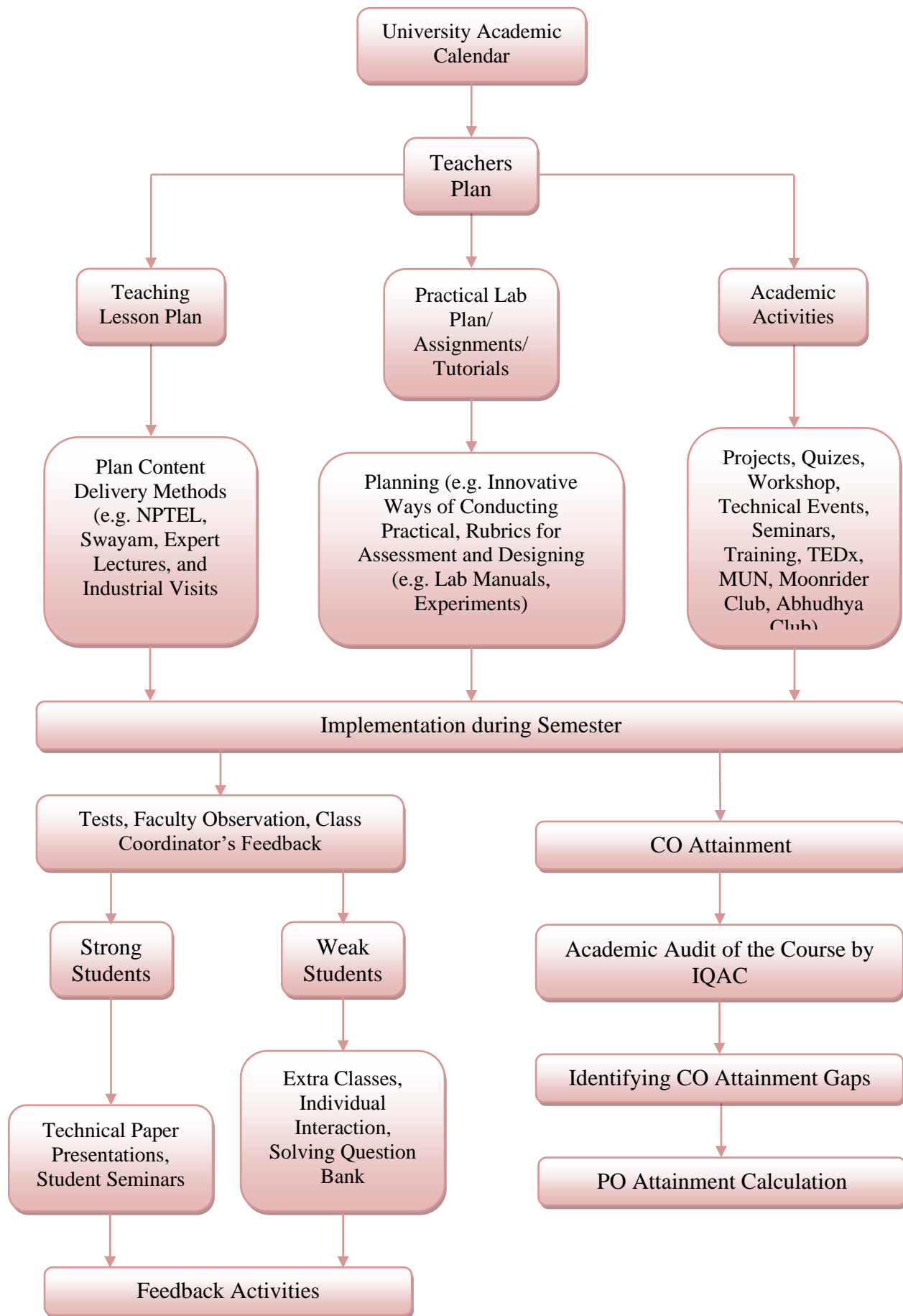


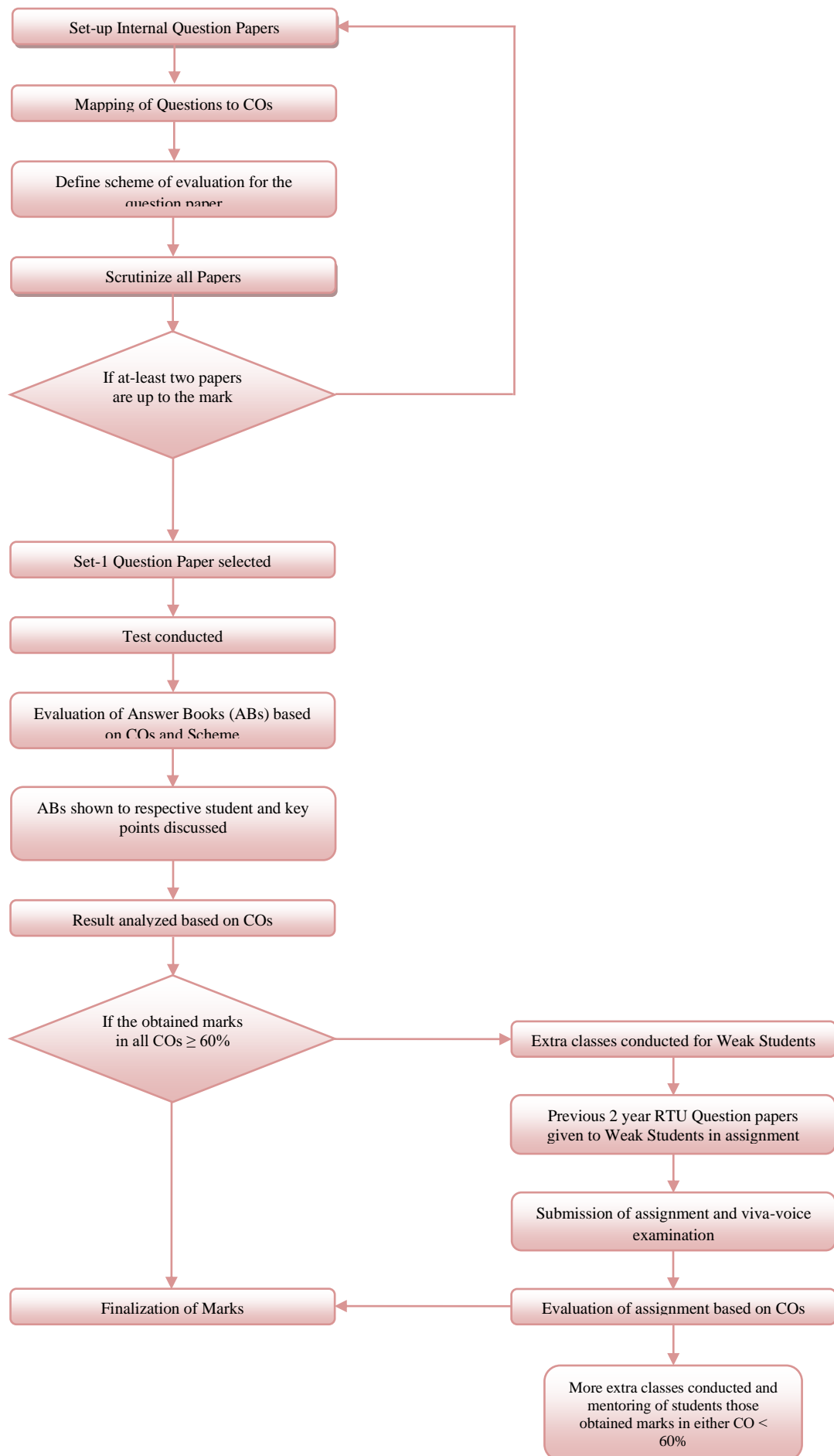


### Course Work Specific/ Laboratory Specific

- 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.







**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
<b>Feedback collection process</b>	YES for all courses
<b>Process</b>	Computerized using software
<b>Feedback receiver</b>	HoD
<b>Frequency of feedback collection</b>	Once in a semester (but oral feedback from the students is taken by HoD almost every month)
<b>Metrics used for calculation</b>	5-Excellent 4-very good 3-good 2-satisfactory 1-below average
<b>Purpose of comment</b>	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.

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.

## 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

.....



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

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)

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"/> |

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
---	---	---	---	---

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"/>

**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 <b>OR</b> <b>Internal Marks based on OBE for the year 2020-22 (10)</b> <b>Course file as per OBE (10)</b> <b>Student feedback (10)</b>	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, NITTR) 5, Cultural activity (5), class coordinator (5), Expert Talk (5) organized <b>OR</b> 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**

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

**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	
<b><u>Criteria No. 6 to 8 - To be filled by the concerned HOD</u></b>			
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.



# Jaipur Engineering College and Research Centre, Jaipur

## TECHNICIAN APPRAISAL FORM FOR THE YEAR 2020-21

Total 150 points

Name of the Technician: Vaishali Yadav

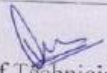
Designation: Lab Tech.


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
<b>Criteria No. 6 to 8 - To be filled by the concerned HOD</b>			
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

**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
	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, <b>PSO1, PSO2</b>
2	" ICAMCM-22"	17-18 June 2022	International	PO1, PO4, PO10, <b>PSO1, PSO2</b>
3	'Recent Trends and Smart Technologies in Electrical Engineering-2022'	20.05.2022-21.05.2022	National	PO1, PO4, PO10, <b>PSO1, PSO2</b>
4	Emerging Trends in Civil Engineering For Sustainable Development		National	PO1, PO4, PO10, <b>PSO1, PSO2</b>
5	Information Technology and Security Applications	May 14-15, 2022	National	PO1, PO4, PO10, <b>PSO1, PSO2</b>
6	Recent Innovations & Technological Development in Mechanical Engineering	11-12 March, 2022	International	PO1, PO4, PO10, <b>PSO1, PSO2</b>
7	Futuristic Trends in Mechanical Engineering	25-26 May, 2022	National	PO1, PO4, PO10, <b>PSO1, PSO2</b>



							MoUs		
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	<a href="#">View Document</a>	<a href="#">Link</a>
					One Day Seminar on "Career Seminar by Made Easy"	EE	45	<a href="#">View Document</a>	
					Seminar on Career Counselling	IT	84	<a href="#">View Document</a>	
					A Guest Lecture on "Career Opportunities for Graduate Engineers"	ME	42	<a href="#">View Document</a>	
2	Amritsar Group of Colleges, Amritsar	Amritsar Group of Colleges, Amritsar	2022	3 Years	Workshop under students exchange programme	ME	-	<a href="#">View Document</a>	<a href="#">Link</a>
3	Google Cloud	Google Cloud	2020	Since Dec,2020	Internship	CSE,IT	Approx 95	<a href="#">View Document</a>	<a href="#">Link</a>
					Add on GCCF-AIDS	AIDS	20	<a href="#">View Document</a>	
					GCCF-1	CSE	274	<a href="#">View Document</a>	
					GCCF-2	CSE	274	<a href="#">View Document</a>	
					GCCF-3	CSE	274	<a href="#">View Document</a>	
					GCCF-4	CSE	274	<a href="#">View Document</a>	

							<a href="#">ment</a>	
					GCR-1	CSE	74	<a href="#">View Document</a>
					GCR-2	CSE	76	<a href="#">View Document</a>
					GCR-3	CSE	75	<a href="#">View Document</a>
					GCR-4	CSE	67	<a href="#">View Document</a>
					GCCF-3	IT	39	<a href="#">View Document</a>
					GCCF-4	IT	39	<a href="#">View Document</a>
					GCCF-IT	IT	113	<a href="#">View Document</a>
4	Upflairs Pvt. Ltd.	Upflairs Pvt. Ltd.	2021	3 Year	Internship	ECE	184	<a href="#">View Document</a>
					Machine Learning and Data Science using Python	ECE	135	<a href="#">View Document</a>
					Embedded System	ECE	159	<a href="#">View Document</a>
					Artificial Intelligence	ECE	164	<a href="#">View Document</a>
					Advance Embedded System and Design	ECE	155	<a href="#">View Document</a>
					Web development with django	CSE	85	<a href="#">View Document</a>
					Machine learning and python	CSE	96	<a href="#">View Document</a>
					ML-IT	IT	19	<a href="#">View</a>

[Link](#)

								<a href="#">Docu ment</a>	
5	PCOS PCOD Clinic MOM	PCOS PCOD Clinic MOM	2021		Faculty Consultatio n session	College level	9	<a href="#">View Docu ment</a>	<a href="#">Lin k</a>
6	Hewlett Packard Enterpr ise	Hewlett Packard Enterprise	2021	5 Year	Placement	College level	12	<a href="#">View Docu ment</a>	<a href="#">Lin k</a>
7	MOU with Co ding Ninjas	MOU with Codi ng Ninjas	2021		Access to Coding Ninjas Course  introduction to programmin g".	CSE,IT, ECE,M E,CE	1510	<a href="#">View Docu ment</a>	<a href="#">Lin k</a>
8	Interns hala	Internshal a	2021	1 Year	Internship	College level	221	<a href="#">View Docu ment</a>	<a href="#">Lin k</a>
9	CSRB OX(Re nalysis consult ancy pvt.ltd)	CSRBOX( Renalysis consultanc y pvt.ltd)	2020	1.5 Year	-			-	<a href="#">Lin k</a>
10	DoIT & Commu nication , Govern ment of Rajasth an	DoIT & Communi cation, Governme nt of Rajasthan	2021	3 Years	-		-	-	<a href="#">Lin k</a>
11	Elsevie r (Materi als Today: Proceed ings)	Elsevier (Materials Today: Proceedin gs)	2022	6 Months	2nd Internationa l Conference on Advances in Materials Science, Communica tion and Microelectr onics, 17-18 June 2022, Jaipur, India	ECE	Internal- 24, External -125	<a href="#">View Docu ment</a>	<a href="#">Lin k</a>

12	RVR Innovations LLP	RVR Innovations LLP	2021	3 Years	<a href="#">Student-Link</a>	For Student login UID:10101 Password:jeerc		<a href="#">Student-Link</a>	<a href="#">Link</a>
					<a href="#">Admin-Link</a>	For Admin Login UID:hojd.cse@jeerc.ac.in Password:jeerc		<a href="#">Admin-Link</a>	
13	Bhartiya Skill Development University, Jaipur	Bhartiya Skill Development University, Jaipur	2020	3Years	Bhartiya Skill Development University, Jaipur Field Trip(ME)	ME	88	<a href="#">View Document</a>	<a href="#">Link</a>
					Bhartiya Skill Development University, Jaipur Field Trip(EE)	EE	85	<a href="#">View Document</a>	
14	Automation Anywhere	Automation Anywhere	2019	3Years	A Seminar on "Robotics and automation in Industries"	ECE	79	<a href="#">View Document</a>	<a href="#">Link</a>
15	CADD Centre Training Services, Raja Park, Jaipur	CADD Centre Training Services, Raja Park, Jaipur	2019	3Years	Training and Certificate Course	ME	2 and more	<a href="#">View Document</a>	<a href="#">Link</a>
16	Baba Automobiles Pvt.Ltd.	Baba Automobiles Pvt.Ltd.	2020 and after renewal for	1 year after that renewal for 3	Electric Vehicles	ME	45	<a href="#">View Document</a>	<a href="#">Link</a>
					Evehicles_PowerStora	ME	55	<a href="#">View Document</a>	



			3years	year	ge&Transmi ssion			<a href="#">ment</a>	
					EVehicle_ Working&A ssembly	ME	37	<a href="#">View Docu ment</a>	
					Hybrid and Advanced EVehicles	ME	45	<a href="#">View Docu ment</a>	
					Internship	ME	5	<a href="#">View Docu ment</a>	
17	Celonis	Celonis	2022	2 Years	Training and Certification of Faculties under Academic Alliance with Celonis	College Level	-	<a href="#">View Docu ment</a>	<a href="#">Lin k</a>
					Orientation seminar by Celonis	College Level	-	<a href="#">View Docu ment</a>	
18	Igen Edu Solutio ns Pvt. Ltd., India	Igen Edu Solutions Pvt. Ltd., India	2022	3 Years	Various Patents	College Level	9	<a href="#">View Docu ment</a>	<a href="#">Lin k</a>
19	Dudley College Broadw ay, UK	Dudley College Broadway , UK	2017 onwar ds	Till Now	AICTE- UKIERI Further Education Leadership and Managemen t Training Programme( Phase-1)	College Level	15	<a href="#">View Docu ment</a>	<a href="#">Lin k</a>
					AICTE- UKIERI Further Education Leadership and Managemen t Training Programme( Phase-2)	College Level	9		
					AICTE- UKIERI	College Level	9		

					Further Education Leadership and Management Training Programme( Phase-3)				
20	Techie Nest Pvt. Ltd.	TechieNest Pvt. Ltd.	2019	3 Years	Internship	ECE	93	<a href="#">View Document</a>	<a href="#">Link</a>
					Python Application Development	ECE	219	<a href="#">View Document</a>	
					AI tools and Techniques	ECE	230	<a href="#">View Document</a>	
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	<a href="#">View Document</a>	<a href="#">Link</a>
22	Infosys Campus Connect	Infosys Campus Connect	Dec.2021	2 Years	Faculty Enablement Program on Artificial Intelligence	AI DS	2	<a href="#">View Document</a>	<a href="#">Link</a>
					TTT Program on Java Programming Using Spring Board Platform (Phase-1)	AI DS	2	<a href="#">View Document</a>	
					TTT Program on Java Programming Using Spring Board Platform	AI DS	3	<a href="#">View Document</a>	

					(Phase-2)			
					Faculty Enablement Program on Programming Fundamentals of Python Using Spring Board Platform	AI DS	2	<a href="#">View Document</a>
					Student Development Program on Python, DBMS, OOPs, DSA and JAVA using Spring Board Platform	AI DS	271	<a href="#">View Document</a>



### 9.3 Feedback on facilities (5)

S. No.	Facility	How feedback is taken	Type of Record	Action Taken
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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.



- 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.



## Transport Facility

Jaipur Engineering College & Research Centre, Shri Ram ki Nangal, Via-Sitapura RIICO, Jaipur - 302022.

 [priyajyotiyans.cse@jecrc.ac.in](mailto:priyajyotiyans.cse@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

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



To what extent the Wi-Fi facility is available in the hostel campus. \*

1      2      3      4      5  
           

How would you rate the cooperativeness and accessibility of hostel staff? \*

1      2      3      4      5  
           

How would you rate the menu is properly displayed? \*

1      2      3      4      5  
           

How would you rate Do's and Don'ts are displayed? \*

1      2      3      4      5  
           

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**

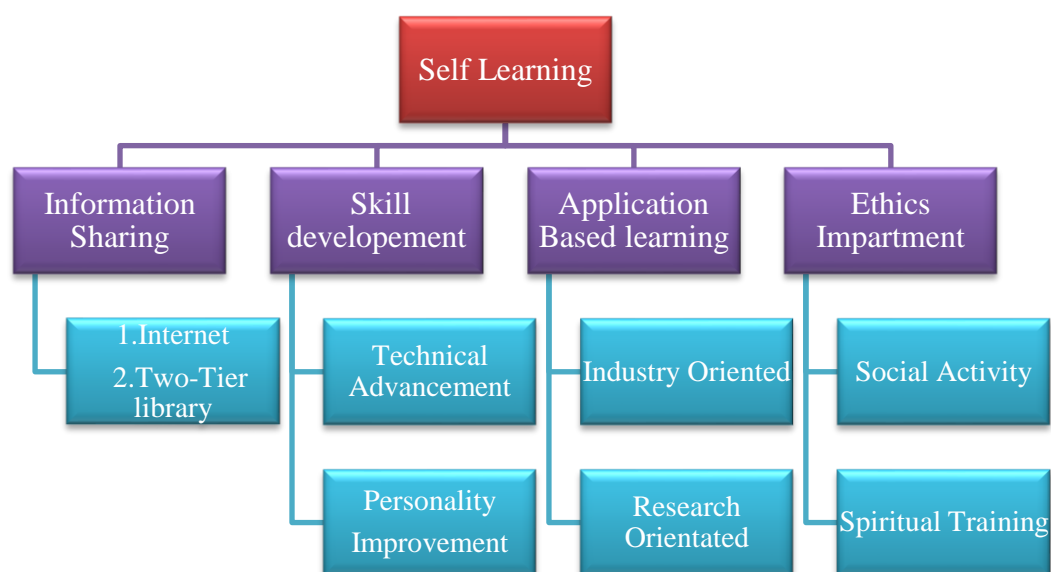
#### **9.4. Self-Learning (5)**

*(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.

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

#### Personlity Improvement

Year	Faculty	No of students enrolled (Soft Skill)
2021-2022	FACE Faculties	652

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

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 –

					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

				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



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

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

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
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
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 Singh Shekhawat	Stadd Pro , Primavera
259	CE	105	Internship	Deepak Kumar	Revit and staadpro

				Neniwal	
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 .
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

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	linkedIn, 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



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

				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
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 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	
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
512	ME	113	Internship	ARYAMAN KHADOLIYA	Intro to Digital Manufacturing with Autodesk Fusion 360

513	ME	113	Internship	ARYAN BAHETI	Web Development 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 Development 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
535	ME	113	Internship	JAI PARKASH	solidworks and Machine Learning
536	ME	113	Internship	JAIVEER	Machine learning with

				SINGH	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 KUMAR SAHU	Programming in Python
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
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 SHRIVASTAV A	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
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++
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!
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 DEVELOPEMENT
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	Phython 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
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
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
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 Upadhyay	PYTHON
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
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 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
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@je crc.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
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 Changal	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
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
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
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 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
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
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 DINESHKUMAR	Machine Learning using 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
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
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
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
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 Amara	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
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
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 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
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
1285	CSE	106	Internship	KAUSTUBH SHRIVASTAVA	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	KRIKA 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
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
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 SINGH	Python training
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	GCCF

				SAINI	
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 KHANDELWAL	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 KHANDELWAL	
1382	CSE	106	Internship	DIVYANSHU SINGH	
1383	CSE	106	Internship	VARUN SONI	
1384	CSE	106	Internship	VASU GUPTA	
1385	CSE	106	internship	VIKALP 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 GARG	Cloud Computing Services
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	Cloud Computing Services



				NATHAWAT	
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
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	Cloud Computing Services

				KASUMBIWAL	
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
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	Jenkins

				SHARMA	
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 MAHESHWARI	Front End Web 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	Full Stack Development

				KUMAR PALLIWAL	(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
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 KHANDELWA L	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 SOLANKI	Machine learning
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 learning using python
1558	CSE	106	Internship	MUSKAN BHALAWAT	digital marketing
1559	CSE	106	internship	MUSKAN MAHESHWARI	Core Java
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	Machine Learning

				GUPTA	
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 GURJAR	machine learning with DS
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	Full Stack Web

				PATHAK	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 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	Terraform and Cloud



				GUPTA	
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 VIJAYVARGIYA	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 KESNANI	Data Analytics- IBM 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 SAHU	Full Stack Web Development
1664	CSE	106	Internship	AGAM JAIN	Web Development
1665	CSE	106	Internship	AKASH SINGH	Web Development
1666	CSE	106	Internship	AKSHAT KHANDELWAL	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 KHANDELWAL	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 KHANDELWAL	Web Development
1686	CSE	106	internship	KARTIK BHATIA	Machine Learning
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 KULSHRESTHA	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
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	Embedded systems

				Pathan	
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
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
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	Embedded System and

				Khangarot	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
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 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	Kartikeya 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
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
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 & 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 & 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	Vikashchoudhary	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	VivekkumarNagda	Solar PV , PLC & SCADA
1949	EE	107	Internship	YuvrajDeovanshi	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
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 syatems
1989	ECE	109	Internship	DARSHAN NAHATA	Machine Learning
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 Science
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
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
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
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
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 Amara	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
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
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	ML

				Sharma	
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 Singh	Programming In Python
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 Dagur	Machine Learning
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	Web development

				Maharshi	
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 Adnan Khan	MI&DS
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 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
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	Machine learning

				Prajapati	
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
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	SHAIENDRA 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
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	GCCF

				PATHAK	
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
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 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
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
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	Embedded systems

				Yadav	
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
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 Toshniwal	Embedded system
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	Python 101 for Data Science
2607	AIDS		Internship	Aman Sharma	PHP-MySQL
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		Web Development Internship
2618	AIDS		Internship	Ayushi George	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		Python for Ai and development
2626	AIDS		Internship	Dinesh lomror	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
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	Mohit Kumar Lalwani	Online lecture series on Emerging trends in Computer Science and Information &

