Jaipur Engineering College & Research Centre

Tonk Road, Jaipur

Annual Report 2015-16

From : Principal Office	To : All BOG Members

Noting Reference No. JECRC/01/2015-16   22/06/2016

Minutes of Board of Governance Meeting

Venue: Board Room

Date & Time   June 18, 2016 at 11:00 AM

Agenda:

1. Confirmation of last minutes of meeting
2. College activities during the last academic year 2015-16
3. Proposed activities for the new academic year 2016-17
4. Any other issues with the permission of the Chair

Members Present:

1. Prof. Vinay Kumar Chandna (Chair)

2. Sh. Manish Jain, Member

3. Ms. Neelam Chaplot, Member

4. Dr. Naveen Hemrajani, Member

5. Sh. Yogendra Sharma, Member

Member Absent:

1. Sh. R.S. Jaimani, Member
2. Dr. Puran Mal Agarwal, Member

1. The chair welcomed all the members in the meeting.
2. The chair also discussed the agenda (Annual Report 2015-16) in detail, where in the key issues are to be discussed and planning for the same is also discussed for the session 2016-17.
   a. Vision and mission of the institute, that is finalized after discussion with HOD's, Faculty Members and other stakeholders.
   b. Graduate Attributes are the programme outcomes and issue related to programme specific outcome is to be finalized.
   c. Total strength of faculty members.
   d. Discussion on Course outcome analysis and improvements therein.
   e. Placement for the session 2015-16, shortcomings (if any) and corrective measures required.
   f. Industry interaction and planning for 2016-17.
   g. Achievement of students and faculty members.
   h. Research activity at JECRC other than programme specific.
   i. Reports of different departments.
   j. Curricular and co-curricular activities.
   k. Planning for 2016-17.
3. The chair presented the annual report (2015-16) to the members.
4. The vision statement and mission statement focuses on outcome based learning, interaction between institution-industry enhancement with more emphasis on technical workshops in association with IEEE, CSI and other professional bodies. Chair proposed to initiate student chapters of different professional bodies during the year 2016-17.
5. It is discussed that the programmes will not draft Programme Outcomes (PO's) and in case the programms are having specific activity that caters students in different area that is not covered in PO's, in such case Programme Specific Outcome (PSO) will be incorporated.

6. It is also informed that the rubric for the evaluation of PO's from Course Outcomes (CO's) and other tools is also finalized in discussion with the programme coordinators (PC's) and other senior faculty members.

7. The chair informed the members that during the selection process of the faculty members the number of candidate called for the interview were in the ratio of 1:6 for some programmes. Some senior faculty members are also selected and at present the faculty strength in the institute is :

Total Strength	Ph.D's	M.Tech	B.Tech
224	36	133	55
	Professors	Associate Professors	Assistant Professors
	21	8	195

Further, there is a need and also the requirement of Faculty members at Sr. position is always there and it is decided that the motivation of faculty members is very much required to pursue higher education. The faculty members will be encouraged to register and complete their Ph.D. so that they also be promoted to higher positions. The retention of faculty members are appreciated and the chair informed that the incentive scheme provided to the faculty members who will associate with JECRC will continue. The incentive scheme is generally applicable to the faculty members who complete their 3, 5 and 7 years of service respectively. The discussion is also held for the faculty members who will complete or has completed more than 10 years of service at JECRC.

It is proposed that for such faculty members different scheme will be introduced in due course of time.

8. The chair presented the Internal Quality Assessment measure that has been taken during the year 2015-16. The course outcome analysis, gap analysis, content beyond syllabus, lab maintenance, publication, co-curricular activities, moderation of internal papers, etc. are addressed.

9. Placement activities of the JECRC is discussed in detail as

   a. Campus Placement
   b. Outreach placement
   c. Govt. sector placement

   49 No of companies visited the campus and the details of the number of placement and offers made is presented in the annual report of 2015-16. Planning for Govt. sector placement initiative is under process. The average package offered to the students is the concern of the members. Steps are to be taken to induct more companies who offer more salaries. Team discussed the feasibility of making a team of students who will carry forward the placement activity in the campus.