					Communication Technology
2651	AIDS		Internship		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		Phyton for AI& Development
2664	AIDS		Internship	Rahul pareek	UI/UX (Html5 + CSS3) Coding Internship
2665	AIDS		Internship	Ritisha sharma	Web development
2666	AIDS		Internship		JavaScript Coding
2667	AIDS		Internship	Satyam Rawat	HTML5 nd CSS3
2668	AIDS		Internship		Python 101 for data science
2669	AIDS		Internship	SHIVAM YADAV	Python 101 with data science
2670	AIDS		Internship		Basic Web development in JS and React Js
2671	AIDS		Internship		Pytho 101 for Data science
2672	AIDS		Internship	Shubham Sharma	Basic web development with HTML5 CSS3 and javascript
2673	AIDS		Internship	Sneha agarwal	Python industrial training by Tech Vision

2674	AIDS		Internship		Online lecture series on Emerging trends in Computer Science and Information & Communication Technology
2675	AIDS		Internship	Suhani Bhargava	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		Python for AI and development
2680	AIDS		Internship	Vipin khatri	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	<a href="https://drive.google.com/open?id=1PIio4hB54LOC9YcTzK68fQuG4B6MKEgL">https://drive.google.com/open?id=1PIio4hB54LOC9YcTzK68fQuG4B6MKEgL</a>
2	Aditi Jain	Internshala	6 weeks	<a href="https://drive.google.com/open?id=16Satj8tyiqd4eWe-KauoyxjelmG5gaLn">https://drive.google.com/open?id=16Satj8tyiqd4eWe-KauoyxjelmG5gaLn</a>
3	Aditi Malhotra	Internshala	6 weeks	<a href="https://drive.google.com/open?id=16KLbglmskOT7H_eirZCD1rV8lq3IzFc4">https://drive.google.com/open?id=16KLbglmskOT7H_eirZCD1rV8lq3IzFc4</a>
4	Aditya Mehta	Internshala	42 Days	<a href="https://drive.google.com/open?id=1cdriR-rHDQeLVknOJZqM_z1VfTrAQ5vc">https://drive.google.com/open?id=1cdriR-rHDQeLVknOJZqM_z1VfTrAQ5vc</a>
5	ADITYA SWARNKAR	Internshala	45 DAYS	<a href="https://drive.google.com/open?id=1T0ZliF2oKA29oQHkqPTJeo9E2jhbBp_F">https://drive.google.com/open?id=1T0ZliF2oKA29oQHkqPTJeo9E2jhbBp_F</a>
6	Akshat Jain	Internshala	6 week	<a href="https://drive.google.com/open?id=1L7aB8RVnJyp3y2xUmar2m-WLwAOC906">https://drive.google.com/open?id=1L7aB8RVnJyp3y2xUmar2m-WLwAOC906</a>
7	Akshat Singhal	Internshala	8 week	<a href="https://drive.google.com/open?id=1xWDTXjzUsoqYgyje-aPPvcXc9lQltF69">https://drive.google.com/open?id=1xWDTXjzUsoqYgyje-aPPvcXc9lQltF69</a>
8	Akshay Arora	Internshala	42 days	<a href="https://drive.google.com/open?id=1SgHXKP_YINikIA4M_NBhgMR_TGXOqCm24">https://drive.google.com/open?id=1SgHXKP_YINikIA4M_NBhgMR_TGXOqCm24</a>
9	Akshit Jagetiya	Internshala	42 Days	<a href="https://drive.google.com/open?id=1KbJaliiQZQvNcFD8YA4qFLVypDqkETG5">https://drive.google.com/open?id=1KbJaliiQZQvNcFD8YA4qFLVypDqkETG5</a>
10	AMAN SINGH	Internshala	40 days	<a href="https://drive.google.com/open?id=1PqespEhP22JOGIdGxK8ujhHY0V0FjD0G">https://drive.google.com/open?id=1PqespEhP22JOGIdGxK8ujhHY0V0FjD0G</a>
11	Aniket Sharma	Internshala	6 weeks	<a href="https://drive.google.com/open?id=1XL2nICHn4ZowQIyIGsVMMTiPHltm0ncO">https://drive.google.com/open?id=1XL2nICHn4ZowQIyIGsVMMTiPHltm0ncO</a>
12	ANSH AGARWAL	Internshala	40 DAYS	<a href="https://drive.google.com/open?id=1g1FMO-7DwKUsSAo-wt7o85bfuNzrX7TU">https://drive.google.com/open?id=1g1FMO-7DwKUsSAo-wt7o85bfuNzrX7TU</a>
13	Arpan Goyal	Internshala	45 Days	<a href="https://drive.google.com/open?id=1NKGEm">https://drive.google.com/open?id=1NKGEm</a>

				<a href="https://drive.google.com/open?id=Ud2xXs7qv9pesjK99IsvZKuKjoK">Ud2xXs7qv9pesjK99IsvZKuKjoK</a>
14	ARPIT GUPTA	Internshala	1.5 MONTHS	<a href="https://drive.google.com/open?id=1_ES645uDzYEMkhYjQu8cp0LvRT7_JVN-">https://drive.google.com/open?id=1_ES645uDzYEMkhYjQu8cp0LvRT7_JVN-</a>
15	Ashish Kumar	Internshala	6 Weeks	<a href="https://drive.google.com/open?id=14dXivrItHOYRVbtWMk5BqxTW0F5lpCNs">https://drive.google.com/open?id=14dXivrItHOYRVbtWMk5BqxTW0F5lpCNs</a>
16	Ashish Kumar	Internshala	6 weeks	<a href="https://drive.google.com/open?id=1PALPn-p7L20d5H9eQeCjy6KifKk_3k2j">https://drive.google.com/open?id=1PALPn-p7L20d5H9eQeCjy6KifKk_3k2j</a>
17	Ashutosh Lawania	Internshala	42 Days	<a href="https://drive.google.com/open?id=1Od6zHc3L_YEusODtUZiPUrm2ndrKJtG1">https://drive.google.com/open?id=1Od6zHc3L_YEusODtUZiPUrm2ndrKJtG1</a>
18	Ashutosh Mishra	Internshala	8 weeks	<a href="https://drive.google.com/open?id=1UrINIR7KbyYAD92miZF6vOLBvljwEVPq">https://drive.google.com/open?id=1UrINIR7KbyYAD92miZF6vOLBvljwEVPq</a>
19	Ayush Agarwal	Internshala	45 days	<a href="https://drive.google.com/open?id=19vH0OnW8jgpiI27b3xnDqwEpHY2gCMzH">https://drive.google.com/open?id=19vH0OnW8jgpiI27b3xnDqwEpHY2gCMzH</a>
20	Ayush Chaturvedi	Internshala	6 Weeks	<a href="https://drive.google.com/open?id=1AuWD59q1DBF27qNNsFzxElpKKkUsyZEP">https://drive.google.com/open?id=1AuWD59q1DBF27qNNsFzxElpKKkUsyZEP</a>
21	Bhaveen Kumar Tak	Internshala	30 days	<a href="https://drive.google.com/open?id=1mGzruQEycVT1rcGpBjiX6F2HRbOANJsN">https://drive.google.com/open?id=1mGzruQEycVT1rcGpBjiX6F2HRbOANJsN</a>
22	Bipul kumar Giri	Internshala	Six weeks	<a href="https://drive.google.com/open?id=1SBN0C4jW57Xf6BhAfs4MfDX2p_oRK3I">https://drive.google.com/open?id=1SBN0C4jW57Xf6BhAfs4MfDX2p_oRK3I</a>
23	chetan tanwar	Internshala	Six Month	<a href="https://drive.google.com/open?id=1Sd1zDxkq7eqC5W-CklBDKGll-kd4xjcg">https://drive.google.com/open?id=1Sd1zDxkq7eqC5W-CklBDKGll-kd4xjcg</a>
24	Deeptanshu sharma	Internshala	6 - WEEKS	<a href="https://drive.google.com/open?id=1WkAEGU6ocUtNMDQYPRJ4qV5p74X8rhED">https://drive.google.com/open?id=1WkAEGU6ocUtNMDQYPRJ4qV5p74X8rhED</a>
25	Deeptanshu sharma	Internshala	6 WEEKS	<a href="https://drive.google.com/open?id=1KogT52OQQ-tv679H0-1SuHODGz77wIo5">https://drive.google.com/open?id=1KogT52OQQ-tv679H0-1SuHODGz77wIo5</a>
26	Dheeraj Javeria	Internshala	6 Weeks	<a href="https://drive.google.com/open?id=1FAfJa_BGmuLHBtHd_j18tBm-8pW0U6WI">https://drive.google.com/open?id=1FAfJa_BGmuLHBtHd_j18tBm-8pW0U6WI</a>
27	DHYAN CHANDRA	Internshala	60 days	<a href="https://drive.google.com/open?id=1NocVGh79bqcRzz0o0b5W6akxWqCm0yf">https://drive.google.com/open?id=1NocVGh79bqcRzz0o0b5W6akxWqCm0yf</a>
28	Divyansh Sharma	Internshala	8 Weeks	<a href="https://drive.google.com/open?id=1enn6xyt7Qps-2oOTxGvJ3PRWCcgLH9pw">https://drive.google.com/open?id=1enn6xyt7Qps-2oOTxGvJ3PRWCcgLH9pw</a>
29	Divyansh Sharma	Internshala	6 weeks	<a href="https://drive.google.com/open?id=1NtIElqa2LuqGRORfzpS3mrTRGtFCWRQ7">https://drive.google.com/open?id=1NtIElqa2LuqGRORfzpS3mrTRGtFCWRQ7</a>
30	Dolly Mehta	Internshala	6 weeks	<a href="https://drive.google.com/open?id=1ImNpFPXxCuhX9UyJf1mglnODT_PyheHP">https://drive.google.com/open?id=1ImNpFPXxCuhX9UyJf1mglnODT_PyheHP</a>
31	Dolly Mehta	Internshala	40 days	<a href="https://drive.google.com/open?id=1R6jK0oK KM-5Y9Moa6lxwtomAOHwtxgTL">https://drive.google.com/open?id=1R6jK0oK KM-5Y9Moa6lxwtomAOHwtxgTL</a>
32	Garvit Mittal	Internshala	8 weeks	<a href="https://drive.google.com/open?id=1ny47Dozu92db3n5NtZtn2WVGguttunap">https://drive.google.com/open?id=1ny47Dozu92db3n5NtZtn2WVGguttunap</a>
33	Gaurav Bharadwaj	Internshala	6 Weeks	<a href="https://drive.google.com/open?id=1hc39jkHuXwy9767oo4LNxPIOIOqFxFxV">https://drive.google.com/open?id=1hc39jkHuXwy9767oo4LNxPIOIOqFxFxV</a>
34	Gaurav Budhani	Internshala	6 weeks	<a href="https://drive.google.com/open?id=1PjAZcQl2EERI9XdMSK8npo9k58vLDejf">https://drive.google.com/open?id=1PjAZcQl2EERI9XdMSK8npo9k58vLDejf</a>
35	Gurumeet barnwal	Internshala	6	<a href="https://drive.google.com/open?id=1Xrh-fixLp1Nsaih7O8ZG3jfboq8bYnQp">https://drive.google.com/open?id=1Xrh-fixLp1Nsaih7O8ZG3jfboq8bYnQp</a>
36	Harkishan S Walia	Internshala	8 weeks	<a href="https://drive.google.com/open?id=1c0g71EqNxNH46aX_bmoS8T38Nb5qiauU">https://drive.google.com/open?id=1c0g71EqNxNH46aX_bmoS8T38Nb5qiauU</a>
37	Harkishan S Walia	Internshala	8 weeks	<a href="https://drive.google.com/open?id=1JKLD1Gkj0Y9003CyIMnvyLqbO8R_09f">https://drive.google.com/open?id=1JKLD1Gkj0Y9003CyIMnvyLqbO8R_09f</a>

38	Harsh Vardhan Singh	Internshala	6 Weeks	<a href="https://drive.google.com/open?id=1UfSyt-hP9lZfVj-Tdk0oliB4hLKwe3R1">https://drive.google.com/open?id=1UfSyt-hP9lZfVj-Tdk0oliB4hLKwe3R1</a>
39	Harsh Vardhan Singh	Internshala	45 days	<a href="https://drive.google.com/open?id=18qwlst-r70zLIR2eOIM_JirS2_5f0wRu">https://drive.google.com/open?id=18qwlst-r70zLIR2eOIM_JirS2_5f0wRu</a>
40	Harshdeep Singh Songara	Internshala	6 weeks	<a href="https://drive.google.com/open?id=1aExn-XZjpAIhD2-EyX2hh8uxfZuEKkix">https://drive.google.com/open?id=1aExn-XZjpAIhD2-EyX2hh8uxfZuEKkix</a>
41	Harshdeep Singh Songara	Internshala	45 days	<a href="https://drive.google.com/open?id=1o6lZ311k aIP_BcNjIwiURbe35QMmynYX">https://drive.google.com/open?id=1o6lZ311k aIP_BcNjIwiURbe35QMmynYX</a>
42	HARSHIT BHAT	Internshala	6 weeks	<a href="https://drive.google.com/open?id=11ksg00gu 1YFxbgAAddPHblrSadOZPOV-">https://drive.google.com/open?id=11ksg00gu 1YFxbgAAddPHblrSadOZPOV-</a>
43	Harshit bhat	Internshala	6 weeks	<a href="https://drive.google.com/open?id=1bOGGoOU xqwaegRSBIaE9ZeoVtyo4D2og">https://drive.google.com/open?id=1bOGGoOU xqwaegRSBIaE9ZeoVtyo4D2og</a>
44	Harshita Sharma	Internshala	6 weeks	<a href="https://drive.google.com/open?id=1ic4laP9N LB5qUmdroZi3qsTCkYS-Tz9H">https://drive.google.com/open?id=1ic4laP9N LB5qUmdroZi3qsTCkYS-Tz9H</a>
45	Hiranshi Malvi	Internshala	6 weeks (45days)	<a href="https://drive.google.com/open?id=1JM3D7bf UjtvME737qYx31EEWmqf7NQg0">https://drive.google.com/open?id=1JM3D7bf UjtvME737qYx31EEWmqf7NQg0</a>
46	Hiranshi Malvi	Internshala	45days	<a href="https://drive.google.com/open?id=1hruJAPa VtQ_2j4mH2Bx2d_hg-jRhmio5">https://drive.google.com/open?id=1hruJAPa VtQ_2j4mH2Bx2d_hg-jRhmio5</a>
47	Indraysh Vijay	Internshala	6 weeks	<a href="https://drive.google.com/open?id=1_axD8eZ gVq6SUce_D1bltRtR7G5YjhzK">https://drive.google.com/open?id=1_axD8eZ gVq6SUce_D1bltRtR7G5YjhzK</a>
48	Indraysh Vijay	Internshala	45 days	<a href="https://drive.google.com/open?id=1FIBtupdC j8ynPyboKWVsAQzM2qX0fHnB">https://drive.google.com/open?id=1FIBtupdC j8ynPyboKWVsAQzM2qX0fHnB</a>
49	Ishika Gupta	Internshala	6 week	<a href="https://drive.google.com/open?id=1Ls3qbFV kZkva4lO3s2pBts47EvlVgpkT">https://drive.google.com/open?id=1Ls3qbFV kZkva4lO3s2pBts47EvlVgpkT</a>
50	Ishika Gupta	Internshala	6 weeks	<a href="https://drive.google.com/open?id=1vabl2xso AfKOxMJwXbawyQ93ywus9_-e">https://drive.google.com/open?id=1vabl2xso AfKOxMJwXbawyQ93ywus9_-e</a>
51	Ishu Parihar	Internshala	4weeks	<a href="https://drive.google.com/open?id=1ReFEsCT tsi-NS2E54feN-hfkOsTE6wzj">https://drive.google.com/open?id=1ReFEsCT tsi-NS2E54feN-hfkOsTE6wzj</a>
52	Ishu Parihar	Internshala	6 weeks	<a href="https://drive.google.com/open?id=1igur1Dwy yk5d7RA_b008x8blaDAGV7oA">https://drive.google.com/open?id=1igur1Dwy yk5d7RA_b008x8blaDAGV7oA</a>
53	Ishwar verma	Internshala	1 month	<a href="https://drive.google.com/open?id=1wh52tTx m3tSQqGZUxPLDz0EaCmodZCCH">https://drive.google.com/open?id=1wh52tTx m3tSQqGZUxPLDz0EaCmodZCCH</a>
54	Janvi Jain	Internshala	6 weeks	<a href="https://drive.google.com/open?id=12fRp-j1OEc5JIyuriQ5KZa6V-Kg6NhZ5">https://drive.google.com/open?id=12fRp-j1OEc5JIyuriQ5KZa6V-Kg6NhZ5</a>
55	Janvi Jain	Internshala	45 days	<a href="https://drive.google.com/open?id=1rNoeUs2 5Qg4odoeoktAOAJgPgCIqvfb2">https://drive.google.com/open?id=1rNoeUs2 5Qg4odoeoktAOAJgPgCIqvfb2</a>
56	Jatin Pareek	Internshala	6 Weeks	<a href="https://drive.google.com/open?id=1g56glC4q l3BWvPU6bLiDZwPb1mNd9zIB">https://drive.google.com/open?id=1g56glC4q l3BWvPU6bLiDZwPb1mNd9zIB</a>
57	Jatin Pareek	Internshala	45 days	<a href="https://drive.google.com/open?id=1IpeedJhE 6dJU1YWqVoaFspKvO29bRt-Y">https://drive.google.com/open?id=1IpeedJhE 6dJU1YWqVoaFspKvO29bRt-Y</a>
58	JYOTI PODDAR	Internshala	6WEEK	<a href="https://drive.google.com/open?id=1RfESxxk zyD_xp3u5004NnrgCrhgkilW">https://drive.google.com/open?id=1RfESxxk zyD_xp3u5004NnrgCrhgkilW</a>
59	Jyoti Poddar	Internshala	6weeks	<a href="https://drive.google.com/open?id=1hDDSFT 6y2mwjeKUh7agdt9XOxdwgKN_t">https://drive.google.com/open?id=1hDDSFT 6y2mwjeKUh7agdt9XOxdwgKN_t</a>
60	Kajal Goyal	Internshala	6weeks	<a href="https://drive.google.com/open?id=1jYS1qWo">https://drive.google.com/open?id=1jYS1qWo</a>

				<a href="#">MqUDpIX_a4jUs3VTORtgsTpu</a>
61	Kashish Chandra	Internshala	6 weeks (42 days)	<a href="https://drive.google.com/open?id=1myJttxF4eqfm4HqLYS6uBqVvCNIEbeV1">https://drive.google.com/open?id=1myJttxF4eqfm4HqLYS6uBqVvCNIEbeV1</a>
62	Kashish Chandra	Internshala	6 weeks	<a href="https://drive.google.com/open?id=1mBgxby3r4Xd_o3F9a-SskeSEo1p5IC-">https://drive.google.com/open?id=1mBgxby3r4Xd_o3F9a-SskeSEo1p5IC-</a>
63	Keshav Khandelwal	Internshala	8 weeks	<a href="https://drive.google.com/open?id=1gPKJYPERrFc413GgAWDMbZrSI7IL-YHu">https://drive.google.com/open?id=1gPKJYPERrFc413GgAWDMbZrSI7IL-YHu</a>
64	Keshav Khandelwal	Internshala	8 weeks	<a href="https://drive.google.com/open?id=1kLniTNdCZjpDILKCwmJKN34J_jnbigrG">https://drive.google.com/open?id=1kLniTNdCZjpDILKCwmJKN34J_jnbigrG</a>
65	Kinshu kumar gupta	Internshala	42 days	<a href="https://drive.google.com/open?id=1D2mUFjAoG50L_muT3x46ufpv2VhubZg9">https://drive.google.com/open?id=1D2mUFjAoG50L_muT3x46ufpv2VhubZg9</a>
66	Kinshu kumar gupta	Internshala	45 days	<a href="https://drive.google.com/open?id=1TRvMitek1oVHPwPFTJh-QfJp2YCKIYZ">https://drive.google.com/open?id=1TRvMitek1oVHPwPFTJh-QfJp2YCKIYZ</a>
67	Kuldeep Singh Dagur	Internshala	6 Weeks	<a href="https://drive.google.com/open?id=1nzqEjpNK8n6iraMafVrTyzb9KT3938XZ">https://drive.google.com/open?id=1nzqEjpNK8n6iraMafVrTyzb9KT3938XZ</a>
68	Kuldeep Singh Dagur	Internshala	6 Weeks	<a href="https://drive.google.com/open?id=1DabIbMrO4Wmt-cm0R0RzqvLpJzN-jQW">https://drive.google.com/open?id=1DabIbMrO4Wmt-cm0R0RzqvLpJzN-jQW</a>
69	Kunal Dadheech	Internshala	8 Weeks	<a href="https://drive.google.com/open?id=1y10aIWVwAsdggD-IAMRdS_zUk_FU-KD">https://drive.google.com/open?id=1y10aIWVwAsdggD-IAMRdS_zUk_FU-KD</a>
70	Kunal Sharma	Internshala	8 weeks	<a href="https://drive.google.com/open?id=1Cgm2M8sZbKB00_z2XtgcsoeqxfX9e5BT">https://drive.google.com/open?id=1Cgm2M8sZbKB00_z2XtgcsoeqxfX9e5BT</a>
71	Kunal Sharma	Internshala	8 weeks	<a href="https://drive.google.com/open?id=1nkiK6vstdfwl_E5Zeit77vmjCuZAcqb">https://drive.google.com/open?id=1nkiK6vstdfwl_E5Zeit77vmjCuZAcqb</a>
72	Lakshay Jain	Internshala	6 weeks	<a href="https://drive.google.com/open?id=1kl5Glkc8RDN6iC3fu1q_xAoYrzPyFk6v">https://drive.google.com/open?id=1kl5Glkc8RDN6iC3fu1q_xAoYrzPyFk6v</a>
73	Lakshya Jhalani	Internshala	2 months	<a href="https://drive.google.com/open?id=1oK9D6rYBesxc9bHbi2MG2gfnqKtgC_o0">https://drive.google.com/open?id=1oK9D6rYBesxc9bHbi2MG2gfnqKtgC_o0</a>
74	Laxman Prasad Ojha	Internshala	6 weeks	<a href="https://drive.google.com/open?id=1fyJW5Z1b8znd_hxIHHNVYia0YGlzDT0m">https://drive.google.com/open?id=1fyJW5Z1b8znd_hxIHHNVYia0YGlzDT0m</a>
75	Lokender singh	Internshala	6 week	<a href="https://drive.google.com/open?id=15Xnb72tKzwRmmGb_muHzXYXoVUmrBfp2">https://drive.google.com/open?id=15Xnb72tKzwRmmGb_muHzXYXoVUmrBfp2</a>
76	Madhur Maharshi	Internshala	1.5 months	<a href="https://drive.google.com/open?id=13JdZkuNRlzVEBloReLV-YaTJv3WSTLRR">https://drive.google.com/open?id=13JdZkuNRlzVEBloReLV-YaTJv3WSTLRR</a>
77	Madhur Maharshi	Internshala	6 week	<a href="https://drive.google.com/open?id=1z5unqcIpCfQwAW7DC0tozx3BcH_78yB">https://drive.google.com/open?id=1z5unqcIpCfQwAW7DC0tozx3BcH_78yB</a>
78	Mayank Kumar	Internshala	6 weeks	<a href="https://drive.google.com/open?id=1WQm36R87U-XSc6rntnkTO0k1LUJGWsKT">https://drive.google.com/open?id=1WQm36R87U-XSc6rntnkTO0k1LUJGWsKT</a>
79	Mayank Kumar	Internshala	6 weeks	<a href="https://drive.google.com/open?id=1rQ3oqhVoc0aZbbfmo1rQbYsY5HOoDyEu">https://drive.google.com/open?id=1rQ3oqhVoc0aZbbfmo1rQbYsY5HOoDyEu</a>
80	Megha	Internshala	8 week	<a href="https://drive.google.com/open?id=1I1A4PnQGwOZtXynFXtp7EcOkMDMPhWFq">https://drive.google.com/open?id=1I1A4PnQGwOZtXynFXtp7EcOkMDMPhWFq</a>
81	Megha	Internshala	8 weeks	<a href="https://drive.google.com/open?id=1g-fmrghRh62zFwY4PlqhofX15q7p6YIC">https://drive.google.com/open?id=1g-fmrghRh62zFwY4PlqhofX15q7p6YIC</a>
82	Mihir Dadhich	Internshala	.	<a href="https://drive.google.com/open?id=1P9_f3-ZfbR_xuxPtztCPZY0Ju2iZwekL">https://drive.google.com/open?id=1P9_f3-ZfbR_xuxPtztCPZY0Ju2iZwekL</a> , <a href="https://drive.google.com/open?id=1ZCoi6UuE76UtgbpzIbK9hhpzegqqYPQT">https://drive.google.com/open?id=1ZCoi6UuE76UtgbpzIbK9hhpzegqqYPQT</a>
83	Mihir Dadhich	Internshala	6 weeks	<a href="https://drive.google.com/open?id=1YvoeoSPwzXuU1_Zirg3X2HC7-HpT4Pz1">https://drive.google.com/open?id=1YvoeoSPwzXuU1_Zirg3X2HC7-HpT4Pz1</a>



84	Milan Singh Gurjar	Internshala	57 days	<a href="https://drive.google.com/open?id=1VPLY5BozPgwKAgywLdAG2I-g7ufbRqev">https://drive.google.com/open?id=1VPLY5BozPgwKAgywLdAG2I-g7ufbRqev</a>
85	Mitul Chhipa	Internshala	6 Weeks	<a href="https://drive.google.com/open?id=1Z5CWjbYXtelKVF-r6vQT6Axi5d--bXj4">https://drive.google.com/open?id=1Z5CWjbYXtelKVF-r6vQT6Axi5d--bXj4</a>
86	Mitul Chhipa	Internshala	6 week	<a href="https://drive.google.com/open?id=1bf2zyEvyWbiBe9aGFYDSYEt5xi2j_drO">https://drive.google.com/open?id=1bf2zyEvyWbiBe9aGFYDSYEt5xi2j_drO</a>
87	Mohit Mathur	Internshala	6 weeks	<a href="https://drive.google.com/open?id=1qrrqmXh7zn1QvaECd9AqBhB6_l5tKBOMI">https://drive.google.com/open?id=1qrrqmXh7zn1QvaECd9AqBhB6_l5tKBOMI</a>
88	MONIKA SAINI	Internshala	6 weeks	<a href="https://drive.google.com/open?id=1A8CoERYUfByxEwoHDpJpCjRxBqxl1sjkP">https://drive.google.com/open?id=1A8CoERYUfByxEwoHDpJpCjRxBqxl1sjkP</a>
89	Monika Saini	Internshala	6 weeks	<a href="https://drive.google.com/open?id=1Begn0SRzio2LdNUl3QREO75lifTcM1xt">https://drive.google.com/open?id=1Begn0SRzio2LdNUl3QREO75lifTcM1xt</a>
90	Muskan Bhattar	Internshala	42 days	<a href="https://drive.google.com/open?id=1XkYR8pRNukcpgjDOW5yUkz6my8XUtYMA">https://drive.google.com/open?id=1XkYR8pRNukcpgjDOW5yUkz6my8XUtYMA</a>
91	Muskan Jalan	Internshala	45 days	<a href="https://drive.google.com/open?id=1xdHxVv9oV0o2Q5_LFUDVK_s6WVLoK61R">https://drive.google.com/open?id=1xdHxVv9oV0o2Q5_LFUDVK_s6WVLoK61R</a>
92	Naman jain	Internshala	38 days	<a href="https://drive.google.com/open?id=1WZ-Ye5ipyBUf7cdqIVjXPOVmAsmuxGSP">https://drive.google.com/open?id=1WZ-Ye5ipyBUf7cdqIVjXPOVmAsmuxGSP</a>
93	Nandini vyas	Internshala	45 days	<a href="https://drive.google.com/open?id=1wXch_Q3xRV4HrvUVelcJze7FWzz9U7nD">https://drive.google.com/open?id=1wXch_Q3xRV4HrvUVelcJze7FWzz9U7nD</a>
94	Nandini vyas	Internshala	6 weeks	<a href="https://drive.google.com/open?id=1N2WhVp tpAq9Wmh_6F1didUiCdSeXciMs">https://drive.google.com/open?id=1N2WhVp tpAq9Wmh_6F1didUiCdSeXciMs</a>
95	NAVEEN SHARMA	Internshala	8 week	<a href="https://drive.google.com/open?id=1sOtGoPjoVfKtVJOG5xnSORxNh6kRIIsM">https://drive.google.com/open?id=1sOtGoPjoVfKtVJOG5xnSORxNh6kRIIsM</a>
96	Nirali garg	Internshala	45 days	<a href="https://drive.google.com/open?id=1xwXt5TGhmacwzHgDm1ljXy16NkFcfBE">https://drive.google.com/open?id=1xwXt5TGhmacwzHgDm1ljXy16NkFcfBE</a>
97	Parishi sharma	Internshala	8 weeks	<a href="https://drive.google.com/open?id=15dbxirzUPcibGrVUtomf_tzhih1SSyP4">https://drive.google.com/open?id=15dbxirzUPcibGrVUtomf_tzhih1SSyP4</a>
98	Parishi Sharma	Internshala	8 weeks	<a href="https://drive.google.com/open?id=10NtjmmjRZM-yTwfGKeJXa4K96oSA1xGh">https://drive.google.com/open?id=10NtjmmjRZM-yTwfGKeJXa4K96oSA1xGh</a>
99	Parishi sharma	Internshala	8 weeks	<a href="https://drive.google.com/open?id=1Snslhqvp cbDpJU8A_NHVI4Fkwipg4ggN">https://drive.google.com/open?id=1Snslhqvp cbDpJU8A_NHVI4Fkwipg4ggN</a>
100	PRATHAM MITTAL	Internshala	45	<a href="https://drive.google.com/open?id=14Z1gPJEi Ner4Q-INsT4_ak1hIU0kdPXf">https://drive.google.com/open?id=14Z1gPJEi Ner4Q-INsT4_ak1hIU0kdPXf</a>
101	PRATYUSH AMRIT	Internshala	60	<a href="https://drive.google.com/open?id=1IpPo_5g2pB5iBF14qkRfCrSgvqyfv3kz">https://drive.google.com/open?id=1IpPo_5g2pB5iBF14qkRfCrSgvqyfv3kz</a>
102	Pratyush Amrit	Internshala	80	<a href="https://drive.google.com/open?id=13FxmW0TyhyG4BsimNlzyYmOMXcmYG3K2">https://drive.google.com/open?id=13FxmW0TyhyG4BsimNlzyYmOMXcmYG3K2</a>
103	Prinal Gupta	Internshala	6 weeks	<a href="https://drive.google.com/open?id=1iFhWRlxQj3yyfTCjPW3yxqvYV0kOK7SN">https://drive.google.com/open?id=1iFhWRlxQj3yyfTCjPW3yxqvYV0kOK7SN</a>
104	Priyanshi Agrawal	Internshala	6 weeks	<a href="https://drive.google.com/open?id=1zxNXPEZaBPbEflf0SyfpB1cGo_gbv11S">https://drive.google.com/open?id=1zxNXPEZaBPbEflf0SyfpB1cGo_gbv11S</a>
105	Pulkit khandelwal	Internshala	8 week	<a href="https://drive.google.com/open?id=1XII-Kbi6lRdJ-TdQs-AOfjo75Q7kMqqp">https://drive.google.com/open?id=1XII-Kbi6lRdJ-TdQs-AOfjo75Q7kMqqp</a>
106	Pulkit Khandelwal	Internshala	8 week	<a href="https://drive.google.com/open?id=1kUu0S6HqMZgWk6HSInQ7DO76GJzqb-9s">https://drive.google.com/open?id=1kUu0S6HqMZgWk6HSInQ7DO76GJzqb-9s</a>
107	Pulkit khandelwal	Internshala	8 week	<a href="https://drive.google.com/open?id=1W4dEJy2J-gtupO6jep0vlFg9akgIpiT6">https://drive.google.com/open?id=1W4dEJy2J-gtupO6jep0vlFg9akgIpiT6</a>
108	Puneet	Internshala	45 days	<a href="https://drive.google.com/open?id=1VBAIpR">https://drive.google.com/open?id=1VBAIpR</a>

	kukkar			<a href="https://drive.google.com/open?id=1o7XC3EWcQ2oDTYUWkMqO3lo0SxoKSc3w">YXVRViObwnz0b4tbISgSzxh9la</a>
109	Puneet kukkar	Internshala	6 weeks	<a href="https://drive.google.com/open?id=1o7XC3EWcQ2oDTYUWkMqO3lo0SxoKSc3w">https://drive.google.com/open?id=1o7XC3EWcQ2oDTYUWkMqO3lo0SxoKSc3w</a>
110	Rachit Bhargava	Internshala	48 DAYS	<a href="https://drive.google.com/open?id=1Cv49zjrmYBk8F-3WYjWrNPK3YP39rzHb">https://drive.google.com/open?id=1Cv49zjrmYBk8F-3WYjWrNPK3YP39rzHb</a>
111	Raghav agarwal	Internshala	6 weeks	<a href="https://drive.google.com/open?id=1cJoXQKdGi41EbGixR2X2EjNXbh7pJG74">https://drive.google.com/open?id=1cJoXQKdGi41EbGixR2X2EjNXbh7pJG74</a>
112	Raghav agarwal	Internshala	6 weeks	<a href="https://drive.google.com/open?id=1xxOutwE1fBWaJ9UvuFMoWyEN7EIUV5v-">https://drive.google.com/open?id=1xxOutwE1fBWaJ9UvuFMoWyEN7EIUV5v-</a>
113	Rahul danga	Internshala	40 days	<a href="https://drive.google.com/open?id=19IMmmFlhqwVHsIyvsWYGP5XT_BkyTA1">https://drive.google.com/open?id=19IMmmFlhqwVHsIyvsWYGP5XT_BkyTA1</a>
114	Rahul danga	Internshala	40 days	<a href="https://drive.google.com/open?id=10SBLUTtcpprYwLGKCSg6Wv5ukKtFXi_y">https://drive.google.com/open?id=10SBLUTtcpprYwLGKCSg6Wv5ukKtFXi_y</a>
115	Rajat jakhar	Internshala	8week	<a href="https://drive.google.com/open?id=1gwCtzaPZh4j9zpm9a5F8gTli3wMzA8W0">https://drive.google.com/open?id=1gwCtzaPZh4j9zpm9a5F8gTli3wMzA8W0</a>
116	Rajat jakhar	Internshala	8 weeks	<a href="https://drive.google.com/open?id=1H0yuXR YnHvPjqoWZg0q9f9tYACI8peE_">https://drive.google.com/open?id=1H0yuXR YnHvPjqoWZg0q9f9tYACI8peE_</a>
117	Rajshree Prajapati	Internshala	1 half month	<a href="https://drive.google.com/open?id=1F2-HOS2oWfPyDaqd-Xi4dfu1yVutLKGK">https://drive.google.com/open?id=1F2-HOS2oWfPyDaqd-Xi4dfu1yVutLKGK</a> , <a href="https://drive.google.com/open?id=1AvkS5BmPi8EkUo2TM6NDCRyM0TbLjELH">https://drive.google.com/open?id=1AvkS5BmPi8EkUo2TM6NDCRyM0TbLjELH</a>
118	Rajshree Prajapati	Internshala	1 half month	<a href="https://drive.google.com/open?id=1VuPXJkv7g_k4UipleMNpzNBvnBpWqc8P">https://drive.google.com/open?id=1VuPXJkv7g_k4UipleMNpzNBvnBpWqc8P</a>
119	Rajshree Prajapati	Internshala	45days	<a href="https://drive.google.com/open?id=1hqqY-sr1QHn4CNJg27y5fWVNqQxO1BYQ">https://drive.google.com/open?id=1hqqY-sr1QHn4CNJg27y5fWVNqQxO1BYQ</a>
120	Rajshree Prajapati	Internshala	44days	<a href="https://drive.google.com/open?id=1SRtdGqpY_LeSp00nUv4Tm5K5ejFCfeDX">https://drive.google.com/open?id=1SRtdGqpY_LeSp00nUv4Tm5K5ejFCfeDX</a>
121	Rajshree Prajapati	Internshala	6 weeks	<a href="https://drive.google.com/open?id=16NEhZsvYwQH4Z8CU_R5p8SvzAdDYj0ok">https://drive.google.com/open?id=16NEhZsvYwQH4Z8CU_R5p8SvzAdDYj0ok</a>
122	Ram jashnani	Internshala	15 days	<a href="https://drive.google.com/open?id=1y49j4JU1Em-dOGJGgV3x_wSDVwSOHeeb">https://drive.google.com/open?id=1y49j4JU1Em-dOGJGgV3x_wSDVwSOHeeb</a>
123	Ranjeet Pankaj	Internshala	45 day's	<a href="https://drive.google.com/open?id=1y42GBiikCpcMH9TcTorbhDdiByzqJWzO">https://drive.google.com/open?id=1y42GBiikCpcMH9TcTorbhDdiByzqJWzO</a> , <a href="https://drive.google.com/open?id=1GqWX8fgWW0PQtvvSgi48UXb4J50S1myL">https://drive.google.com/open?id=1GqWX8fgWW0PQtvvSgi48UXb4J50S1myL</a>
124	Ranjeet Pankaj	Internshala	45 day's	<a href="https://drive.google.com/open?id=1ICynYI1GnpodJTIGCGvU39NW6N_Vbx7">https://drive.google.com/open?id=1ICynYI1GnpodJTIGCGvU39NW6N_Vbx7</a> , <a href="https://drive.google.com/open?id=1wx1gd2Zow7eXLRJ2JWktFwZ19UhkNo2l">https://drive.google.com/open?id=1wx1gd2Zow7eXLRJ2JWktFwZ19UhkNo2l</a>
125	Ranjeet Pankaj	Internshala	45 day's	<a href="https://drive.google.com/open?id=1hbmwWGRt098-tiD1IElhFK-Pp_AMuDQa">https://drive.google.com/open?id=1hbmwWGRt098-tiD1IElhFK-Pp_AMuDQa</a>
126	Ranjeet Pankaj	Internshala	6 weeks	<a href="https://drive.google.com/open?id=1UY9A-TVSTy1TP2qLFS5EDZn-bfrUGN92">https://drive.google.com/open?id=1UY9A-TVSTy1TP2qLFS5EDZn-bfrUGN92</a>
127	Rashtrik Varnoti	Internshala	6 week	<a href="https://drive.google.com/open?id=1jNaCO7rji7Wi-W_-iQa11TfbaKKspsI9">https://drive.google.com/open?id=1jNaCO7rji7Wi-W_-iQa11TfbaKKspsI9</a>
128	Rishab jain	Internshala	8 weeks	<a href="https://drive.google.com/open?id=1kXpJn3F5kBKdFdTZ2dAFo0RXSu1tuYPv">https://drive.google.com/open?id=1kXpJn3F5kBKdFdTZ2dAFo0RXSu1tuYPv</a>
129	Rishab jain	Internshala	8 weeks	<a href="https://drive.google.com/open?id=1Ldfu_YeQxjPUHmHQz6VcNHirLbp5e0l2">https://drive.google.com/open?id=1Ldfu_YeQxjPUHmHQz6VcNHirLbp5e0l2</a>

130	Rishabh Mahla	Internshala	6 weeks	<a href="https://drive.google.com/open?id=16ZH05-zzwdunG45VbMmqkh0QTsnhxX7p">https://drive.google.com/open?id=16ZH05-zzwdunG45VbMmqkh0QTsnhxX7p</a>
131	RITIK SHARMA	Internshala	42 Days	<a href="https://drive.google.com/open?id=11DbqSO Du2bIikECAv5KFB --N3NEMfSE">https://drive.google.com/open?id=11DbqSO Du2bIikECAv5KFB --N3NEMfSE</a>
132	RITIK SHARMA	Internshala	42 Days	<a href="https://drive.google.com/open?id=1VGP7ML bMp6wYbe2mB3YT5VTK4fsA9iSa">https://drive.google.com/open?id=1VGP7ML bMp6wYbe2mB3YT5VTK4fsA9iSa</a>
133	Rituraj Singh Rathore	Internshala	6 week	<a href="https://drive.google.com/open?id=1lh_yeEQ OnYK82FpVWTb4TzULaIfREY">https://drive.google.com/open?id=1lh_yeEQ OnYK82FpVWTb4TzULaIfREY</a>
134	Rituraj Singh Rathore	Internshala	40 days	<a href="https://drive.google.com/open?id=1cRu_NqZ -DHhwX-RzBwXtbQvpPLOWrhs7">https://drive.google.com/open?id=1cRu_NqZ -DHhwX-RzBwXtbQvpPLOWrhs7</a>
135	Rohan kumar	Internshala	42 days	<a href="https://drive.google.com/open?id=1wM_W6y erp9wkjVI6Q5B-V3VmJm3zOmRD">https://drive.google.com/open?id=1wM_W6y erp9wkjVI6Q5B-V3VmJm3zOmRD</a>
136	Rohan kumar	Internshala	6 weeks	<a href="https://drive.google.com/open?id=1ePiMVG RG68YBgKKPvVKxQOM6HV4X9xD5">https://drive.google.com/open?id=1ePiMVG RG68YBgKKPvVKxQOM6HV4X9xD5</a>
137	ROHITH KUMAR SAINI	Internshala	1 month	<a href="https://drive.google.com/open?id=1mT891ju K3vo20DdZgTpxFCTleraXZq86">https://drive.google.com/open?id=1mT891ju K3vo20DdZgTpxFCTleraXZq86</a>
138	ROHITH KUMAR SAINI	Internshala	1 month	<a href="https://drive.google.com/open?id=15Qqii-T3CPz1Sr7Px3uD0jNV75Wo0tT7">https://drive.google.com/open?id=15Qqii-T3CPz1Sr7Px3uD0jNV75Wo0tT7</a>
139	Ronak Goyal	Internshala	7 weeks	<a href="https://drive.google.com/open?id=1yJTbPnU Xgt2J4pAsyYZTVdGgYPSxnaN4">https://drive.google.com/open?id=1yJTbPnU Xgt2J4pAsyYZTVdGgYPSxnaN4</a>
140	Ronak Goyal	Internshala	42 days	<a href="https://drive.google.com/open?id=1S53ts0Xo SCapxjX-HLaYUT5NcTJC_PBg">https://drive.google.com/open?id=1S53ts0Xo SCapxjX-HLaYUT5NcTJC_PBg</a>
141	SACHIT BANSAL	Internshala	6 weeks	<a href="https://drive.google.com/open?id=1fVPPQW OxP_bxE2w_Yk9C-4eNYdUG4iWd">https://drive.google.com/open?id=1fVPPQW OxP_bxE2w_Yk9C-4eNYdUG4iWd</a>
142	Sagar Jain	Internshala	45 days	<a href="https://drive.google.com/open?id=1jHrGKpg zcRPKOdr0-uiGqO268v6mIls">https://drive.google.com/open?id=1jHrGKpg zcRPKOdr0-uiGqO268v6mIls</a>
143	SAKET SHARMA	Internshala	3 months	<a href="https://drive.google.com/open?id=1iLNbtidQ J7v1OZlobeDiAyvehN1OgqvE">https://drive.google.com/open?id=1iLNbtidQ J7v1OZlobeDiAyvehN1OgqvE</a>
144	Saksham arya	Internshala	6 weeks	<a href="https://drive.google.com/open?id=1pw_SUx LuaA_0fcFPpQoDMaUK6p0QuR0k">https://drive.google.com/open?id=1pw_SUx LuaA_0fcFPpQoDMaUK6p0QuR0k</a>
145	Sakshi Jaiswal	Internshala	40 days	<a href="https://drive.google.com/open?id=1_bJxgzpt aGOd5xEMRBAH5VqWDuN_iFWX">https://drive.google.com/open?id=1_bJxgzpt aGOd5xEMRBAH5VqWDuN_iFWX</a>
146	Sakshi Kansal	Internshala	45 days	<a href="https://drive.google.com/open?id=1reEd7aO OzGg5Tp9-fIs2NrwtQramuWQc">https://drive.google.com/open?id=1reEd7aO OzGg5Tp9-fIs2NrwtQramuWQc</a>
147	Sakshi Sharma	Internshala	40 days	<a href="https://drive.google.com/open?id=1GZncOX TkHnOTbbY67-zDBsSQMRy0qJio">https://drive.google.com/open?id=1GZncOX TkHnOTbbY67-zDBsSQMRy0qJio</a>
148	Sambhav Agarwal	Internshala	6week	<a href="https://drive.google.com/open?id=18pcWfIU 4dayVhnKcHODF5IHVe9aIUjZE">https://drive.google.com/open?id=18pcWfIU 4dayVhnKcHODF5IHVe9aIUjZE</a>
149	Sambhav Agarwal	Internshala	6weeks	<a href="https://drive.google.com/open?id=19aJSDXy aBZU9bcTW1F22VMKGRvVO_rCR">https://drive.google.com/open?id=19aJSDXy aBZU9bcTW1F22VMKGRvVO_rCR</a>
150	Samiksha Mathur	Internshala	40 days	<a href="https://drive.google.com/open?id=1_eVxqtfI Tfx4nO32c-IYMcE4YihRM55">https://drive.google.com/open?id=1_eVxqtfI Tfx4nO32c-IYMcE4YihRM55</a>
151	Sanjay Saini	Internshala	60 days	<a href="https://drive.google.com/open?id=1xxDJ9BI OgDPpDb4CaZe_PQ5hj5UMgCLz">https://drive.google.com/open?id=1xxDJ9BI OgDPpDb4CaZe_PQ5hj5UMgCLz</a>
152	SHAIEND RA SINGH RANAWAT	Internshala	6 weeks	<a href="https://drive.google.com/open?id=18u3Efga5 fMl9paQCKiAr8n1OKAp69tCv">https://drive.google.com/open?id=18u3Efga5 fMl9paQCKiAr8n1OKAp69tCv</a>

153	Shalin Maloo	Internshala	6 weeks	<a href="https://drive.google.com/open?id=15SHWLv_x29Jo5MCT9OLfHGRkFc-bPZQzt">https://drive.google.com/open?id=15SHWLv_x29Jo5MCT9OLfHGRkFc-bPZQzt</a> , <a href="https://drive.google.com/open?id=1-ucK-0A4GvdXuXGOkUBgj5TbKOZ38xJX">https://drive.google.com/open?id=1-ucK-0A4GvdXuXGOkUBgj5TbKOZ38xJX</a>
154	Shalin Maloo	Internshala	6 Week	<a href="https://drive.google.com/open?id=1eWuj4w0f8ehhbVsn3wIYUioLj4-xm89v">https://drive.google.com/open?id=1eWuj4w0f8ehhbVsn3wIYUioLj4-xm89v</a>
155	Shavi bafna	Internshala	6 weeks	<a href="https://drive.google.com/open?id=1yokiY7Ff1i9f3qWeHan7NAX_ECZuqVjg">https://drive.google.com/open?id=1yokiY7Ff1i9f3qWeHan7NAX_ECZuqVjg</a>
156	SHIKHA JAT	Internshala	6 weeks	<a href="https://drive.google.com/open?id=1nzGzi7hJwjKMZ1xeTOWesGZeD32F6pnw">https://drive.google.com/open?id=1nzGzi7hJwjKMZ1xeTOWesGZeD32F6pnw</a>
157	Shikha jat	Internshala	40 days	<a href="https://drive.google.com/open?id=1jYAzadRxl19WjwF2pUfEv1vMfuzIHH22">https://drive.google.com/open?id=1jYAzadRxl19WjwF2pUfEv1vMfuzIHH22</a>
158	Shivam Kalani	Internshala	6 week	<a href="https://drive.google.com/open?id=1ke8kFnW0MsqVguIVgeYmWA_IwQmWgBIR">https://drive.google.com/open?id=1ke8kFnW0MsqVguIVgeYmWA_IwQmWgBIR</a>
159	Shruti Mittal	Internshala	2 months	<a href="https://drive.google.com/open?id=1O85rY7cswQW4lmOeQ84KFiNmQEehMGH8">https://drive.google.com/open?id=1O85rY7cswQW4lmOeQ84KFiNmQEehMGH8</a>
160	Shruti Mittal	Internshala	2 months	<a href="https://drive.google.com/open?id=1_Ip7Kj7WqaCkUhd05Z_AUK-j-2d1ZZy1">https://drive.google.com/open?id=1_Ip7Kj7WqaCkUhd05Z_AUK-j-2d1ZZy1</a>
161	Shubham Maheshwari	Internshala	8 weeks	<a href="https://drive.google.com/open?id=1YgkeBS2h0yQDG4RzUnVk5X-A6oQkG60H">https://drive.google.com/open?id=1YgkeBS2h0yQDG4RzUnVk5X-A6oQkG60H</a>
162	Shubham Maheshwari	Internshala	8 weeks	<a href="https://drive.google.com/open?id=1cVGGomioYqM4DxsaHIsU-o_MWieEl2kV">https://drive.google.com/open?id=1cVGGomioYqM4DxsaHIsU-o_MWieEl2kV</a>
163	somya singh	Internshala	5-6 weeks	<a href="https://drive.google.com/open?id=18TTPhDT9SH-nDyESUCMn4d4TEupi0rrA">https://drive.google.com/open?id=18TTPhDT9SH-nDyESUCMn4d4TEupi0rrA</a>
164	Subrata Pal	Internshala	6-weeks	<a href="https://drive.google.com/open?id=1_Upu8rLa9nqNs0JCdhvR6aI9jKRHyMoA">https://drive.google.com/open?id=1_Upu8rLa9nqNs0JCdhvR6aI9jKRHyMoA</a>
165	Sudeshna Pal	Internshala	1 month, 26 days	<a href="https://drive.google.com/open?id=1wJrB_9h8OB21euAITeiRW3RXjQNCfJJS">https://drive.google.com/open?id=1wJrB_9h8OB21euAITeiRW3RXjQNCfJJS</a>
166	Sudeshna Pal	Internshala	1 month, 26 days	<a href="https://drive.google.com/open?id=1dxJdpN0WqmxbnrbrhAIwZIEDVL8MitGE">https://drive.google.com/open?id=1dxJdpN0WqmxbnrbrhAIwZIEDVL8MitGE</a>
167	TAYADE AKSHAY ARUN	Internshala	6-WEEKS	<a href="https://drive.google.com/open?id=1xp9dx8Rvn5KCJ--fWfB1LvIkWQ9tQtul">https://drive.google.com/open?id=1xp9dx8Rvn5KCJ--fWfB1LvIkWQ9tQtul</a>
168	Tayade Akshay Arun	Internshala	6-weeks	<a href="https://drive.google.com/open?id=1uqfjJhfcM UxpKhGSX2ILrw6NrUOKAMwL">https://drive.google.com/open?id=1uqfjJhfcM UxpKhGSX2ILrw6NrUOKAMwL</a>
169	Tayade Akshay Arun	Internshala	6-weeks	<a href="https://drive.google.com/open?id=1zl8ACY-kPdIL8KvNhIWN2ukAPn8wfsyh">https://drive.google.com/open?id=1zl8ACY-kPdIL8KvNhIWN2ukAPn8wfsyh</a>
170	Teena Gurjar	Internshala	56 days	<a href="https://drive.google.com/open?id=1wHcQbIQeyFQMEIbVC9mPq4fuOOQAtD3T">https://drive.google.com/open?id=1wHcQbIQeyFQMEIbVC9mPq4fuOOQAtD3T</a>
171	Tejvrat Singh Chauhan	Internshala	6 week	<a href="https://drive.google.com/open?id=100H8PZnnjnVKWbNe7FcSEipb7isJpaIo">https://drive.google.com/open?id=100H8PZnnjnVKWbNe7FcSEipb7isJpaIo</a>
172	Utkarsh jain	Internshala	45 days	<a href="https://drive.google.com/open?id=16Yucp_5PoEgsLIEyg7o-D_EkZDiiyGjE">https://drive.google.com/open?id=16Yucp_5PoEgsLIEyg7o-D_EkZDiiyGjE</a>
173	vaibhav kabra	Internshala	45 days	<a href="https://drive.google.com/open?id=1ZHicI3Gmk2kXcidQ6y8aeDm7QdbSl-Fx">https://drive.google.com/open?id=1ZHicI3Gmk2kXcidQ6y8aeDm7QdbSl-Fx</a>
174	Vansh Jain	Internshala	45 Days	<a href="https://drive.google.com/open?id=1Jo_yC0qIA8053Dp0U9bDvz4eR2xJM-42">https://drive.google.com/open?id=1Jo_yC0qIA8053Dp0U9bDvz4eR2xJM-42</a>

175	Vansh Jain	Internshala	45 days	<a href="https://drive.google.com/open?id=10QqX9uzXpYEsOlpPxoVL8K7k4l8mG0No">https://drive.google.com/open?id=10QqX9uzXpYEsOlpPxoVL8K7k4l8mG0No</a>
176	Vanshika soni	Internshala	6 week	<a href="https://drive.google.com/open?id=19zhut0PKVkbFKgGeDrfFwKXICv63_yMK">https://drive.google.com/open?id=19zhut0PKVkbFKgGeDrfFwKXICv63_yMK</a>
177	Vanshita Rathore	Internshala	6 weeks	<a href="https://drive.google.com/open?id=1pEOSRPunGBCZ3CIQ60Zn_1h0-xj_BPjM">https://drive.google.com/open?id=1pEOSRPunGBCZ3CIQ60Zn_1h0-xj_BPjM</a>
178	vikas dubey	Internshala	45 DAYS	<a href="https://drive.google.com/open?id=1vh0vGwGzBg0XE-zgOjcQLeOeepDgwtmN">https://drive.google.com/open?id=1vh0vGwGzBg0XE-zgOjcQLeOeepDgwtmN</a>
179	Vipul khanna	Internshala	8 weeks	<a href="https://drive.google.com/open?id=1n6AUgNON_32SgZDpBKdP_V2QX7W8FOU4">https://drive.google.com/open?id=1n6AUgNON_32SgZDpBKdP_V2QX7W8FOU4</a>
180	Vishal Jain	Internshala	54 days	<a href="https://drive.google.com/open?id=1S-iGkMQ0csNmhzPULYhNeEGru_yvshxb">https://drive.google.com/open?id=1S-iGkMQ0csNmhzPULYhNeEGru_yvshxb</a>
181	Vishal jain	Internshala	6 weeks	<a href="https://drive.google.com/open?id=1DT2eYzB4F_U2MhDGEIYlkrpFQ5OJDOL7">https://drive.google.com/open?id=1DT2eYzB4F_U2MhDGEIYlkrpFQ5OJDOL7</a>
182	Vishal labana	Internshala	30 days	<a href="https://drive.google.com/open?id=1Jj0dqXpMt8wWHbI96kvFW4WBrc_CX3UU">https://drive.google.com/open?id=1Jj0dqXpMt8wWHbI96kvFW4WBrc_CX3UU</a>
183	VRINDAA JOSHI	Internshala	8 weeks	<a href="https://drive.google.com/open?id=1jysWVVFJNXmp1B1vOMNVkbsMhUVwxiGbw">https://drive.google.com/open?id=1jysWVVFJNXmp1B1vOMNVkbsMhUVwxiGbw</a>
184	Yamini Kumawat	Internshala	Six weeks	<a href="https://drive.google.com/open?id=1Cc8WqJog46Lb2tjitrVly772G_y-73uG">https://drive.google.com/open?id=1Cc8WqJog46Lb2tjitrVly772G_y-73uG</a>
185	Yash Jain	Internshala	45 days	<a href="https://drive.google.com/open?id=1rl2bjB4bHxyk31-ceChed5ai0l9fXEKM">https://drive.google.com/open?id=1rl2bjB4bHxyk31-ceChed5ai0l9fXEKM</a>
186	Yash Soni	Internshala	45 days	<a href="https://drive.google.com/open?id=1gWiCbnd-g3GDf48iWXom69MC4OmUVjw">https://drive.google.com/open?id=1gWiCbnd-g3GDf48iWXom69MC4OmUVjw</a>
187	Yash Tank	Internshala	1 months	<a href="https://drive.google.com/open?id=1JHlQnGzdNnlAAU-a7VC6Uy3TbDI5_xm">https://drive.google.com/open?id=1JHlQnGzdNnlAAU-a7VC6Uy3TbDI5_xm</a>
188	Yashwant Tailor	Internshala	6weak	<a href="https://drive.google.com/open?id=1xXZ0WFFO6A1PDB6nwr7bUfBIs-vVhUtY">https://drive.google.com/open?id=1xXZ0WFFO6A1PDB6nwr7bUfBIs-vVhUtY</a>
189	YATHARTH SHARMA	Internshala	2 months	<a href="https://drive.google.com/open?id=1Gxc2o1R-aactQhKkjSAiZGMiaFfLXx81">https://drive.google.com/open?id=1Gxc2o1R-aactQhKkjSAiZGMiaFfLXx81</a>
190	Yuvraj Singh Shekhawat	Internshala	6 weeks	<a href="https://drive.google.com/open?id=1O3TJfQa8cJ-ktzq0tR9gEA0gFmuVqvgv">https://drive.google.com/open?id=1O3TJfQa8cJ-ktzq0tR9gEA0gFmuVqvgv</a>
191	JAYESH Jhadodiya	Internshala	30 days	<a href="https://drive.google.com/file/d/1CNIHF39kL78KHHpNEhL30WVnN8i3gqBe/view?usp=sharing">https://drive.google.com/file/d/1CNIHF39kL78KHHpNEhL30WVnN8i3gqBe/view?usp=sharing</a>
192	Jitendra Singh Meena	Internshala	45 days	<a href="https://drive.google.com/file/d/1gubVIdDZk4Wav68PkXOJJyPdWR1MQzr9/view?usp=sharing">https://drive.google.com/file/d/1gubVIdDZk4Wav68PkXOJJyPdWR1MQzr9/view?usp=sharing</a>
193	Khwaish	Internshala	40 days	<a href="https://drive.google.com/file/d/1A6vEKSwgEfnJ3Lav3B7DePd_8QGr12Dp/view?usp=sharing">https://drive.google.com/file/d/1A6vEKSwgEfnJ3Lav3B7DePd_8QGr12Dp/view?usp=sharing</a>
194	Muskan Soni	Internshala	6 weeks	<a href="https://drive.google.com/file/d/18bg-Gn2Swu_oddv7sdOUfBm6mW81TkHi/view?usp=sharing">https://drive.google.com/file/d/18bg-Gn2Swu_oddv7sdOUfBm6mW81TkHi/view?usp=sharing</a>
195	Naman Agrawal	Internshala	42 days	<a href="https://drive.google.com/file/d/1Q1fP_iNafawNlxNYiDzo1-osL_nYtSgm/view?usp=sharing">https://drive.google.com/file/d/1Q1fP_iNafawNlxNYiDzo1-osL_nYtSgm/view?usp=sharing</a>
196	Nishant Dagar	Internshala	40 days	<a href="https://drive.google.com/file/d/19hWcdLLVJdLP8mcjzc5JX2WrqCG7itM8/view?usp=sha">https://drive.google.com/file/d/19hWcdLLVJdLP8mcjzc5JX2WrqCG7itM8/view?usp=sha</a>

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197	SAMBHAV JAIN	Internshala	70 days	<a href="https://drive.google.com/file/d/1IE8_ZVpjztUTkH6titTxMmDw7TVEQ5ct/view?usp=sharing">https://drive.google.com/file/d/1IE8_ZVpjztUTkH6titTxMmDw7TVEQ5ct/view?usp=sharing</a>
198	gaurav agrawal	Internshala	6 weeks	<a href="https://drive.google.com/open?id=1GIZ85F3FQ6NRFRjyXjbVHtpPkjNGhKEN">https://drive.google.com/open?id=1GIZ85F3FQ6NRFRjyXjbVHtpPkjNGhKEN</a>
199	Harpreet Singh	Internshala	40 days	<a href="https://drive.google.com/open?id=1K0Bie1hjlojxK2oTPOAMp0iWfpBZjULY">https://drive.google.com/open?id=1K0Bie1hjlojxK2oTPOAMp0iWfpBZjULY</a>
200	Himanshu Kapoor	Internshala	60 days	<a href="https://drive.google.com/open?id=1M5cCV0IFT8jLl_abgWO5_27s2Kv9KrP">https://drive.google.com/open?id=1M5cCV0IFT8jLl_abgWO5_27s2Kv9KrP</a>
201	Himanshu Sahu	Internshala	45days	<a href="https://drive.google.com/open?id=13G8zacdqWAvQcRdpW-iMGOaHivRYcL2w">https://drive.google.com/open?id=13G8zacdqWAvQcRdpW-iMGOaHivRYcL2w</a>
202	Kushank Singh Sisodiya	Internshala	1 month	<a href="https://drive.google.com/open?id=1ZWdBdWaCtTpV-rcdG3cwBKV34fmmnE-n">https://drive.google.com/open?id=1ZWdBdWaCtTpV-rcdG3cwBKV34fmmnE-n</a>
203	Manish Sharma	Internshala	3 months	<a href="https://drive.google.com/open?id=1grfH1wI-7R4CBDHcMle30KMlhLmLVhe">https://drive.google.com/open?id=1grfH1wI-7R4CBDHcMle30KMlhLmLVhe</a>
204	Mohit Kumar Gupta	Internshala	6 weeks	<a href="https://drive.google.com/open?id=16tIx9GK2HXSrqnmQDlVL0DuB3LaXKM2">https://drive.google.com/open?id=16tIx9GK2HXSrqnmQDlVL0DuB3LaXKM2</a>
205	Mudit Singhal	Internshala	25 days and 1 month	<a href="https://drive.google.com/open?id=1LVu87oT0GHZ0fM_d19DMbIryG-8btOLT">https://drive.google.com/open?id=1LVu87oT0GHZ0fM_d19DMbIryG-8btOLT</a> , <a href="https://drive.google.com/open?id=1tV3tDsiXSbdaz0SyGaJ-JjBVzAOprrn1">https://drive.google.com/open?id=1tV3tDsiXSbdaz0SyGaJ-JjBVzAOprrn1</a>
206	Pradhumn Singh Parihar	Internshala	8 weeks	<a href="https://drive.google.com/open?id=16dexZUxLgzLTVY3su2yrXOdSmQzHRP">https://drive.google.com/open?id=16dexZUxLgzLTVY3su2yrXOdSmQzHRP</a>
207	Prateek Gautam	Internshala	45 days	<a href="https://drive.google.com/open?id=1ELEwnYMzPkGAefOWpGAgUGqO-yNgx5HL">https://drive.google.com/open?id=1ELEwnYMzPkGAefOWpGAgUGqO-yNgx5HL</a>
208	Rajeev Soni	Internshala	45 days	<a href="https://drive.google.com/open?id=17Z2AWJ9Gc0dZzyiNws1Nbup7n2s9lqvQ">https://drive.google.com/open?id=17Z2AWJ9Gc0dZzyiNws1Nbup7n2s9lqvQ</a>
209	Rashi Gupta	Internshala	45 DAYS	<a href="https://drive.google.com/open?id=1FVtgd17EV4ev_-uOCBuYFCRHqHiDIYci">https://drive.google.com/open?id=1FVtgd17EV4ev_-uOCBuYFCRHqHiDIYci</a>
210	RASHI GUPTA	Internshala	45 DAYS	<a href="https://drive.google.com/open?id=1HRw-1hR_uqEofW50bf57NQwSJ44LD8L8">https://drive.google.com/open?id=1HRw-1hR_uqEofW50bf57NQwSJ44LD8L8</a>
211	Ronak Mathur	Internshala	45 Days	<a href="https://drive.google.com/open?id=1Lco3BW0yqzKcgFE0205rCIRtG8URddbQ">https://drive.google.com/open?id=1Lco3BW0yqzKcgFE0205rCIRtG8URddbQ</a>
212	Saurabh Choudhary	Internshala	45 Days	<a href="https://drive.google.com/open?id=1IBHXItluCj0x1UB-g-rs3sCZIwtXem98">https://drive.google.com/open?id=1IBHXItluCj0x1UB-g-rs3sCZIwtXem98</a>
213	Saurabh Jain	Internshala	42 days	<a href="https://drive.google.com/open?id=1N8vTWJPIPtZzW_S98X4CUaPAiJRzBXTW">https://drive.google.com/open?id=1N8vTWJPIPtZzW_S98X4CUaPAiJRzBXTW</a>
214	Saurabh Jain	Internshala	42 days	<a href="https://drive.google.com/open?id=1Fftu6D1FEvaQvQW4dMeoTVYrMfkFY9fI">https://drive.google.com/open?id=1Fftu6D1FEvaQvQW4dMeoTVYrMfkFY9fI</a>
215	Shubham Singh Rajput	Internshala	6 weeks	<a href="https://drive.google.com/open?id=1lGfFo0InLJElf3PeMAGAO29pnSFtjSgT">https://drive.google.com/open?id=1lGfFo0InLJElf3PeMAGAO29pnSFtjSgT</a>
216	SHUBHAM SRIVASTA VA	Internshala	45 DAYS	<a href="https://drive.google.com/open?id=1Y-Oc2NHtjYxJ7QZCU0w2qGBwiLmncGYx">https://drive.google.com/open?id=1Y-Oc2NHtjYxJ7QZCU0w2qGBwiLmncGYx</a>
217	Stuti Jain	Internshala	50 DAYS	<a href="https://drive.google.com/open?id=1W11_Y9-">https://drive.google.com/open?id=1W11_Y9-</a>

				<a href="https://drive.google.com/open?id=1_YsZzOEvgDSBvQXCld-2cKgTXWml6Cd_0a9zx-1QUP-mRtaZloH1iOK7-">0a9zx-1QUP-mRtaZloH1iOK7-</a>
218	Vatsal Agarwal	Internshala	1 month	<a href="https://drive.google.com/open?id=1_YsZzOEvgDSBvQXCld-2cKgTXWml6Cd_">https://drive.google.com/open?id=1_YsZzOEvgDSBvQXCld-2cKgTXWml6Cd_</a>
219	Vedant Surolia	Internshala	6 weeks	<a href="https://drive.google.com/open?id=1jSvoQA8tf4yJo82mQFaVPOvwFjA-C8Y6">https://drive.google.com/open?id=1jSvoQA8tf4yJo82mQFaVPOvwFjA-C8Y6</a>
220	Abhinav Singh Shekhawat	Internshala	2months	<a href="https://drive.google.com/open?id=1MZkz_YR9vahgW_HmYMERg8G-x7S0nvat">https://drive.google.com/open?id=1MZkz_YR9vahgW_HmYMERg8G-x7S0nvat</a>
221	Abhinav Singh Shekhawat	Internshala	2 months	<a href="https://drive.google.com/open?id=1v5pcONZynku9dJFDGOGkcR8Y9Q2FTB0-">https://drive.google.com/open?id=1v5pcONZynku9dJFDGOGkcR8Y9Q2FTB0-</a>

### 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



### 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, <b>PSO1, PSO2</b>
2	" ICAMCM-22"	17-18 June 2022	International	PO1, PO4, PO10, <b>PSO1, PSO2</b>
3	'Recent Trends and Smart Technologies in Electrical Engineering-2022'	20.05.2022-21.05.2022	National	PO1, PO4, PO10, <b>PSO1, PSO2</b>
4	Emerging Trends in Civil Engineering For Sustainable Development		National	PO1, PO4, PO10, <b>PSO1, PSO2</b>
5	Information Technology and Security Applications	May 14-15, 2022	National	PO1, PO4, PO10, <b>PSO1, PSO2</b>
6	Recent Innovations & Technological Development in Mechanical Engineering	11-12 March, 2022	International	PO1, PO4, PO10, <b>PSO1, PSO2</b>
7	Futuristic Trends in Mechanical Engineering	25-26 May, 2022	National	PO1, PO4, PO10, <b>PSO1, PSO2</b>
8	NCICT-22	28-29 May 2022	National	PO1, PO4, PO10, <b>PSO1, PSO2</b>

- 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
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### 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)**

<b>S.No.</b>	<b>Industrial Visit/Field Trip</b>	<b>Name of the collaborating agency with contact details</b>	<b>Name of the participant</b>	<b>Year of collaboration</b>
1	Field Visit	Survey Camp to , Chandwaji, Jaipur	Hetram Sharma and others	March, 2022
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3	Field Visit	Visit to, CDOS, Jaipur	Hetram Sharma and others	November, 2021
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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.

- 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	<a href="#">Link</a>
2	2021-22	ECE	One day Seminar on "Career Guidance & Future Opportunities After Engineering"	68	24-02-2022	<a href="#">Link</a>
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	<a href="#">Link</a>
4	2021-22	ECE	National Conference "RACON-22"	210	7-8 June 2022	<a href="#">Link</a>
5	2021-22	ECE	International Conferences "ICAMCM-22"	98	17-18 June 2022	<a href="#">Link</a>
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	<a href="#">Link</a>
7	2021-22	ECE	One Day Workshop on "Learn to code, Design the future"	116	3 March 2022	<a href="#">Link</a>
8	2021-22	ECE	Project Exhibition on Embedded System & Its Application	112	8 December 2021	<a href="#">Link</a>
9	2021-22	ECE	2Days Workshops on "AI/ML Algorithms & Applications in VLSI Desgin & Technology	45	28th 29th Nov 21`	<a href="#">Link</a>
10	2021-22	ECE	2Days Workshops on "Emerginbg Trends in Nanotechnology"	41	21/08/2020-22/08/2020	<a href="#">Link</a>
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	<a href="#">Link</a>

12	2021-22	ECE	3 days workshop on "DevOps"	45	7th to 9th feb 2022	<a href="#">Link</a>
13	2021-22	ECE	3 days workshop on "Role of Angular JS in Web Development"	41	20th to 22nd Sept 2021	<a href="#">Link</a>
14	2021-22	ECE	3 days workshop on "basics of HTML and CSS"	43	13th to 15th sept 2021	<a href="#">Link</a>
15	2021-22	ECE	3Days workshop on "introduction to React for Advance Web Development"	46	22nd to 25th feb 2022	<a href="#">Link</a>
16	2021-22	ECE	3 Days workshop on Introduction of Embedded System and IoT	60	8th-10 November 2021	<a href="#">Link</a>
17	2021-22	ECE	3 Dyas Workshop on Advanced Internet of Things and cloud Solutions	57	22th - 24th November 2021	<a href="#">Link</a>
18	2021-22	ECE	3 Days hands on work shop on Applications of IoT in Robotics and Cloud Computing	75	13th -15th December 2021	<a href="#">Link</a>
19	2021-22	ECE	3 Days workshop on Designing and assembling of Quadcopter using Embedded System	82	4th- 6th April 2022	<a href="#">Link</a>
20	2021-22	ECE	3 Days workshop on Advanced Robotics Manufacturing using 3-D printing and its challenges	72	25th- 27th April 2022	<a href="#">Link</a>
21	2021-22	ECE	Workshop on Machine Learning using Python	55	9th-10th August 2021	<a href="#">Link</a>
22	2021-22	ECE	Workshop on Principles of Data Science	63	26th-27th August 2021	<a href="#">Link</a>
23	2021-22	ECE	Workshop on Introduction to Deep Learning and its applications	47	6th-7th January 2022	<a href="#">Link</a>
24	2021-22	ECE	Workshop on Role of Artificial Intelligence in Electronics Engineering	56	18th-19th January 2022	<a href="#">Link</a>
25	2021-22	ECE	Workshop on MATLAB basics used	72	27th-28th January	<a href="#">Link</a>

			in machine learning applications on Image Processing		2022	
26	2021-22	ECE	Workshop on IOT	55	24/01/2022 to 28/01/2022.	<a href="#">Link</a>
27	2021-22	ECE	Two days workshop on Artificial Intelligence and Neural Network	174	19-20 Jan,2021	<a href="#">Link</a>
28	2021-22	ECE	Design and Optimization of Solar PV System	55	03/10/2021 to 07/10/2021	<a href="#">Link</a>
29	2021-22	ECE	Two days online workshop on "Workshop on Embedded and IOT"	41	09/05/2022-10/05/2022	<a href="#">Link</a>
30	2021-22	ECE	A Seminar on "Robotics and automation in Industries"	79	10 December 2021	<a href="#">Link</a>
31	2021-22	First Year	One Day Webinar on "Ethical Hacking & Information Security"	94	14 February 2022	<a href="#">Link</a>
32	2021-22	First Year	Expert Talk on "Solid State Sulfer Batteries: An Alternate of Li-ion Battery"	252	9 February 2022	<a href="#">Link</a>
33	2021-22	First Year	Two Days Workshop on Circuit Designing- (Phase I (ECE,EE))	150	10-11 Dec,2021	<a href="#">Link</a>
34	2021-22	First Year	Two Days Workshop on Circuit Designing - Phase II (CSE,IT)	148	10-11 Jan.,2022	<a href="#">Link</a>
35	2021-22	First Year	Two Days Workshop on Circuit Designing - Phase III(AIDS, CE, ME)	130	21-22 Jan.,2022	<a href="#">Link</a>
36	2021-22	First Year	Two Days Workshop on Introduction of C Programming -(Phase I (ECE,EE))	140	24-25 March,22	<a href="#">Link</a>
37	2021-22	First Year	Two Days Workshop on Introduction of C Programming -Phase II (CSE,IT)	160	4-6 April,22	<a href="#">Link</a>
38	2021-22	First Year	Two Days Workshop on Introduction of C Programming -Phase III (AIDS, CE, ME)	105	18-19 April,22	<a href="#">Link</a>

39	2021-22	First Year	Seminar on Sustainable Nano Carbons as potential sensors for safe waters-Phase I	102	23 April 2022	<a href="#">Link</a>
40	2021-22	First Year	Seminar on Sustainable Nano Carbons as potential sensors for safe waters-Phase II	93	25 May 2022	<a href="#">Link</a>
41	2021-22	CSE	Workshop On Web Chat Bot (Voice Control Personal Assistant)	177	12 August 2021	<a href="#">Link</a>
42	2021-22	CSE	Workshop on Machine learning with Python	96	1 September 2021	<a href="#">Link</a>
43	2021-22	CSE	Workshop on Web development with Django	85	16 November 2021	<a href="#">Link</a>
44	2021-22	CSE	SDP Programming with C	16	23-28 May 2022	<a href="#">Link</a>
45	2021-22	CSE	NCICT-22	250	28-29 May 2022	<a href="#">Link</a>
46	2021-22	CSE	Workshop on Advance Python	95	22 March 2022	<a href="#">Link</a>
47	2021-22	CSE	WORKSHOP ON DATA SCIENCE & ANALYTICS	60	April 26th , 2022	<a href="#">Link</a>
48	2021-22	CSE	Workshop on Machine Learning	90	7th April 2022	<a href="#">Link</a>
49	2021-22	CSE	Workshop on Software Testing	249	30th March,2022	<a href="#">Link</a>
50	2021-22	CSE	Workshop on Web Chat (Application Project)	180	20-Apr-22	<a href="#">Link</a>
51	2021-22	CSE	Workshop on Django	97	5th May 2022	<a href="#">Link</a>
52	2021-22	EE	One Day Seminar on "Career Seminar by Made Easy"	45	30-04-2022	<a href="#">Link</a>
53	2021-22	EE	One Day Webinar on "How to Crack GATE / PSU exams"	59	29-04-2022	<a href="#">Link</a>
54	2021-22	EE	ICT based Short Term Course on 'Basics of hardware in loop Simulation'.	8	02/05/2022 to 06/05/2022	<a href="#">Link</a>
55	2021-22	EE	Seminar on Teacher's Day	35	06.9.2021	<a href="#">Link</a>
56	2021-22	EE	Seminar on Engineer's Day	38	15.9.2021	<a href="#">Link</a>

57	2021-22	EE	Guest Lecture on World Heart Day	55	29.9.2022	<a href="#">Link</a>
58	2021-22	EE	two Days Workshop on Solar PV System	26	27-28 Sep - 2021	<a href="#">Link</a>
59	2021-22	EE	Workshop on IOT and Python	29	04.10.2021-18.10.2021	<a href="#">Link</a>
60	2021-22	EE	Workshop on C Programming Language	30	01.02.2022-28.02.2022	<a href="#">Link</a>
61	2021-22	EE	Seminar on National Science Day	39	28.02.2022	<a href="#">Link</a>
62	2021-22	EE	Workshop on Embedded System	33	01.03.2022	<a href="#">Link</a>
63	2021-22	EE	4th National Conference on 'Recent Trends and Smart Technologies in Electrical Engineering-2022'	95	20.05.2022-21.05.2022	<a href="#">Link</a>
64	2021-22	CE	4th National Conference on Emerging Trends in Civil Engineering For Sustainable Development	25	17-18 June,2022	<a href="#">Link</a>
65	2021-22	CE	A Guest Lecture on "Importance of AutoCAD & 3ds Max"	61	06Jan,2022	<a href="#">Link</a>
66	2021-22	CE	A Guest Lecture on "Importance of BIM & STAAD pro"	69	08Jan,2022	<a href="#">Link</a>
67	2021-22	CE	A Guest Lecture on "Importance of Civil Software & Internship"	44	04Jan,2022	<a href="#">Link</a>
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	<a href="#">Link</a>
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	<a href="#">Link</a>
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	<a href="#">Link</a>
71	2021-22	CE	Online 3-day workshop on "Covid Carc and Immunity Enhancement"	500	July 8-10, 2021	<a href="#">Link</a>



72	2021-22	CE	One Day Workshop on "Virtual Lab"	765	Oct.12,2021	<a href="#">Link</a>
73	2021-22	CE	Webinar on Scope of Cad and Structure Software in Civil Engineering	19	Mar 10, 2022	<a href="#">Link</a>
74	2021-22	IT	One Day Workshop on Digital Marketing with Website Design & Development	65	Oct 11, 2021	<a href="#">Link</a>
75	2021-22	IT	One Day Workshop on Machine Learning	46	Jan 25, 2022	<a href="#">Link</a>
76	2021-22	IT	Two Day Workshop on DevOpps	66	April 25-26, 2022	<a href="#">Link</a>
77	2021-22	IT	Webinar on Ethical Hacking and Cyber Security	132	Feb 12, 2022	<a href="#">Link</a>
78	2021-22	IT	Seminar on Career Counselling	84	March 30, 2022	<a href="#">Link</a>
79	2021-22	IT	Seminar On "Future Force in Salesforce"	74	April 9, 2022	<a href="#">Link</a>
80	2021-22	IT	4th National Conference on Information Technology and Security Applications	90	May 14-15, 2022	<a href="#">Link</a>
81	2021-22	ME	4th International Conference on Recent Innovations & Technological Development in Mechanical Engineering	284	11-12 March, 2022	<a href="#">Link</a>
82	2021-22	ME	6th National Conference on Futuristic Trends in Mechanical Engineering	90	25-26 May, 2022	<a href="#">Link</a>
83	2021-22	ME	One Week Workshop on Hybrid and Advanced Electric Vehicles	45	30.05.2022 to 04.06.2022	<a href="#">Link</a>
84	2021-22	ME	One Week Workshop on Conventional & Electric Two-Wheeler: A Comparison	33	09.05.2022 to 15.05.2022	<a href="#">Link</a>
85	2021-22	ME	One Week Workshop on Battery Powered Vehicle: Working & Assembly	37	04.05.2022 to 10.05.2022	<a href="#">Link</a>

86	2021-22	ME	One Week Workshop on Fundamentals and Application of Additive Manufacturing	68	25.04.2022 to 30.04.2022	<a href="#">Link</a>
87	2021-22	ME	One Week Workshop on Additive Manufacturing: Different Technologies	64	04.04.2022 to 09.04.2022	<a href="#">Link</a>
88	2021-22	ME	One Week Workshop on Modeling and Simulation Using Ansys	35	07.02.2022 to 12.02.2022	<a href="#">Link</a>
89	2021-22	ME	One Week Workshop on SolidWorks: Design and Simulation	45	17.01.2022 to 22.01.2022	<a href="#">Link</a>
90	2021-22	ME	One Week Workshop on E-Vehicles: Power Storage & Transmission System	55	09.09.2021 to 15.09.2021	<a href="#">Link</a>
91	2021-22	ME	One Week Workshop on Parametric Modeling Using Creo: An Introduction	40	09.09.2021 to 15.09.2021	<a href="#">Link</a>
92	2021-22	ME	One Week Workshop on Electric Vehicle	45	01.09.2021 to 07.09.2021	<a href="#">Link</a>
93	2021-22	ME	One Week Workshop on Online AutoCAD for Engineers	35	01.09.2021 to 07.09.2021	<a href="#">Link</a>
94	2021-22	ME	One Week Workshop on 3D Printing: An Introduction	49	05.07.2021 to 10.07.2021	<a href="#">Link</a>
95	2021-22	ME	A Webinar on "Simulation and Development of Hybrid Electric Vehicle"	47	09.09.2021	<a href="#">Link</a>
96	2021-22	ME	A Guest Lecture on "Boundary Layer-Heat Transfer Phase-1"	41	09.10.2021	<a href="#">Link</a>
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	<a href="#">Link</a>
99	2021-22	ME	A Webinar on "E-vehicles: state of the art and prospects"	48	15.01.2022	<a href="#">Link</a>
100	2021-22	ME	A Webinar on "Industry 4.0 & role of	65	12.02.2022	<a href="#">Link</a>

			mechanical engineers"			
101	2021-22	ME	A Webinar on "How to extend the roller bearing life cycle and improve its performance"	48	15.02.2022	<a href="#">Link</a>
102	2021-22	ME	A Webinar on "Pressure Vessels"	47	17.02.2022	<a href="#">Link</a>
103	2021-22	ME	A Guest Lecture on "Career Opportunities for Graduate Engineers"	42	30.03.2022	<a href="#">Link</a>
104	2021-22	ME	A Guest Lecture on "Refrigeration Accessories"	40	04.04.2022	<a href="#">Link</a>
105	2021-22	ME	A Guest Lecture on "AutoCAD and CNC Software"	40	13.05.2022	<a href="#">Link</a>
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	<a href="#">Link</a>
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	<a href="#">Link</a>
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	<a href="#">Link</a>
111	2021-22	SRC	One Week Online Workshop on Mediation Course I	27	1-8 Sep, 2021	<a href="#">Link</a>
112	2021-	SRC	Webinar on	215	5-6 Oct,	<a href="#">Link</a>

	22		Enlightenment		2021	
113	2021-22	SRC	One Week Online Workshop on Mediation Course II	14	8-14 Oct, 2021	<a href="#">Link</a>
114	2021-22	SRC	Three days Workshop on Exploring the Sub-Conscious	12	21-23 Dec, 2021	<a href="#">Link</a>
115	2021-22	SRC	Webinar on Enhancing Emotional Immunity	324	21-25 Feb, 2022	<a href="#">Link</a>
116	2021-22	SRC	One Week Online Workshop on Meditation Course III	97	3-7 March, 2022	<a href="#">Link</a>
117	2021-22	SRC	Webinar Study Techniques and Time Management	153	18 April, 2021	<a href="#">Link</a>
118	2021-22	SRC	Expert Talk cum Seminar on Act of Goodness	25	26 April, 2022	<a href="#">Link</a>
119	2021-22	SRC	One Week Online Workshop on Meditation Course IV	110	1- 7 May, 2022	<a href="#">Link</a>
120	2021-22	SRC	Expert Talk cum Seminar on International Day of Yoga	35	21 June, 2022	<a href="#">Link</a>
121	2021-22	AI DS	GUEST LECTURE ON MACHINE LEARNING USING PYTHON	69	November 15th , 2021	<a href="#">Link</a>
122	2021-22	AI DS	Workshop on Resume Building	62	20th December 2021	<a href="#">Link</a>
123	2021-22	AI DS	AR Arena Session on Filter Making	87	6th February 2022	<a href="#">Link</a>
124	2021-22	AI DS	VALORANT TOURNAMENT EVENT: Encouraging teamwork and Skill development program	55	13/05/2022	<a href="#">Link</a>
125	2021-22	AI DS	Learning Program cum Workshop Wrap-Up Event	60	22nd April 2022	<a href="#">Link</a>
126	2021-22	AI DS	Workshop on Go Code	60	14/4/2022	<a href="#">Link</a>
127	2021-22	AI DS	Seminar and quiz competition on National Science Day	69	February 28th 2022	<a href="#">Link</a>
128	2021-	AI DS	Smart India Hackathon	390	25-26	<a href="#">Link</a>

	22		SIH 2022		March,2022	
129	2021-22	Incubation cell	4 Months Incubation Program cum workshop on Entrepreneurship	280	24 th April-31 st October	<a href="#">Link</a>
130	2021-22	AI DS	Faculty Enablement Program on Artificial Intelligence	2	06 June to 10 June 2022	<a href="#">Link</a>
131	2021-22	AI DS	TTT Program on Java Programming Using Spring Board Platform (Phase-1)	2	6 Sept to 10 Sept 2021	<a href="#">Link</a>
132	2021-22	AI DS	TTT Program on Java Programming Using Spring Board Platform (Phase-2)	3	21 Sept to 23 Sept 2021	<a href="#">Link</a>
133	2021-22	AI DS	Faculty Enablement Program on Programming Fundamentals of Python Using Spring Board Platform	2	13 June to 17 June 2022	<a href="#">Link</a>
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	<a href="#">Link</a>
135	2021-22	CSE,IT,ECE,ME,CEE	Access to Coding Ninjas Course Cum Workshop  introduction to programming".	1510	April-June,2022	<a href="#">Link</a>
136	2021-22	College Level	3 Days FDP on "DRONACHARYA-Teaching Skills for Building Excellence"	27	26/04/2022 to 28/04/2022	<a href="#">Link</a>

### 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	<a href="#">Link</a>
2	2021-22	ECE	One day Seminar on "Career Guidance & Future Opportunities After Engineering"	68	24-02-2022	<a href="#">Link</a>
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	<a href="#">Link</a>
4	2021-22	ECE	National Conference "RACON-22"	210	7-8 June 2022	<a href="#">Link</a>
5	2021-22	ECE	International Conferences "ICAMCM-22"	98	17-18 June 2022	<a href="#">Link</a>
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	<a href="#">Link</a>
7	2021-22	ECE	One Day Workshop on "Learn to code, Design the future"	116	3 March 2022	<a href="#">Link</a>
8	2021-22	ECE	Project Exhibition on Embedded System & Its Application	112	8 December 2021	<a href="#">Link</a>
9	2021-22	ECE	2Days Workshops on "AI/ML Algorithms &	45	28th 29th	<a href="#">Link</a>

			Applications in VLSI Design & Technology		Nov 21`	
10	2021-22	ECE	2Days Workshops on "Emerging Trends in Nanotechnology"	41	21/08/2020-22/08/2020	<a href="#">Link</a>
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	<a href="#">Link</a>
12	2021-22	ECE	3 days workshop on "DevOps"	45	7th to 9th feb 2022	<a href="#">Link</a>
13	2021-22	ECE	3 days workshop on "Role of Angular JS in Web Development"	41	20th to 22nd Sept 2021	<a href="#">Link</a>
14	2021-22	ECE	3 days workshop on "basics of HTML and CSS"	43	13th to 15th sept 2021	<a href="#">Link</a>
15	2021-22	ECE	3Days workshop on "introduction to React for Advance Web Development"	46	22nd to 25th feb 2022	<a href="#">Link</a>
16	2021-22	ECE	3 Days workshop on Introduction of Embedded System and IoT	60	8th-10 November 2021	<a href="#">Link</a>
17	2021-22	ECE	3 Days Workshop on Advanced Internet of Things and cloud Solutions	57	22th - 24th November 2021	<a href="#">Link</a>
18	2021-22	ECE	3 Days hands on workshop on Applications of IoT in Robotics and Cloud Computing	75	13th - 15th December 2021	<a href="#">Link</a>
19	2021-22	ECE	3 Days workshop on Designing and assembling of Quadcopter using Embedded System	82	4th- 6th April 2022	<a href="#">Link</a>
20	2021-22	ECE	3 Days workshop on Advanced Robotics Manufacturing using 3-D printing and its challenges	72	25th- 27th April 2022	<a href="#">Link</a>
21	2021-22	ECE	Workshop on Machine Learning using Python	55	9th-10th August 2021	<a href="#">Link</a>

22	2021-22	ECE	Workshop on Principles of Data Science	63	26th-27th August 2021	<a href="#">Link</a>
23	2021-22	ECE	Workshop on Introduction to Deep Learning and its applications	47	6th-7th January 2022	<a href="#">Link</a>
24	2021-22	ECE	Workshop on Role of Artificial Intelligence in Electronics Engineering	56	18th-19th January 2022	<a href="#">Link</a>
25	2021-22	ECE	Workshop on MATLAB basics used in machine learning applications on Image Processing	72	27th-28th January 2022	<a href="#">Link</a>
26	2021-22	ECE	Workshop on IOT	55	24/01/2022 to 28/01/2022.	<a href="#">Link</a>
27	2021-22	ECE	Two days workshop on Artificial Intelligence and Neural Network	174	19-20 Jan,2021	<a href="#">Link</a>
28	2021-22	ECE	Design and Optimization of Solar PV System	55	03/10/2021 to 07/10/2021	<a href="#">Link</a>
29	2021-22	ECE	Two days online workshop on "Workshop on Embedded and IOT"	41	09/05/2022-10/05/2022	<a href="#">Link</a>
30	2021-22	ECE	A Seminar on " Robotics and automation in Industries"	79	10 Decemb er 2021	<a href="#">Link</a>
31	2021-22	First Year	One Day Webinar on" Ethical Hacking & Information Security"	94	14 February 2022	<a href="#">Link</a>
32	2021-22	First Year	Expert Talk on " Solid State Sulfer Batteries: An Alternate of Li-ion Battery"	252	9 February 2022	<a href="#">Link</a>
33	2021-22	First Year	Two Days Workshop on Circuit Designing-(Phase I (ECE,EE))	150	10-11 Dec,2021	<a href="#">Link</a>
34	2021-22	First Year	Two Days Workshop on Circuit Designing -Phase II (CSE,IT)	148	10-11 Jan.,2022	<a href="#">Link</a>
35	2021-22	First Year	Two Days Workshop on Circuit Designing -Phase III(AIDS, CE, ME)	130	21-22 Jan.,2022	<a href="#">Link</a>



36	2021-22	First Year	Two Days Workshop on Introduction of C Programming -(Phase I (ECE,EE)	140	24-25 March,22	<a href="#">Link</a>
37	2021-22	First Year	Two Days Workshop on Introduction of C Programming -Phase II (CSE,IT)	160	4-6 April,22	<a href="#">Link</a>
38	2021-22	First Year	Two Days Workshop on Introduction of C Programming -Phase III (AIDS, CE, ME)	105	18-19 April,22	<a href="#">Link</a>
39	2021-22	First Year	Seminar on Sustainable Nano Carbons as potential sensors for safe waters-Phase I	102	23 April 2022	<a href="#">Link</a>
40	2021-22	First Year	Seminar on Sustainable Nano Carbons as potential sensors for safe waters-Phase II	93	25 May 2022	<a href="#">Link</a>
41	2021-22	CSE	Workshop On Web Chat Bot (Voice Control Personal Assistant)	177	12 August 2021	<a href="#">Link</a>
42	2021-22	CSE	Workshop on Machine learning with Python	96	1 September 2021	<a href="#">Link</a>
43	2021-22	CSE	Workshop on Web development with Django	85	16 November 2021	<a href="#">Link</a>
44	2021-22	CSE	SDP Programming with C	16	23-28 May 2022	<a href="#">Link</a>
45	2021-22	CSE	NCICT-22	250	28-29 May 2022	<a href="#">Link</a>
46	2021-22	CSE	Workshop on Advance Python	95	22 March 2022	<a href="#">Link</a>
47	2021-22	CSE	WORKSHOP ON DATA SCIENCE & ANALYTICS	60	April 26th , 2022	<a href="#">Link</a>
48	2021-22	CSE	Workshop on Machine Learning	90	7th April 2022	<a href="#">Link</a>
49	2021-22	CSE	Workshop on Software Testing	249	30th March,2022	<a href="#">Link</a>
50	2021-22	CSE	Workshop on Web Chat (Application Project)	180	20-Apr-22	<a href="#">Link</a>

51	2021-22	CSE	Workshop on Django	97	5th May 2022	<a href="#">Link</a>
52	2021-22	EE	One Day Seminar on "Career Seminar by Made Easy"	45	30-04-2022	<a href="#">Link</a>
53	2021-22	EE	One Day Webinar on "How to Crack GATE / PSU exams"	59	29-04-2022	<a href="#">Link</a>
54	2021-22	EE	ICT based Short Term Course on 'Basics of hardware in loop Simulation'.	8	02/05/2022 to 06/05/2022	<a href="#">Link</a>
55	2021-22	EE	Seminar on Teacher's Day	35	06.9.2021	<a href="#">Link</a>
56	2021-22	EE	Seminar on Engineer's Day	38	15.9.2021	<a href="#">Link</a>
57	2021-22	EE	Guest Lecture on World Heart Day	55	29.9.202	<a href="#">Link</a>
58	2021-22	EE	two Days Workshop on Solar PV System	26	27-28 Sep - 2021	<a href="#">Link</a>
59	2021-22	EE	Workshop on IOT and Python	29	04.10.2021-18.10.2021	<a href="#">Link</a>
60	2021-22	EE	Workshop on C Programming Language	30	01.02.2022-28.02.2022	<a href="#">Link</a>
61	2021-22	EE	Seminar on National Science Day	39	28.02.2022	<a href="#">Link</a>
62	2021-22	EE	Workshop on Embedded System	33	01.03.2022	<a href="#">Link</a>
63	2021-22	EE	4th National Conference on 'Recent Trends and Smart Technologies in Electrical Engineering-2022'	95	20.05.2022-21.05.2022	<a href="#">Link</a>
64	2021-22	CE	4th National Conference on Emerging Trends in Civil Engineering For Sustainable Development	25	17-18 June, 2022	<a href="#">Link</a>
65	2021-22	CE	A Guest Lecture on "Importance of AutoCAD & 3ds Max"	61	06Jan, 2022	<a href="#">Link</a>
66	2021-22	CE	A Guest Lecture on "Importance of BIM & STAAD pro"	69	08Jan, 2022	<a href="#">Link</a>
67	2021-	CE	A Guest Lecture on	44	04Jan, 20	<a href="#">Link</a>

	22		“Importance of Civil Software & Internship		22	
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	<a href="#">Link</a>
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	<a href="#">Link</a>
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	<a href="#">Link</a>
71	2021-22	CE	Online 3-day workshop on "Covid Carc and Immunity Enhancement	500	July 8-10, 2021	<a href="#">Link</a>
72	2021-22	CE	One Day Workshop on "Virtual Lab"	765	Oct.12,2021	<a href="#">Link</a>
73	2021-22	CE	Webinar on Scope of Cad and Structure Software in Civil Engineering	19	Mar 10, 2022	<a href="#">Link</a>
74	2021-22	IT	One Day Workshop on Digital Marketing with Website Design & Development	65	Oct 11, 2021	<a href="#">Link</a>
75	2021-22	IT	One Day Workshop on Machine Learning	46	Jan 25, 2022	<a href="#">Link</a>
76	2021-22	IT	Two Day Workshop on DevOpps	66	April 25-26, 2022	<a href="#">Link</a>
77	2021-22	IT	Webinar on Ethical Hacking and Cyber Security	132	Feb 12, 2022	<a href="#">Link</a>
78	2021-22	IT	Seminar on Career Counselling	84	March 30, 2022	<a href="#">Link</a>
79	2021-22	IT	Seminar On “Future Force in Salesforce”	74	April 9, 2022	<a href="#">Link</a>
80	2021-22	IT	4th National Conference on Information Technology and Security Applications	90	May 14-15, 2022	<a href="#">Link</a>
81	2021-22	ME	4th International Conference on Recent Innovations & Technological Development in Mechanical Engineering	284	11-12 March, 2022	<a href="#">Link</a>

82	2021-22	ME	6th National Conference on Futuristic Trends in Mechanical Engineering	90	25-26 May, 2022	<a href="#">Link</a>
83	2021-22	ME	One Week Workshop on Hybrid and Advanced Electric Vehicles	45	30.05.2022 to 04.06.2022	<a href="#">Link</a>
84	2021-22	ME	One Week Workshop on Conventional & Electric Two-Wheeler: A Comparison	33	09.05.2022 to 15.05.2022	<a href="#">Link</a>
85	2021-22	ME	One Week Workshop on Battery Powered Vehicle: Working & Assembly	37	04.05.2022 to 10.05.2022	<a href="#">Link</a>
86	2021-22	ME	One Week Workshop on Fundamentals and Application of Additive Manufacturing	68	25.04.2022 to 30.04.2022	<a href="#">Link</a>
87	2021-22	ME	One Week Workshop on Additive Manufacturing: Different Technologies	64	04.04.2022 to 09.04.2022	<a href="#">Link</a>
88	2021-22	ME	One Week Workshop on Modeling and Simulation Using Ansys	35	07.02.2022 to 12.02.2022	<a href="#">Link</a>
89	2021-22	ME	One Week Workshop on SolidWorks: Design and Simulation	45	17.01.2022 to 22.01.2022	<a href="#">Link</a>
90	2021-22	ME	One Week Workshop on E-Vehicles: Power Storage & Transmission System	55	09.09.2021 to 15.09.2021	<a href="#">Link</a>
91	2021-22	ME	One Week Workshop on Parametric Modeling Using Creo: An Introduction	40	09.09.2021 to 15.09.2021	<a href="#">Link</a>
92	2021-22	ME	One Week Workshop on Electric Vehicle	45	01.09.2021 to 07.09.2021	<a href="#">Link</a>
93	2021-22	ME	One Week Workshop on Online AutoCAD for Engineers	35	01.09.2021 to 07.09.2021	<a href="#">Link</a>
94	2021-22	ME	One Week Workshop on 3D Printing: An Introduction	49	05.07.2021 to 10.07.2021	<a href="#">Link</a>

					21	
95	2021-22	ME	A Webinar on "Simulation and Development of Hybrid Electric Vehicle"	47	09.09.2021	<a href="#">Link</a>
96	2021-22	ME	A Guest Lecture on "Boundary Layer-Heat Transfer Phase-1"	41	09.10.2021	<a href="#">Link</a>
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	<a href="#">Link</a>
99	2021-22	ME	A Webinar on "E-vehicles: state of the art and prospects"	48	15.01.2022	<a href="#">Link</a>
100	2021-22	ME	A Webinar on "Industry 4.0 & role of mechanical engineers"	65	12.02.2022	<a href="#">Link</a>
101	2021-22	ME	A Webinar on "How to extend the roller bearing life cycle and improve its performance"	48	15.02.2022	<a href="#">Link</a>
102	2021-22	ME	A Webinar on "Pressure Vessels"	47	17.02.2022	<a href="#">Link</a>
103	2021-22	ME	A Guest Lecture on "Career Opportunities for Graduate Engineers"	42	30.03.2022	<a href="#">Link</a>
104	2021-22	ME	A Guest Lecture on "Refrigeration Accessories"	40	04.04.2022	<a href="#">Link</a>
105	2021-22	ME	A Guest Lecture on "AutoCAD and CNC Software"	40	13.05.2022	<a href="#">Link</a>
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	<a href="#">Link</a>
107	2021-22	College Level	AICTE-UKIERI Further Education Leadership and Management Training Programme cumworkshop Phase-1	15	23-26 Nov.,21	<a href="#">Link</a>
108	2021-22	College Level	AICTE-UKIERI Further Education Leadership and Management Training Programme cumworkshop	9	21-24 Feb.,22	

			Phase-2			
109	2021-22	College Level	AICTE-UKIERI Further Education Leadership and Management Training Programme cumworkshop Phase-3	9	21-23 March, 2022	
110	2021-22	SRC	Webinar Meditation for Emotional Stability	163	27-28 Aug, 2021	<a href="#">Link</a>
111	2021-22	SRC	One Week Online Workshop on Mediation Course I	27	1-8 Sep, 2021	<a href="#">Link</a>
112	2021-22	SRC	Webinar on Enlightenment	215	5-6 Oct, 2021	<a href="#">Link</a>
113	2021-22	SRC	One Week Online Workshop on Mediation Course II	14	8-14 Oct, 2021	<a href="#">Link</a>
114	2021-22	SRC	Three days Workshop on Exploring the Sub-Conscious	12	21-23 Dec, 2021	<a href="#">Link</a>
115	2021-22	SRC	Webinar on Enhancing Emotional Immunity	324	21-25 Feb, 2022	<a href="#">Link</a>
116	2021-22	SRC	One Week Online Workshop on Meditation Course III	97	3-7 March, 2022	<a href="#">Link</a>
117	2021-22	SRC	Webinar Study Techniques and Time Management	153	18 April, 2021	<a href="#">Link</a>
118	2021-22	SRC	Expert Talk cum Seminar on Act of Goodness	25	26 April, 2022	<a href="#">Link</a>
119	2021-22	SRC	One Week Online Workshop on Meditation Course IV	110	1-7 May, 2022	<a href="#">Link</a>
120	2021-22	SRC	Expert Talk cum Seminar on International Day of Yoga	35	21 June, 2022	<a href="#">Link</a>
121	2021-22	AI DS	GUEST LECTURE ON MACHINE LEARNING USING PYTHON	69	November 15th, 2021	<a href="#">Link</a>
122	2021-22	AI DS	Workshop on Resume Building	62	20th December 2021	<a href="#">Link</a>
123	2021-22	AI DS	AR Arena Session on Filter Making	87	6th February 2022	<a href="#">Link</a>
124	2021-22	AI DS	VALORANT TOURNAMENT	55	13/05/2022	<a href="#">Link</a>

			EVENT: Encouraging teamwork and Skill development program			
125	2021-22	AI DS	Learning Program cum Workshop Wrap-Up Event	60	22nd April 2022	<a href="#">Link</a>
126	2021-22	AI DS	Workshop on Go Code	60	14/4/2022	<a href="#">Link</a>
127	2021-22	AI DS	Seminar and quiz competition on National Science Day	69	February 28th 2022	<a href="#">Link</a>
128	2021-22	AI DS	Smart India Hackathon SIH 2022	390	25-26 March, 2022	<a href="#">Link</a>
129	2021-22	Incubation cell	4 Months Incubation Program cum workshop on Entrepreneurship	280	24th April-31st October	<a href="#">Link</a>
130	2021-22	AI DS	Faculty Enablement Program on Artificial Intelligence	2	06 June to 10 June 2022	<a href="#">Link</a>
131	2021-22	AI DS	TTT Program on Java Programming Using Spring Board Platform (Phase-1)	2	6 Sept to 10 Sept 2021	<a href="#">Link</a>
132	2021-22	AI DS	TTT Program on Java Programming Using Spring Board Platform (Phase-2)	3	21 Sept to 23 Sept 2021	<a href="#">Link</a>
133	2021-22	AI DS	Faculty Enablement Program on Programming Fundamentals of Python Using Spring Board Platform	2	13 June to 17 June 2022	<a href="#">Link</a>
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	<a href="#">Link</a>
135	2021-22	CSE,IT,ECE,ME,CE	Access to Coding Ninjas Course Cum Workshop  introduction to programming".	1510	April-June, 2022	<a href="#">Link</a>
136	2021-22	College Level	3 Days FDP on "DRONACHARYA-Teaching Skills for Building Excellence"	27	26/04/2022 to 28/04/2022	<a href="#">Link</a>

### 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

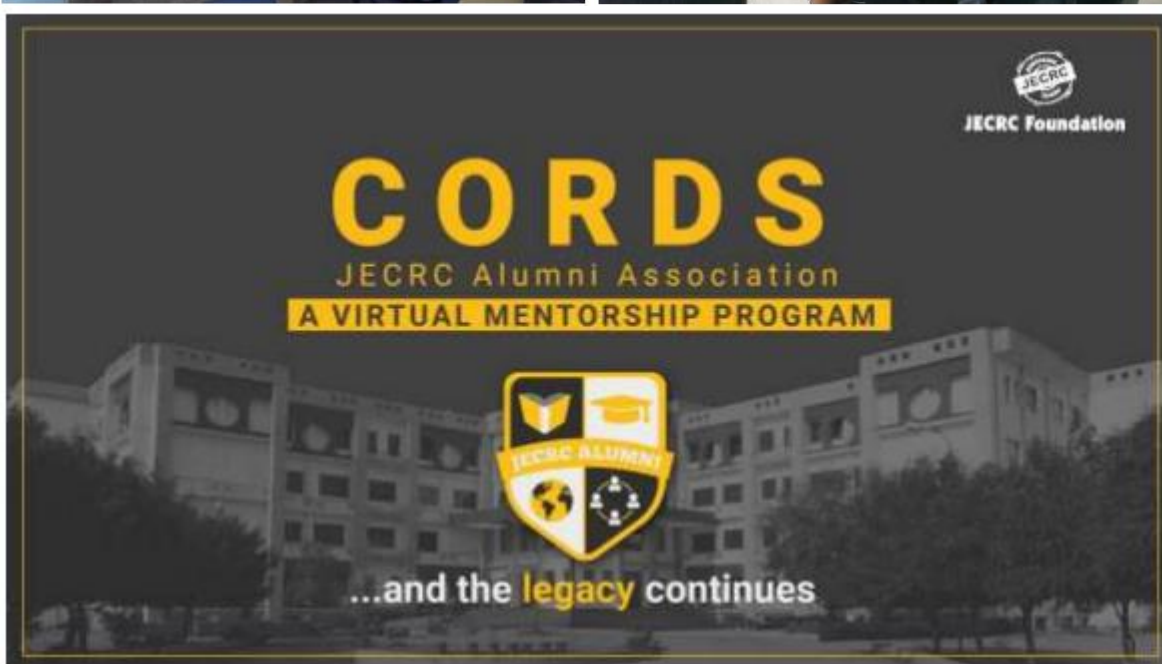
Alumni sessions were organized by mechanical department on 24 Aug & 27 Aug for the students eligible for upcoming placement drive of Accenture.

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-mind yourself why you're amazing, and try again for a new role.



**Extra Curricular activities:**

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	<a href="#">Link</a>
2	2021-22	ECE	One day Seminar on "Career Guidance & Future Opportunities After	68	24-02-2022	<a href="#">Link</a>

			Engineering"			
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	<a href="#">Link</a>
4	2021-22	ECE	National Conference "RACON-22"	210	7-8 June 2022	<a href="#">Link</a>
5	2021-22	ECE	International Conferences "ICAMCM-22"	98	17-18 June 2022	<a href="#">Link</a>
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	<a href="#">Link</a>
7	2021-22	ECE	One Day Workshop on "Learn to code, Design the future"	116	3 March 2022	<a href="#">Link</a>
8	2021-22	ECE	Project Exhibition on Embedded System & Its Application	112	8 December 2021	<a href="#">Link</a>
9	2021-22	ECE	2Days Workshops on "AI/ML Algorithms & Applications in VLSI Design & Technology"	45	28th 29th Nov 21`	<a href="#">Link</a>
10	2021-22	ECE	2Days Workshops on "Emerging Trends in Nanotechnology"	41	21/08/20 20-22/08/20 20	<a href="#">Link</a>
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	<a href="#">Link</a>
12	2021-22	ECE	3 days workshop on "DevOps"	45	7th to 9th feb 2022	<a href="#">Link</a>
13	2021-22	ECE	3 days workshop on "Role of Angular JS in Web Development"	41	20th to 22nd Sept 2021	<a href="#">Link</a>
14	2021-22	ECE	3 days workshop on "basics of HTML and CSS"	43	13th to 15th sept 2021	<a href="#">Link</a>
15	2021-	ECE	3Days workshop on	46	22nd to	<a href="#">Link</a>

	22		"introduction to React for Advance Web Development"		25th feb 2022	
16	2021-22	ECE	3 Days workshop on Introduction of Embedded System and IoT	60	8th-10 November 2021	<a href="#">Link</a>
17	2021-22	ECE	3 Dyas Workshop on Advanced Internet of Things and cloud Solutions	57	22th - 24th November 2021	<a href="#">Link</a>
18	2021-22	ECE	3 Days hands on workshop on Applications of IoT in Robotics and Cloud Computing	75	13th - 15th December 2021	<a href="#">Link</a>
19	2021-22	ECE	3 Days workshop on Designing and assembling of Quadcopter using Embedded System	82	4th- 6th April 2022	<a href="#">Link</a>
20	2021-22	ECE	3 Days workshop on Advanced Robotics Manufacturing using 3-D printing and its challenges	72	25th-27th April 2022	<a href="#">Link</a>
21	2021-22	ECE	Workshop on Machine Learning using Python	55	9th-10th August 2021	<a href="#">Link</a>
22	2021-22	ECE	Workshop on Principles of Data Science	63	26th-27th August 2021	<a href="#">Link</a>
23	2021-22	ECE	Workshop on Introduction to Deep Learning and its applications	47	6th-7th January 2022	<a href="#">Link</a>
24	2021-22	ECE	Workshop on Role of Artificial Intelligence in Electronics Engineering	56	18th-19th January 2022	<a href="#">Link</a>
25	2021-22	ECE	Workshop on MATLAB basics used in machine learning applications on Image Processing	72	27th-28th January 2022	<a href="#">Link</a>
26	2021-22	ECE	Workshop on IOT	55	24/01/2022 to 28/01/2022.	<a href="#">Link</a>
27	2021-22	ECE	Two days workshop on Artificial Intelligence and Neural Network	174	19-20 Jan,2021	<a href="#">Link</a>
28	2021-22	ECE	Design and Optimization of Solar PV System	55	03/10/2021 to	<a href="#">Link</a>

					07/10/2021	
29	2021-22	ECE	Two days online workshop on "Workshop on Embedded and IOT"	41	09/05/2022-10/05/2022	<a href="#">Link</a>
30	2021-22	ECE	A Seminar on " Robotics and automation in Industries"	79	10 Decemb er 2021	<a href="#">Link</a>
31	2021-22	First Year	One Day Webinar on" Ethical Hacking & Information Security"	94	14 Februar y 2022	<a href="#">Link</a>
32	2021-22	First Year	Expert Talk on " Solid State Sulfer Batteries: An Alternate of Li-ion Battery"	252	9 Februar y 2022	<a href="#">Link</a>
33	2021-22	First Year	Two Days Workshop on Circuit Designing-(Phase I (ECE,EE)	150	10-11 Dec,202 1	<a href="#">Link</a>
34	2021-22	First Year	Two Days Workshop on Circuit Designing -Phase II (CSE,IT)	148	10-11 Jan.,202 2	<a href="#">Link</a>
35	2021-22	First Year	Two Days Workshop on Circuit Designing -Phase III(AIDS, CE, ME)	130	21-22 Jan.,202 2	<a href="#">Link</a>
36	2021-22	First Year	Two Days Workshop on Introduction of C Programming -(Phase I (ECE,EE)	140	24-25 March,2 2	<a href="#">Link</a>
37	2021-22	First Year	Two Days Workshop on Introduction of C Programming -Phase II (CSE,IT)	160	4-6 April,22	<a href="#">Link</a>
38	2021-22	First Year	Two Days Workshop on Introduction of C Programming -Phase III (AIDS, CE, ME)	105	18-19 April,22	<a href="#">Link</a>
39	2021-22	First Year	Seminar on Sustainable Nano Carbons as potential sensors for safe waters-Phase I	102	23 April 2022	<a href="#">Link</a>
40	2021-22	First Year	Seminar on Sustainable Nano Carbons as potential sensors for safe waters-Phase II	93	25 May 2022	<a href="#">Link</a>
41	2021-22	CSE	Workshop On Web Chat Bot (Voice Control Personal Assistant)	177	12 August 2021	<a href="#">Link</a>
42	2021-22	CSE	Workshop on Machine learning with Python	96	1 Septemb	<a href="#">Link</a>

					er 2021	
43	2021-22	CSE	Workshop on Web development with Django	85	16 November 2021	<a href="#">Link</a>
44	2021-22	CSE	SDP Programming with C	16	23-28 May 2022	<a href="#">Link</a>
45	2021-22	CSE	NCICT-22	250	28-29 May 2022	<a href="#">Link</a>
46	2021-22	CSE	Workshop on Advance Python	95	22 March 2022	<a href="#">Link</a>
47	2021-22	CSE	WORKSHOP ON DATA SCIENCE & ANALYTICS	60	April 26th , 2022	<a href="#">Link</a>
48	2021-22	CSE	Workshop on Machine Learning	90	7th April 2022	<a href="#">Link</a>
49	2021-22	CSE	Workshop on Software Testing	249	30th March, 2022	<a href="#">Link</a>
50	2021-22	CSE	Workshop on Web Chat (Application Project)	180	20-Apr-22	<a href="#">Link</a>
51	2021-22	CSE	Workshop on Django	97	5th May 2022	<a href="#">Link</a>
52	2021-22	EE	One Day Seminar on "Career Seminar by Made Easy"	45	30-04-2022	<a href="#">Link</a>
53	2021-22	EE	One Day Webinar on "How to Crack GATE / PSU exams"	59	29-04-2022	<a href="#">Link</a>
54	2021-22	EE	ICT based Short Term Course on 'Basics of hardware in loop Simulation'.	8	02/05/2022 to 06/05/2022	<a href="#">Link</a>
55	2021-22	EE	Seminar on Teacher's Day	35	06.9.2021	<a href="#">Link</a>
56	2021-22	EE	Seminar on Engineer's Day	38	15.9.2021	<a href="#">Link</a>
57	2021-22	EE	Guest Lecture on World Heart Day	55	29.9.2021	<a href="#">Link</a>
58	2021-22	EE	two Days Workshop on Solar PV System	26	27-28 Sep - 2021	<a href="#">Link</a>
59	2021-22	EE	Workshop on IOT and Python	29	04.10.2021-18.10.2021	<a href="#">Link</a>

60	2021-22	EE	Workshop on C Programming Language	30	01.02.2022-28.02.2022	<a href="#">Link</a>
61	2021-22	EE	Seminar on National Science Day	39	28.02.2022	<a href="#">Link</a>
62	2021-22	EE	Workshop on Embedded System	33	01.03.2022	<a href="#">Link</a>
63	2021-22	EE	4th National Conference on 'Recent Trends and Smart Technologies in Electrical Engineering-2022'	95	20.05.2022-21.05.2022	<a href="#">Link</a>
64	2021-22	CE	4th National Conference on Emerging Trends in Civil Engineering For Sustainable Development	25	17-18 June,2022	<a href="#">Link</a>
65	2021-22	CE	A Guest Lecture on "Importance of AutoCAD & 3ds Max"	61	06Jan,2022	<a href="#">Link</a>
66	2021-22	CE	A Guest Lecture on "Importance of BIM & STAAD pro"	69	08Jan,2022	<a href="#">Link</a>
67	2021-22	CE	A Guest Lecture on "Importance of Civil Software & Internship"	44	04Jan,2022	<a href="#">Link</a>
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	<a href="#">Link</a>
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	<a href="#">Link</a>
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	<a href="#">Link</a>
71	2021-22	CE	Online 3-day workshop on "Covid Carc and Immunity Enhancement"	500	July 8-10, 2021	<a href="#">Link</a>
72	2021-22	CE	One Day Workshop on "Virtual Lab"	765	Oct.12,2021	<a href="#">Link</a>
73	2021-22	CE	Webinar on Scope of Cad and Structure Software in Civil Engineering	19	Mar 10, 2022	<a href="#">Link</a>
74	2021-22	IT	One Day Workshop on Digital Marketing with	65	Oct 11, 2021	<a href="#">Link</a>

			Website Design & Development			
75	2021-22	IT	One Day Workshop on Machine Learning	46	Jan 25, 2022	<a href="#">Link</a>
76	2021-22	IT	Two Day Workshop on DevOps	66	April 25-26, 2022	<a href="#">Link</a>
77	2021-22	IT	Webinar on Ethical Hacking and Cyber Security	132	Feb 12, 2022	<a href="#">Link</a>
78	2021-22	IT	Seminar on Career Counselling	84	March 30, 2022	<a href="#">Link</a>
79	2021-22	IT	Seminar On “Future Force in Salesforce”	74	April 9, 2022	<a href="#">Link</a>
80	2021-22	IT	4th National Conference on Information Technology and Security Applications	90	May 14-15, 2022	<a href="#">Link</a>
81	2021-22	ME	4th International Conference on Recent Innovations & Technological Development in Mechanical Engineering	284	11-12 March, 2022	<a href="#">Link</a>
82	2021-22	ME	6th National Conference on Futuristic Trends in Mechanical Engineering	90	25-26 May, 2022	<a href="#">Link</a>
83	2021-22	ME	One Week Workshop on Hybrid and Advanced Electric Vehicles	45	30.05.2022 to 04.06.2022	<a href="#">Link</a>
84	2021-22	ME	One Week Workshop on Conventional & Electric Two-Wheeler: A Comparison	33	09.05.2022 to 15.05.2022	<a href="#">Link</a>
85	2021-22	ME	One Week Workshop on Battery Powered Vehicle: Working & Assembly	37	04.05.2022 to 10.05.2022	<a href="#">Link</a>
86	2021-22	ME	One Week Workshop on Fundamentals and Application of Additive Manufacturing	68	25.04.2022 to 30.04.2022	<a href="#">Link</a>
87	2021-22	ME	One Week Workshop on Additive Manufacturing: Different Technologies	64	04.04.2022 to 09.04.2022	<a href="#">Link</a>
88	2021-22	ME	One Week Workshop on Modeling and Simulation Using Ansys	35	07.02.2022 to 12.02.2022	<a href="#">Link</a>

					22	
89	2021-22	ME	One Week Workshop on SolidWorks: Design and Simulation	45	17.01.2022 to 22.01.2022	<a href="#">Link</a>
90	2021-22	ME	One Week Workshop on E-Vehicles: Power Storage & Transmission System	55	09.09.2021 to 15.09.2021	<a href="#">Link</a>
91	2021-22	ME	One Week Workshop on Parametric Modeling Using Creo: An Introduction	40	09.09.2021 to 15.09.2021	<a href="#">Link</a>
92	2021-22	ME	One Week Workshop on Electric Vehicle	45	01.09.2021 to 07.09.2021	<a href="#">Link</a>
93	2021-22	ME	One Week Workshop on Online AutoCAD for Engineers	35	01.09.2021 to 07.09.2021	<a href="#">Link</a>
94	2021-22	ME	One Week Workshop on 3D Printing: An Introduction	49	05.07.2021 to 10.07.2021	<a href="#">Link</a>
95	2021-22	ME	A Webinar on "Simulation and Development of Hybrid Electric Vehicle"	47	09.09.2021	<a href="#">Link</a>
96	2021-22	ME	A Guest Lecture on "Boundary Layer-Heat Transfer Phase-1"	41	09.10.2021	<a href="#">Link</a>
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	<a href="#">Link</a>
99	2021-22	ME	A Webinar on "E-vehicles: state of the art and prospects"	48	15.01.2022	<a href="#">Link</a>
100	2021-22	ME	A Webinar on "Industry 4.0 & role of mechanical engineers"	65	12.02.2022	<a href="#">Link</a>
101	2021-22	ME	A Webinar on "How to extend the roller bearing life cycle and improve its performance"	48	15.02.2022	<a href="#">Link</a>
102	2021-22	ME	A Webinar on "Pressure Vessels"	47	17.02.2022	<a href="#">Link</a>
103	2021-	ME	A Guest Lecture on	42	30.03.20	<a href="#">Link</a>



	22		"Career Opportunities for Graduate Engineers"		22	
104	2021-22	ME	A Guest Lecture on "Refrigeration Accessories"	40	04.04.2022	<a href="#">Link</a>
105	2021-22	ME	A Guest Lecture on "AutoCAD and CNC Software"	40	13.05.2022	<a href="#">Link</a>
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	<a href="#">Link</a>
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	<a href="#">Link</a>
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	<a href="#">Link</a>
111	2021-22	SRC	One Week Online Workshop on Mediation Course I	27	1-8 Sep, 2021	<a href="#">Link</a>
112	2021-22	SRC	Webinar on Enlightenment	215	5-6 Oct, 2021	<a href="#">Link</a>
113	2021-22	SRC	One Week Online Workshop on Mediation Course II	14	8-14 Oct, 2021	<a href="#">Link</a>
114	2021-22	SRC	Three days Workshop on Exploring the Sub-Conscious	12	21-23 Dec, 2021	<a href="#">Link</a>
115	2021-22	SRC	Webinar on Enhancing Emotional Immunity	324	21-25 Feb, 2022	<a href="#">Link</a>
116	2021-22	SRC	One Week Online Workshop on Meditation Course III	97	3-7 March, 2022	<a href="#">Link</a>

117	2021-22	SRC	Webinar Study Techniques and Time Management	153	18 April, 2021	<a href="#">Link</a>
118	2021-22	SRC	Expert Talk cum Seminar on Act of Goodness	25	26 April, 2022	<a href="#">Link</a>
119	2021-22	SRC	One Week Online Workshop on Meditation Course IV	110	1- 7 May, 2022	<a href="#">Link</a>
120	2021-22	SRC	Expert Talk cum Seminar on International Day of Yoga	35	21 June, 2022	<a href="#">Link</a>
121	2021-22	AI DS	GUEST LECTURE ON MACHINE LEARNING USING PYTHON	69	Novemb er 15th , 2021	<a href="#">Link</a>
122	2021-22	AI DS	Workshop on Resume Building	62	20th Decemb er 2021	<a href="#">Link</a>
123	2021-22	AI DS	AR Arena Session on Filter Making	87	6th Februar y 2022	<a href="#">Link</a>
124	2021-22	AI DS	VALORANT TOURNAMENT EVENT: Encouraging teamwork and Skill development program	55	13/05/20 22	<a href="#">Link</a>
125	2021-22	AI DS	Learning Program cum Workshop Wrap-Up Event	60	22nd April 2022	<a href="#">Link</a>
126	2021-22	AI DS	Workshop on Go Code	60	14/4/202 2	<a href="#">Link</a>
127	2021-22	AI DS	Seminar and quiz competition on National Science Day	69	Februar y 28th 2022	<a href="#">Link</a>
128	2021-22	AI DS	Smart India Hackathon SIH 2022	390	25-26 March,2 022	<a href="#">Link</a>
129	2021-22	Incubation cell	4 Months Incubation Program cum workshop on Entrepreneurship	280	24 th April- 31 st October	<a href="#">Link</a>
130	2021-22	AI DS	Faculty Enablement Program on Artificial Intelligence	2	06 June to 10 June 2022	<a href="#">Link</a>
131	2021-22	AI DS	TTT Program on Java Programming Using Spring Board Platform (Phase-1)	2	6 Sept to 10 Sept 2021	<a href="#">Link</a>

132	2021-22	AI DS	TTT Program on Java Programming Using Spring Board Platform (Phase-2)	3	21 Sept to 23 Sept 2021	<a href="#">Link</a>
133	2021-22	AI DS	Faculty Enablement Program on Programming Fundamentals of Python Using Spring Board Platform	2	13 June to 17 June 2022	<a href="#">Link</a>
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	<a href="#">Link</a>
135	2021-22	CSE,IT,EC E,ME,CE	Access to Coding Ninjas Course Cum Workshop  introduction to programming".	1510	April-June,2022	<a href="#">Link</a>
136	2021-22	College Level	3 Days FDP on "DRONACHARYA-Teaching Skills for Building Excellence"	27	26/04/2022 to 28/04/2022	<a href="#">Link</a>

### JECRC Alumni Activities

**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








**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.

  
PRINCIPAL  
Jaipur Engineering College &  
Research Center  
Tonk Road, Jaipur - 303 905



## 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/REC/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
Nominiee 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  
Tank Road, Jipur-501102

**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.

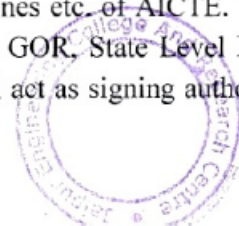
With a view to ensuring smooth and unambiguous functioning of the colleges, viz., Jaipur Engineering College And Research Centre and the delegated powers / authority are detailed hereunder

**Principal**

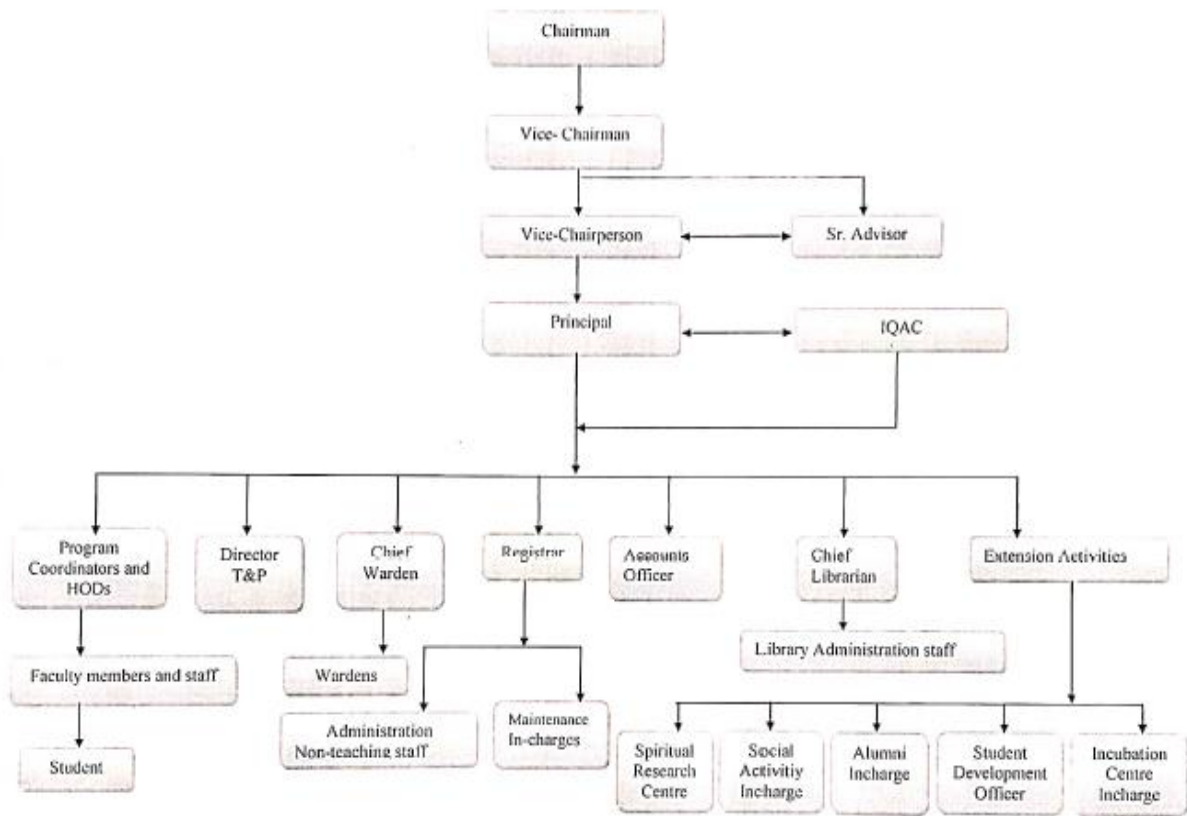
- As Head of the Institution, he shall exercise his authority for institution building. He will act as Competent Authority for all Faculty Members and Officer staff and be responsible for overall human resource management their appointment, utilization, retrenchment, termination, disciplinary action. 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



Organization Chart



**PRINCIPAL**  
**Jaipur Engineering College & Research Centre**  
 Tonk Road, Jaipur-302002



**JECRC Foundation**

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:-

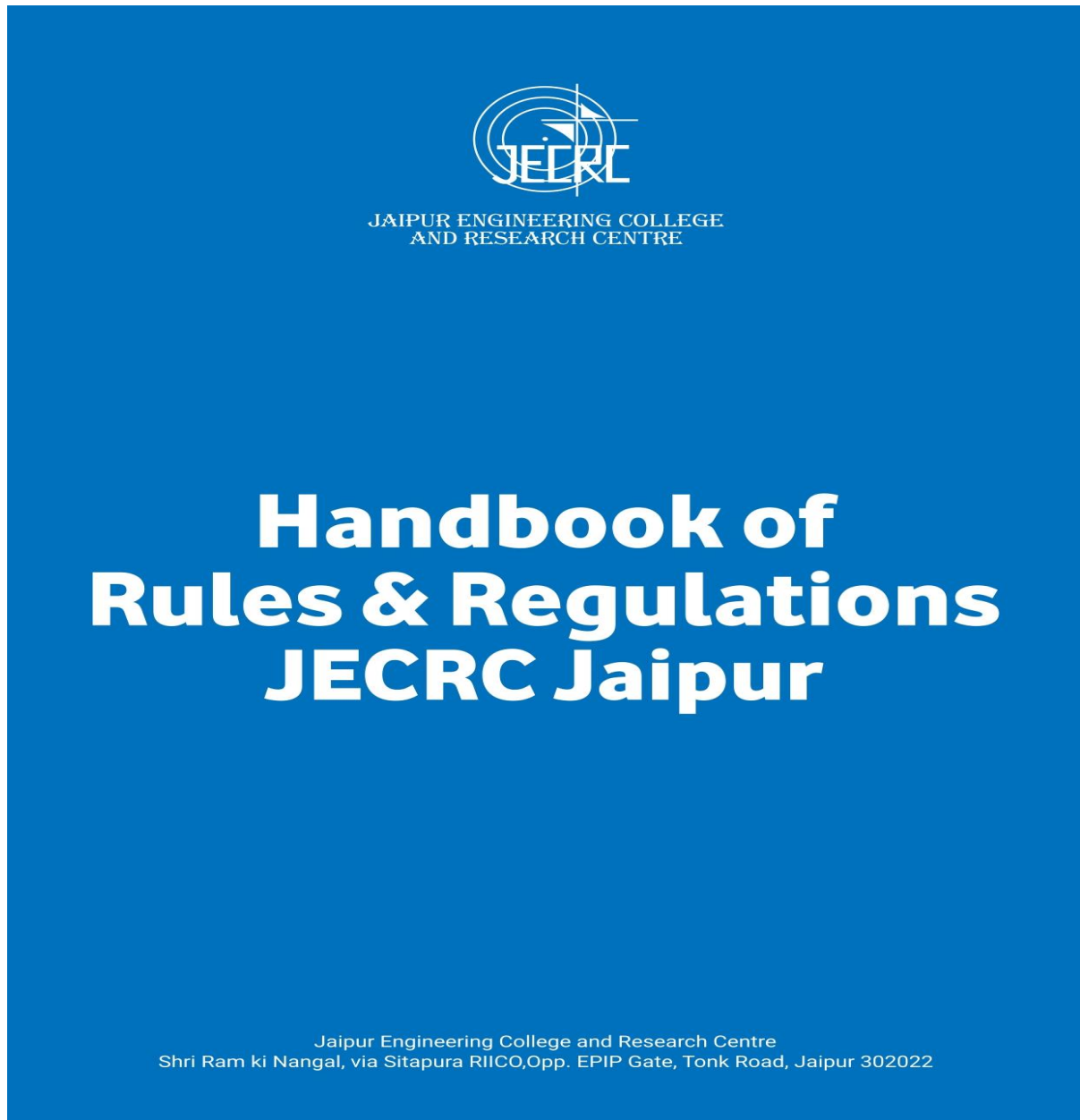
1. NSERD (As per AICTE)
2. Board of Governors (As per AICTE)
3. Grievance Redressal Committee
4. Anti Ragging Committee
5. Anti Ragging Squad
6. Women Cell Committee
7. Student Disciplinary Committee
8. SC/ST Committee
9. IQAC Committee



### Frequency of the Meetings of Board of Governance (Minutes of Meeting)

S.NO.	Year/Session		Related Link
1	2020-21	BOG MOM	<a href="#">Link</a>
2	2021-22		<a href="#">Link</a>

### The published rules including service rules, policies and procedure



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## Chapter-1

# Introduction Preamble:

**T**he 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 1<sup>st</sup> April and closing on 31<sup>st</sup> 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 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 may be 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 4 seminars/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

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### 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

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### 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

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**T**he 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   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	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

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

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### 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

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### 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

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

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

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.

**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> <td>Theory Subject</td> <td>Points obtained</td> </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><b>75/4 i.e. 18.75</b></td> </tr> </table>	Theory Subject	Points obtained	Sub-1	30	Sub-2	27	Sub-3	0	Sub-4	18	Average points scored	<b>75/4 i.e. 18.75</b>	30	
Theory Subject	Points obtained														
Sub-1	30														
Sub-2	27														
Sub-3	0														
Sub-4	18														
Average points scored	<b>75/4 i.e. 18.75</b>														
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 MOOC s (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

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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.



**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	
<b>Criteria No. 6 to 8 - To be filled by the concerned HOD</b>			
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

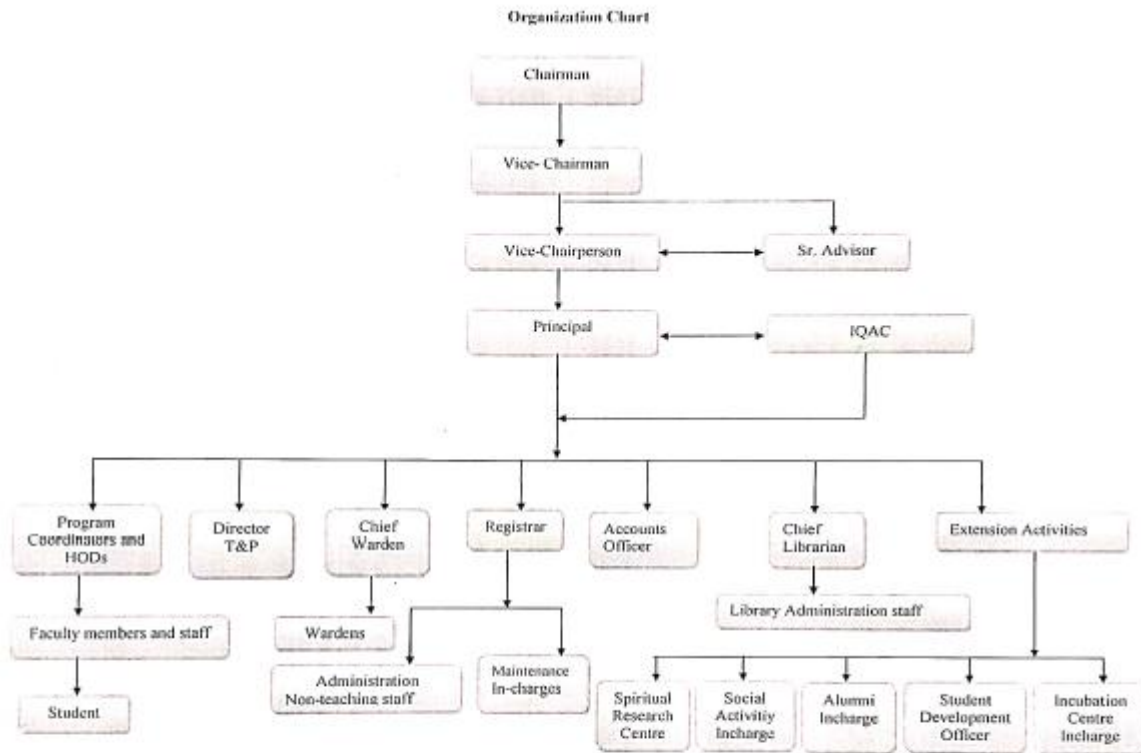
Management and Administration	Head
Vice Chairman	Shri M.L. Sharma
Senior Advisor	Shri O.P. Jain
Senior Advisor	Shri P.K. Tiwari
Senior Advisor	Prof. S.N. Gupta
Chief Administrator Officer	Shri P.K. Gupta
Registrar	Dr. R.K. Mangal
Librarian	Dr. Anita Jain
Sport Officer	Dr. Rajesh Sharma
Chief Hostel Warden	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 Nangal,  
Via Sitapura RIICO, Opp. EPIP Gate, Tonk Road, Jaipur 302 022  
t: 0141 2770120, 2770232 e: info@jecrcmail.com

## 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	pkiwari@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  
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	7229823455	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.ecs@jecrc.ac.in	B-60, Barkat Nagar (Ext.), Tonk Phatak, JECRC
Mr. Yogendra Sharma	Member	Architect/Civil engineer	JECRC/REG/2019-20/065	14-07-2020	9680772200	yogendrasharma@jecrc.ac.in	Compus, sitapura.tonk

  
Prof. Dr. Vinay Kumar Chandna  
Principal

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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 Meeting 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 Chairperson and discussed on 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.
  - f. Holding meetings, seminars, joint sensitization programmes involving students, faculty, parents, guardians, district authorities etc.
  - g. 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 –

<b>S. No</b>	<b>Action</b>	<b>Action taken by</b>
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

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**



JAIPUR ENGINEERING COLLEGE  
AND RESEARCH CENTRE

JECRC/Reg/2021-22/352

23.09.2021

**Anti-Ragging Committee**

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t: 0141 2770120, 2770232 e: info@jecrcmail.com

**Fwd: Reg. Hostel Night Duty**

1 message

IQAC JECRC &lt;iqac@jecrc.ac.in&gt;

Tue, Nov 1, 2022 at 12:50 PM

To: Priya Jyotiyana &lt;priyajyotiyana.cse@jecrc.ac.in&gt;

----- Forwarded message -----

From: Principal JECRC &lt;principal@jecrc.ac.in&gt;

Date: Sat, Aug 28, 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 Sharma <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 <director.sp@jecrc.ac.in>, Office Last <os@jecrc.ac.in>, p. k. Gupta <cao@jecrc.ac.in>, Piyush Gautam <piyushgautam.ft@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>, Vinita Mathur <vinitamathur.ece@jecrc.ac.in>, vijay sharma <vjsharma22@gmail.com>, manju vyas <manjuvyas.cse@jecrc.ac.in>, Rekha JECRC <rekhamithal.chem@jecrc.ac.in>, Vinita Jain <vinitajain.lib@gmail.com>, 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 Boraida <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 Srivastava <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 [mailto:Internet Explorer](#) 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

**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  
Jalpaiguri College &  
Research Centre  
Tank Road, Jalpaiguri-786022

**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>
<u>1.</u>	8 PM	9 PM	Presence in the Mess	Warden	<i>ASW4</i>
<u>2.</u>	9 PM	10 PM	Presence in the Lawn by the Male faculty member & Quadrangles by the Female faculty member	Warden	<i>ASW4</i>
<u>3.</u>	10 PM	11 PM	Hostel rooms visit	Warden	<i>ASW4</i>
<u>4.</u>	11 PM	11.30 PM	Tea time	—	—
<u>5.</u>	11.30 PM	12.30 PM	Hostel rooms visit.	Warden	<i>ASW4</i>
<u>6.</u>	12.30 AM		Rest	—	—
<u>7.</u>	3 AM	4 AM	Round of hostel and ground.	Warden	<i>ASW4</i>
<u>8.</u>	8 AM	9 AM	Tea & Breakfast	—	—

Date: - **3/8/18**

Signature of Faculty member

1. Lalit Kumar Sharma *lks*

2. Piyush Gautam *P. Gautam*



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.





Priya Jyotiyana &lt;priyajyotiyana.cse@jecrc.ac.in&gt;

## 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&simpl=msg-f%3A1714664848...> 1/2



**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

## 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	7821995265	barkhasrivastava.chem@jecrc.ac.in	102, Income Tax Colony, Malviya Nagar, Jaipur-302017
Dr. Shruti Kalra	Member	From NGO	Ph. D	Associate Professor	9414371413	shrutikalra.eco@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.in	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. - 6770, 1st 75 09

## National Society for Engineering Research and Development

Regd. Off. : H-6, Chitraujan Marg, C-Scheme, Jaipur 302 001

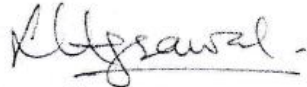
Phone - 91-0141-410000

COPY OF RESOLUTION

GOVERNING BODY MEETING DATED 10<sup>th</sup> 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

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. [Signature] 29/5/18

Contd..2/-

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 21/1/18

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.



Jaipur Engineering Colle: X JECRC-Brochure-2018.pdf X (2,287 unread) - dr\_awill X

Not secure | jecrcfoundation.com/pdf/JECRC-Brochure-2018.pdf

Apps dr\_william@yahoo Prof.(Dr.) Anurakt Will Recently Liked Quote | Read Collection | Re Prof (Dr) Anurakt Will PoemHunter.com: Po Other bookmarks

Dr. Vinay Kumar Chandra, Principal  
B.E., M.E., Ph.D. (D.C.E.)  
Sr. Member IEEE, UMSTE  
MEEE 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.

**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 best 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 generation 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!

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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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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

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**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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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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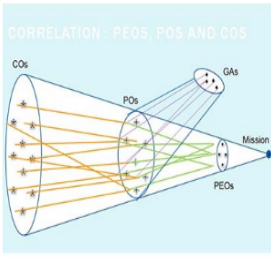
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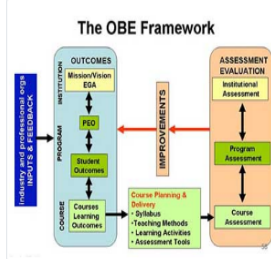
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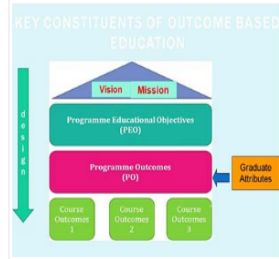
**Outcome Based Education**



**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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SMART INDIA HACKATHON '18

JECRC 0.1 Hackathon  
10th-11th January 2018  
A DIGITAL PRODUCT DEVELOPMENT PLATFORM

JECRC 10th Anniversary  
2008-2018

TEDx JECRC  
Independently organized TED event

JECRC MUN  
Diplomacy at Its Zenith

JECRC CONFERENCE

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SPIRITUAL RESEARCH CENTER  
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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






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**Welcome to JECRC Foundation**

"When education sees its course, a dream opens its eyes", is the belief of the foundation under the aegis of which top engineering colleges in India are set up. Education is just a spark for which it ignites the minds and inflames the intellect. Ignited minds change the world and bring us a better tomorrow.

It goes beyond developing one's knowledge and sharpening his skills as it paves the way for progress of a nation and its generations to come.

In the 18 years of educational journey the JECRC Foundation has set up some of the best engineering colleges and nurtured the essence of growth in education. The JECRC Engineering College was the first venture of the foundation in the league of the best colleges for B.Tech in Rajasthan. The Foundation has earned respect of being the most reputed educational group in north India with the establishment of some of the best colleges in Rajasthan, prime focus being the holistic approach and overall development of its students.

01 JMAG Edition-9 released.

02 Sh. Anil Agarwal, Chairman, Vedanta Resources Plc @ JECRC

Anti-Ragging Initiative

NIRF Engineering

NIRF Overall

Photo Gallery

**Media Coverage**

JECRC JAMPIR ENGINEERING COLLEGE AND RESEARCH CENTRE

JECRC UDML College of Engineering

JECRC UNIVERSITY BUILD YOUR WORLD

JECRC Foundation

JECRC UNIVERSITY BUILD YOUR WORLD Know MORE

LEEP-2018

INTERNAL SLIDING REAP-2018  
INTERNAL SLIDING NOTICE

College & Hostel Fee  
1st Installment Demand Notice  
2018

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**Anti-ragging Initiatives**

As per guidelines issued by the Hon'ble Supreme Court of India, an 'Anti-ragging Committee' has been formed at JECRC Foundation. The High-powered committee is functioning under the Chairmanship of Mr M.L. Sharma. The committee has been established to check the menace of ragging in the premises of the institute.

Any student found guilty of ragging can face severe punishment, which may include debaring from lectures & examinations, expulsion, rustication or fine. Any complaint of ragging will also be lodged with police. However, with collective efforts of the faculty, management's direction and support of our students no incidence of ragging.


- » UGC Regulation
- » Supreme Court Directives
- » Anti Ragging Affidavit from Parents
- » Anti Ragging Affidavit from Students
- » Anti-Ragging Committee

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### Anti-Ragging Committee

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	9414371443
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


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## Library

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### VISION and MISSION

#### 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 JEJRC 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, Aura Scanning and other health monitoring devices. Mr. Mukesh Agarwal, Ms. Chitra Khandelval 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 JEJRC University



A one hour session was conducted on June 21 st, 2017 on Indian Yoga & Meditation at Spiritual Research Cell, JEJRC 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 SMS 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 Zorurat was organized where Shri Arpit Agarwal, Director JEJRC 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. 14 th - 15 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 Rajjogin 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 31 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!!

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## Jaipur Engineering College & Research Centre



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The **JECRC Foundation** ardently upholds the practice of self learning and intellectual growth, which are integral to education. Its premier **college for B.Tech in Rajasthan**, JECRC holds a commitment to offer the highest standards of education with state-of-the-art infrastructure.

Set up in the year 2000, The JECRC has a well-qualified and experienced faculty; excellent management and infrastructure, that ensure academic excellence and overall development of its students. The JECRC is the 'most preferred choice amongst the aspiring students for B.Tech. programmes. This is evident from the recent trends witnessed during the RPET and AIEEE/JEE counselling.



**Bachelor of Technology | B.Tech. Programe and Intake**


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### Bachelor of Technology | B.Tech. Programe and Intake

JECRC offers 4-year Bachelor of Technology (B.Tech.) degree programmes, which are approved by the All India Council for Technical Education (AICTE), New Delhi and affiliated to the Rajasthan Technical University, Kota, Rajasthan.

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



### The JECRC Advantage

**Cultural Fest-Renaissance**

The national level techno cultural fest of JECRC, Renaissance has made a niche for itself among all colleges in the

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## Trainings and Placements

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- Vision and Mission
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- Learning
- Industrial Liaisons
- Companies List
- Statistics

Batch	No. of Offers/Relie. Out
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

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### NUMBER OF OFFERS

Years	No. of Offers
2016	1000
2017	1050
2018	850
2019	1100
2020	1900
2021	2000
2022	2100

### HIGHEST PACKAGE

Years	Highest Package
2016	8
2017	10
2018	10
2019	40
2020	10
2021	12
2022	42

### COMPANIES VISITED

Years	Companies Visited
2016	50
2017	70
2018	90
2019	80
2020	60
2021	80
2022	170

### OFFERS BY TOP RECRUITERS IN 2021

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Navigation: Home, Vision and Mission, Center for Deep, Learning, Industrial Liaisons, Companies List, Statistics

## Jaipur Engineering College And Research Centre

### Trainings and Placements

#### Sectors of Mass Recruiter

TATA CONSULTANCY SERVICES	Infosys	accenture	IBM
<ul style="list-style-type: none"> <li>Power Energy Resources &amp; Utilities</li> <li>Manufacturing</li> <li>Life Science</li> <li>Media Technology</li> <li>Banking &amp; Financial</li> <li>Public Services</li> </ul>	<ul style="list-style-type: none"> <li>Aerospace and Defense</li> <li>Airlines</li> <li>Automotive</li> <li>Industrial Manufacturing</li> <li>Oil &amp; Gas</li> <li>Banking &amp; Financial</li> </ul>	<ul style="list-style-type: none"> <li>Automotive &amp; Industries</li> <li>Energy</li> <li>Chemicals</li> <li>High Tech</li> <li>Consumer Goods &amp; Services</li> <li>Capital Market</li> </ul>	<ul style="list-style-type: none"> <li>Artificial Intelligence</li> <li>Mobile Technologies</li> <li>Life Science</li> <li>Telecommunication</li> <li>Banking &amp; Financial</li> </ul>

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#### OUR RECRUITERS

<p><b>Amazon offers JECRC students a record Rs. 44 Lac package</b></p> <p>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.</p>	<p><b>JECRC Student hired by America's leading software company Commvault.</b></p> <p>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 (INR) of 25 LPA.</p>	<p><b>CloudEra selected two JECRCians at CTC Rs 22 LPA</b></p> <p>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.</p>
<p><b>JECRC Students Hired by HPE at a package of Rs. 10 Lac</b></p> <p>More than 30 JECRC Foundation students have received offers worth Rs10 Lac from Hewlett Packard Enterprise.</p>	<p><b>Over 10,000 offers made in recent years by top recruiters</b></p> <p>JECRC becomes the favorite landing place for top recruiters like Amazon, HPE, Accenture, Tech Mahindra, Capgemini, Bosch Engineering, Tata Consultancy Services, Pwncore, TATA Power and many more!</p>	<p><b>32 JECRC Students Hired by Samsung at a package of Rs. 7 Lac</b></p> <p>32 JECRC students have received offers worth Rs 7 Lac from Samsung.</p>

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JECRC


JECRC Conference

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**Few of Our Core Recruiters**



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JECRC CONFERENCE  
Jaipur, Rajasthan, India

Organised By :

Our Conferences :



ICETEAS 2023	ICRITDME 2021	ICCOMET 2022	ICSGPERE 2020	ICETCESD 2020
International Conference on Emerging Trends in Expert Applications & Security (ICETEAS-2023)	International Conference on Recent Innovations & Technological Development in Mechanical Engineering (ICRITDME-2021)	INTERNATIONAL CONFERENCE ON COMMUNICATION, OPTICAL AND MICROELECTRONICS	International conference on Smart Grid, Power Electronics and Renewable Energy	International conference on Emerging Trends in Civil Engineering For Sustainable Development



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## Upcoming Conferences @ JECRC

Conference Title	Conference Date	Venue	View
International Conference on Advances in Materials Science, Communication and Microelectronics 2021	February 19 <sup>th</sup> to February 20 <sup>th</sup> , 2021	JECRC Campus, Shri Ram Ki Nangal, via Sitapura RIICO Tonk Road, Jaipur-302 022	<a href="#">View Details</a>
INTERNATIONAL CONFERENCE ON INFORMATION TECHNOLOGY AND DIGITAL APPLICATIONS (ICITDA)	April 3 <sup>rd</sup> to April 4 <sup>th</sup> , 2020	JECRC Campus, Shri Ram Ki Nangal, via Sitapura RIICO Tonk Road, Jaipur-302 022	<a href="#">View Details</a>
INTERNATIONAL CONFERENCE ON SMART GRID POWER ELECTRONICS & RENEWABLE ENERGY (ICSGPERE)	April 3 <sup>rd</sup> to April 4 <sup>th</sup> , 2020	JECRC Campus, Shri Ram Ki Nangal, via Sitapura RIICO Tonk Road, Jaipur-302 022	<a href="#">View Details</a>
INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN CIVIL ENGINEERING FOR SUSTAINABLE DEVELOPMENT (ICETCESD)	April 3 <sup>rd</sup> to April 4 <sup>th</sup> , 2020	JECRC Campus, Shri Ram Ki Nangal, via Sitapura RIICO Tonk Road, Jaipur-302 022	<a href="#">View Details</a>

## Previous Conferences @ JECRC

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Other bookmarks

7<sup>th</sup> April 2018 and 7<sup>th</sup> April 2018. Venue for the conference is JECRC Foundation.

## 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 an 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.

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# College Broachers





JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

Approved by AICTE & Affiliated to RTU, Kota

# 21 Years of Academic Eminence

Years of Nurturing Talent



via RIICO, Shri Ram ki Nangal, Tonk Rd, Sitapura, Jaipur, Rajasthan 302022

www.jecrcfoundation.com

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JECRC BROCHURE 2021-22 | 3 / 25 | 63%

## JECRC Foundation

21 Years of Nurturing Talent

**A PIONEER IN HIGHER LEARNING IN THE STATE OF RAJASTHAN, THE JECRC FOUNDATION IS REDEFINING THE ACADEMIC SPACE WITH RESEARCH ORIENTED EDUCATION THAT PUTS EXCELLENCE ABOVE ANYTHING ELSE.**

JECRC Foundation through National Society for Engineering and Research Development is contributing significantly, since decades at the national stage with 22000 students and 2500 residential inmates. In addition to graduate and post graduate programmes the units of the foundation is transformed into research stations with a very strong research based programmes contributing research articles in international journals and filing patents.

It has got very strong corporate connect resulting into over 90% of students getting placed every year. Scores of funded projects are undertaken worth scores of rupees every year. There are several center of excellences and research centers such as makers club with 3D printers, CNC machines with CAD/CAM software, Cobase or CAD software, TANNER tools, SPSS software and so on.

There is a very strong Entrepreneurship Development and Incubation Centre resulting into big number of entrepreneurs and startups.

Almost all the students get the chance for National/International Internship training for six months during their studies.

The course curriculum of the University is updated six monthly through Board of Studies with academic excellence and industry experts.

With a strong base sports and games, students compete and win National/International awards. Through numerous clubs of the Foundation uplifts the technical skills, cultural activities and social responsibilities of every individual student.



JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE  
www.jecrcfoundation.com



JECRC UNIVERSITY  
BUILD YOUR WORLD  
www.jecrcuniversity.edu.in

Beating the Odds, Creating the Legacies!

35% FEMALE PLACEMENT

# 1994

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as on 25th May 2021 | for Graduates of 2021

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Indispensible Pillars of Placement



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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.

**D. Anti-Ragging Measures**

- a) 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.
- b) 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.

1. Warning and Reprimand
2. Fine
3. Warning and Fine
4. Deduction of marks in DECA marks
5. Withholding permission to participate in an activity or examination
6. Rustication from the College for a certain period
7. Reporting to police if the act falls under penal law
8. 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 Education College 5  
Banswari, Gurukul  
Tarak Road, Jodhpur 342001

**Principal**



JAIPUR ENGINEERING COLLEGE  
AND RESEARCH CENTRE

**HOSTEL RULES AND REGULATIONS**

**1. General**

- a) 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.
- b) Hostel facility may be provided to the students, who are of Jaipur only if spare capacity is available at the discretion of administration.
- c) 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.
- d) All residents of the hostel shall follow the hostel rules & regulations.
- e) 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**

- a) 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.
- b) 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.
- c) 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**

- a) 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.
- b) 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.
- c) Security charges of Rs. 5000/- will however be refunded after getting a no dues certificate from the Chief Warden/Warden.
- d) 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**

- a) 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.
- b) 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

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  
Jaipur Engineering College &  
Research Centre  
Tonk Road, Jaipur-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 card. 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  
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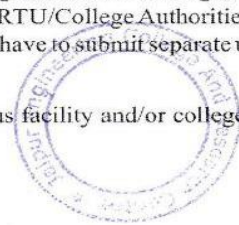
## TRANSPORT RULES & REGULATIONS

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 decide 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/hereself 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. Anit-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 gridlines 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







**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

**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.**

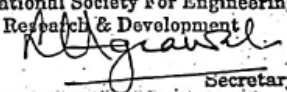
Session (2021-2022)

**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	<b>Current Assets</b>		
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
		<b>2,10,57,96,887.43</b>			<b>2,10,57,96,887.43</b>


For National Society for Engineering Research & Development

For National Society For Engineering Research & Development  
  
 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

UDIN: 2207162-7AWVJYV4191

**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		
	<b>40,22,81,613.14</b>		<b>40,22,81,613.14</b>

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  
UD IN: 22071627AWVJYV 4191

**NATIONAL SOCIETY FOR ENGINEERING RESEARCH AND DEVELOPEMNT**

**Schedule-1**

<b>Details of Reserve &amp; Surplus as on 31.03.2022</b>	
<b>Particulars</b>	<b>Amount</b>
Reserves & Surplus	1,03,34,74,607.90
	<u>1,03,34,74,607.90</u>

**Schedule - 2**

<b>Details of Secured Loans as on 31.03.2022</b>	
<b>Particulars</b>	<b>Amount</b>
Paisalo Digital Limited	14,96,42,870.00
	<u>14,96,42,870.00</u>

**Schedule-3**

<b>Details of Unsecured Loans as on 31.03.2022</b>	
<b>Particulars</b>	<b>Amount</b>
Unsecured Loans from Private Parties	75,62,32,048.51
	<u>75,62,32,048.51</u>

**Schedule - 4**

<b>Details of Current Liabilities and Provisions as on 31.03.2022</b>	
<b>Particulars</b>	<b>Amount</b>
<b>Duties &amp; Taxes</b>	
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
<b>Provisions</b>	
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
<b>Sundry Creditors</b>	
Jaipur Vidyut Vitaran Nlgam 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  
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Secretary



Hanuman Baiwa	48,900.00
IGEN Edu Solutions Pvt Ltd	19,800.00
Isha Stones	56,466.00
Jaipur Telematics 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/>	
<b>11,59,47,361.02</b>	

For National Society For Engineering  
Research & Development  
*[Signature]*  
Secretary



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									
Building	62,76,37,841.03	3,35,28,272.00	56,69,038.00		66,69,25,151.03	3.34%	13,45,95,690.31	1,84,81,212.00		15,30,76,902.31	51,37,48,248.72	49,30,42,150.72
Land	16,86,34,611.62				16,86,34,611.62	0.00%					16,86,34,611.62	16,86,34,611.62
Computer	3,01,48,841.83	6,51,308.00	7,08,810.00		3,15,08,959.83	16.21%	3,01,48,841.83	13,60,118.00		3,15,08,959.83	1,78,79,453.39	1,89,31,799.39
Furniture	3,99,73,845.12	1,14,450.00	9,73,539.00		4,10,61,834.12	6.33%	2,10,42,045.73	21,40,335.00		3,26,61,939.53	4,71,19,735.83	4,91,50,767.83
Other Assets	7,86,75,548.36	51,888.00	10,54,239.00		7,97,81,675.36	4.75%	2,95,24,780.53	31,37,159.00		1,39,68,652.22	21,08,293.35	38,33,952.35
Vehicle	2,16,22,613.57			55,45,668.00	1,60,76,945.57	9.50%	1,77,88,661.22	17,11,790.00	55,31,799.00	1,52,97,862.06		
Buses	1,52,97,862.06				1,52,97,862.06	9.50%	1,52,97,862.06					
<b>TOTAL</b>	<b>98,19,91,163.59</b>	<b>3,43,45,918.00</b>	<b>83,95,626.00</b>	<b>55,45,668.00</b>	<b>1,01,51,87,939.59</b>		<b>24,83,97,881.88</b>	<b>2,68,30,614.00</b>	<b>55,31,799.00</b>	<b>26,96,86,696.68</b>	<b>74,94,90,342.91</b>	<b>73,35,93,281.91</b>

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									
Building	33,13,47,676.54	-	-	33,13,47,676.54	-	3.34%	8,98,14,594.49	-	8,98,14,594.49	-	-	24,15,33,082.05
Land	1,75,58,240.00	-	-	1,75,58,240.00	-	0.00%	-	-	-	-	-	1,75,58,240.00
Computers	1,19,41,376.78	-	-	1,19,41,376.78	-	18.21%	1,19,41,376.78	-	1,19,41,376.78	-	-	81,55,802.39
Furniture	2,27,31,968.47	-	-	2,27,31,968.47	-	6.33%	1,45,76,166.08	-	1,45,76,166.08	-	-	1,38,94,067.25
Other Assets	2,53,02,246.98	-	-	2,53,02,246.98	-	4.75%	1,14,08,179.73	-	1,14,08,179.73	-	-	1,02,590.72
Road	13,11,913.64	-	-	13,11,913.64	-	9.50%	12,08,322.92	-	12,08,322.92	-	-	1,17,169.56
Bus	31,75,413.00	-	-	31,75,413.00	31,75,413.00	9.50%	30,58,223.44	1,17,189.56		31,75,413.00		28,13,60,971.97
<b>TOTAL</b>	<b>41,33,68,835.41</b>	<b>-</b>	<b>-</b>	<b>41,01,83,422.41</b>	<b>31,75,413.00</b>		<b>13,20,07,863.44</b>	<b>1,17,189.56</b>	<b>12,89,49,640.00</b>	<b>31,75,413.00</b>	<b>74,94,90,342.91</b>	<b>1,01,49,54,253.88</b>
<b>GRAND TOTAL</b>	<b>1,39,53,99,999.00</b>	<b>3,43,45,918.00</b>	<b>83,95,626.00</b>	<b>41,67,39,090.41</b>	<b>1,02,23,62,452.59</b>		<b>38,04,05,745.12</b>	<b>2,69,47,803.56</b>	<b>13,44,81,439.00</b>	<b>27,23,72,109.68</b>	<b>74,94,90,342.91</b>	<b>1,01,49,54,253.88</b>

For National Society For Engineering  
Research & Development

*(Signature)*  
Secretary



**NATIONAL SOCIETY FOR ENGINEERING RESEARCH AND DEVELOPEMNT****Schedule-6****Details of Deposits as on 31.03.2022**

Particulars	Amount
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**

Particulars	Amount
Advance Paid to Suppliers	5,00,000.00
Aaditya 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
Benefeet 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  
*Abhishek*  
Secretary



**NATIONAL SOCIETY FOR ENGINEERING RESEARCH AND DEVELOPEMNT**

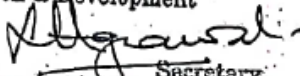
**Schedule-8**

<b>Details of Other Current Assets as on 31.03.2022</b>	
<b>Particulars</b>	<b>Amount</b>
TDS Receivable (Capital First Ltd.)	3,74,638.00
TDS Receivable	50,21,034.29
	<u>53,95,672.29</u>

**Schedule 9**

<b>Details of Cash in Hand and at Bank as on 31.03.2022</b>	
<b>Particulars</b>	<b>Amount</b>
<b>Cash at Bank</b>	6,423.20
Bank of India	30,10,707.03
HDFC Bank Limited	25,04,388.45
Punjab National Bank	22,707.48
ICICI Bank Limited	39,84,643.00
Cash in Hand	<u>95,28,869.16</u>

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Research & Development

  
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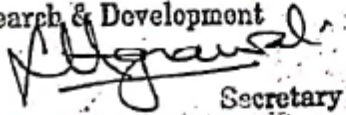




Details of Other Administrative Expenses

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
	<b>27,94,421.00</b>

For National Society For Engineering  
Research & Development

  
Secretary



## 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  
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Secretary



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**

*V. Agrawal*  
Secretary





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	12,45,599/-	NIL
6	2021-22	CE	15,50,000/-	NIL
7	2021-22	EE	11,30,000/-	1,000/-
8	2021-22	1 <sup>st</sup> 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



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)



JAIPUR 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

**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-June2022 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	3345	
		4. Industry visit / Guest lecture	50,000	645		
			= 6,50,000/-	Nil		
5	Co-Curricular Activity	Technical events + Co-curricular events	1,20,000/-	61778		61778
		<b>Total (Rs.)</b>	<b>09,20,000/-</b>	<b>168857.00</b>	<b>77029.00</b>	<b>91828.00</b>

Submitted for your kind Approval

  
**PRINCIPAL**  
 Jaipur Engineering College & Research Centre

  
**HOD BSE**  
 Head of the Department  
 Computer Science & Engineering  
 JECRC, Jaipur

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/-
		<b>Total</b>	<b>9,20,000/-</b>

Submitted for kind Approval

  
**PRINCIPAL**  
Jaipur Engineering College &  
Research Centre  
Tara Road, Jaipur-302022


  
**HOD CSE**  
Computer Science & Engineering  
JECRC, Jaipur

**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 <sup>nd</sup> International Conference on advance Material Science ,Communication and Microelectronics ICAMCM -2022		Registration Fees
5. Formula Zero		33298/-	Nil	1,59,300/-		
6. Drone Racing Championship			Curricular Activity	Registration Fees		
7. Technophilia						
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
	<b>Total</b>		<b>23,95,200</b>	<b>3,01,751</b>	<b>1,74,213</b>	<b>3,43,525</b>

\*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



**Jaipur Engineering College and Research Centre, Jaipur**  
**Department of Electrical Engineering**

Subject: Budget for session 2021-22

Proposal Budget for the session July 2021 - June2022 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"><li>• FDP /Workshop</li><li>• Guest lecture/Industry visit</li></ul>	20000	4650	4650	NIL

Submitted for your kind Approval.

  
PRINCIPAL  
Jaipur Engineering College &  
Research Centre  
Tarak Road, Jaipur-302012

  
HOD EE  
Head of the Department  
Electrical Engineering  
JECRC Jaipur

**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
		<b>TOTAL</b>	<b>1245599/-</b>	<b>205766</b>		

  
HOD  
Head of the Department  
Mechanical Engineering  
JECRC, Jaipur

  
PRINCIPAL  
Jaipur Engineering College &  
Research Centre  
Tonk Road, Jaipur-302022

**Grants received from Government and non-governmental agencies for research projects / endowments in the institution**

**(Session 2020-2021)**

<b>Grants received from Government and non-governmental agencies for research projects / endowments in the institution during 2021-22</b>								
<b>Percentage of Departments having Research projects funded by government and non-government agencies during 2021-22</b>								
<b>S.No</b>	<b>Name of the Project/ Endowments, Chairs</b>	<b>Name of the Principal Investigator /Co-investigator</b>	<b>Department of Principal Investigator</b>	<b>Year of Award</b>	<b>Amount Sanctioned (Lakhs)</b>	<b>Duration of the project</b>	<b>Name of the Funding Agency</b>	<b>Type (Government/non-Government)</b>
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.Vinita Mathur	ECE	2021 - 2022	0.93	5 Days	AICTE-ATAL	Government

## Consultancy

S.No	Faculty/Technician Name	Agency/ Company	Amount
1	Dr. M.P.SINGH	BABA AUTOMOBILE Ltd.	65000/-

## 10.4. Library and Internet

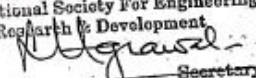
### Session (2021-2022)

**NATIONAL SOCIETY FOR ENGINEERING RESEARCH AND DEVELOPEMENT**

**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		
	<b>40,22,81,613.14</b>		<b>40,22,81,613.14</b>

For National Society for Engineering Research & Development

For National Society For Engineering  
Research & Development  
  
Secretary  
S. L. AGRAWAL  
(Secretary)

Place: Jaipur  
Date: 29.03.2022

As per our audit report of even date  
For Vimal Agarwal & Associates  
(Chartered Accountants)  
FRN: 004187C



  
(Vimal Agarwal)  
Partner  
M. No.: 071627  
UD IN: 22071627AWVJYV 4191



**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, Via-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  
*(Signature)*

Printed By : ae927181

**PRINCIPAL**  
Jaipur Engineering College & Research Centre  
Tonk Road, Jaipur-302022

Page 1 of 4

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

**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

*Anita*  
HOD, Library

**LIBRARIAN**  
Jaipur Engineering College  
And Research Centre  
Jaipur

Jaipur Engineering College and Research Centre  
Department of Library

Subject: Budget & Expenditure (1<sup>st</sup> 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 21/11/21  
LIBRARIAN  
Jaipur Engineering College  
And Research Centre, Jaipur



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
	<b>Total</b>	<b>8122</b>

  
**LIBRARIAN**  
Jaipur Engineering College  
And Research Centre  
Jaipur





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	-	-
<b>Total</b>	<b>6193</b>	<b>32622</b>	<b>35</b>	<b>11</b>

**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**

**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 # andWeb 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

*Anita 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**

<b>S.No.</b>	<b>Month</b>	<b>Books Return Student/Faculty</b>	<b>Total</b>
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**

**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
	<b>Total</b>	<b>11118</b>	<b>302</b>	<b>11420</b>	<b>19447</b>	<b>2241</b>	<b>21688</b>

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

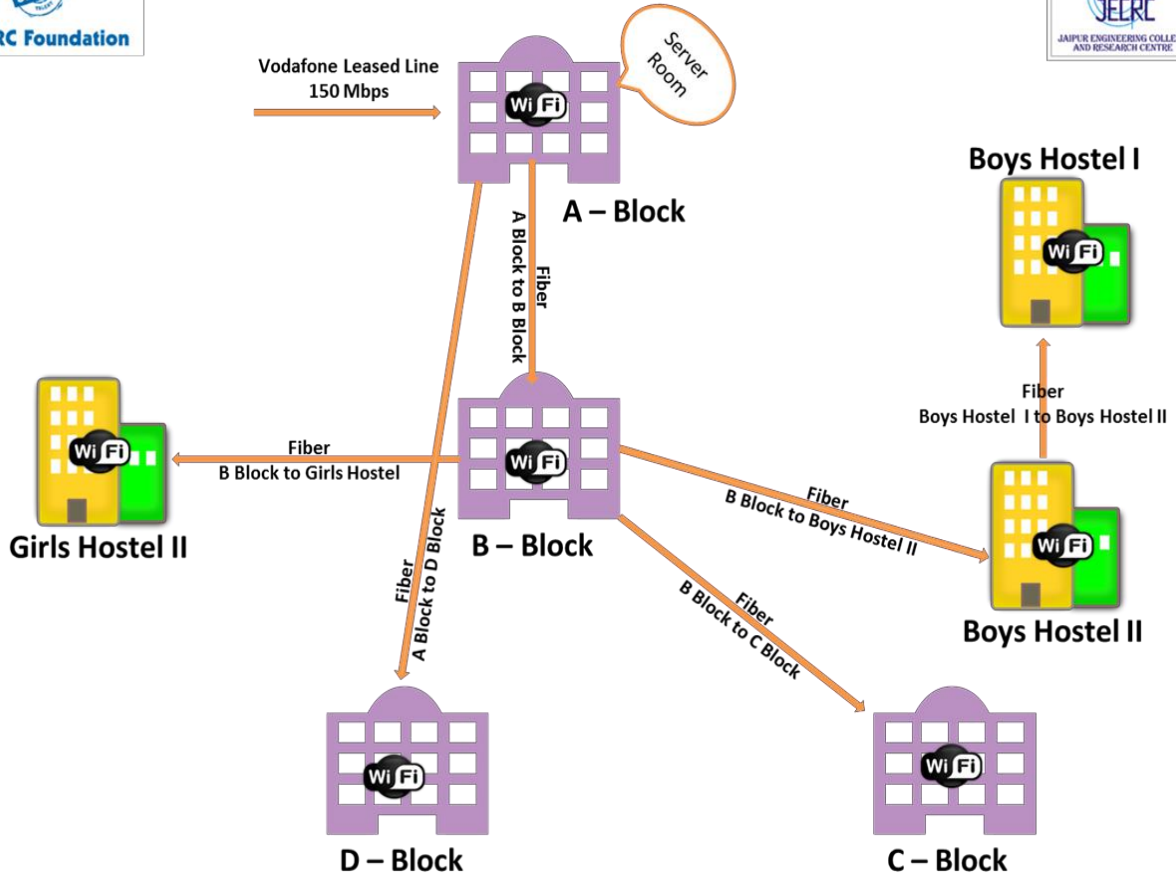
Internet access in labs, classrooms, library and offices of all Departments: YES

Security arrangements: Yes





# Jaipur Engineering College & Research Center, Jaipur



Network Diagram



Part C

Declaration by the Institution



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. Raw  
Signature & Name  
Head of the Institution with seal



Jaipur Engineering College and Research Centre  
Approved by AICTE & Affiliated to RTU  
JECRC Campus, Shri Ram Ki Mangal,  
Via Sitapura RIIICO, 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.

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.