10. The different companies visited by the students as part of industrial visit in different state, the institute-industry interaction was furnished through workshop organized in the department and also in association with NITTTR, Chandigarh. Industries are invited as part of the incubation centre activity and entrepreneurship development activity. Some of the initiatives has been taken by the students and the expected outcome will be discussed during the next meeting. The details of the workshops and events are enclosed in the annual report 2015-16. The achievement of faculty members and students is also discussed in the meeting. It is also discussed to motivate the students and faculty members to collaborate with industry to have industry sponsored / guided projects. Association of CSI /IEEE will be helpful in this interaction and steps will be taken in due course of time.

11. Spiritual laboratory in connection with DST is established under the guidance of Mr. Mukesh Agarwal.

12. The departments vision, mission, faculty contribution, summer training programmes, industrial visits, activities in the department, achievements of the students and faculty is discussed and also enclosed in the report.

13. The other activities related to social initiatives were discussed and included in the annual report.

14. Incubation centre activities are initiated in the year 2015-16 and good number of expert talks and associations were established. The rport of the same is also enclosed. It is also discussed that in the new building block-D an appropriate space will be provided for the same.

15. Team, discussed the steps that has been taken to aware the students about road safety measures.

16. Budget for the year 2015-16, 2016-17 has been discussed.

17. The meeting ends with vote of thanks and the next meeting will be scheduled during June-July 2017 and the dates will be communicated.

Prof. Vinay Kumar Chandna
Principal

Jaipur Engineering College & Research Centre

From : Principal Office	To : All BOG Members

Noting Reference No. JECRC/01/2015-16   18/06/2016

Board of Governance Meeting

Venue: Board Room

Date & Time   June 18, 2016 at 11:00 AM

Members present:

S. No.	Name	Signature
1	Dr. Vinay Kumar Chandna	V. Chand
2	Sh. Manish Jain	
3	Ms. Neelam Chaplot	Neelam
4	Dr. Naveen Hemrajani	
5	Dr. Puran Mal Agarwal	ABSENT
6	Sh. R.S. Jaimani	ABSENT
7	Sh. Yogendra Sharma	Yogendra

Jaipur Engineering College & Research Centre

From : Principal Office	To : All BOG Members

Noting Reference No. JECRC/01/2015-16/286   04/06/2016

Annual Board of Governance Meeting Notice

Academic year 2015-16 is already over and the new academic year 2016-17 is commencing from July 1, 2016. There is a meeting on June 18, 2016 at 11:00 AM in the Board room of JECRC to discuss the following agenda items –

1. Confirmation of minutes of the last meeting
2. Annual report of the College for the academic year 2015-16
3. Proposed activities for the new academic year 2016-17
4. Any other issues with the permission of the Chair

All are requested to be present in the meeting.

V.

PRINCIPAL

Copy to –
1. Dr. Vinay Kumar Chandna, Chairman
2. Sh. Manish Jain, Member
3. Ms. Neelam Chaplot, Member
4. Dr. Naveen Hemrajani, Member
5. Dr. Puran Mal Agarwal, Member
6. Sh. R.S. Jaimani, Member
7. Sh. Yogendra Sharma, Member

About JECRC

The pioneers in the field of education, The JECRC foundation established their flagship venture JECRC Engineering College and Research Centre in the year 2000. Within a span of 15 years it has been acclaimed as the best private college in North India. With the remarkable success that the college achieved within these years and its contribution to education, the management decided to serve the needs of the students by opening JECRC UDML in Kukas in the year 2007 and JECRC University in the year 2012.

JECRC ardently upholds the practice of self-learning and intellectual growth which are integral to education. JECRC a premier college for B. Tech in Rajasthan holds a commitment to offer the highest standards of education with the state-of-the-art infrastructure. The foundation has set up the best engineering colleges and nurtured the essence of growth in education with the prime focus being holistic development of the students. The foundation has well-qualified and experienced faculties, excellent management and infrastructure which ensures academic excellence and overall development of its students.

The year 2015-16 different magazines have ranked JECRC at position 8th in North India among private engineering colleges and 55th in India among Govt. & private together.

Principal's Desk

PRINCIPAL's MESSAGE

Jaipur Engineering College and Research Centre (JECRC) Jaipur is recognized as one of the best technical institute in Rajasthan and is adopting the process of change that demands quality outcome based education. The vision of the institute is to become an institute of Excellence in imparting outcome based education, providing facilities to the students to get placement in reputed companies, providing platform to the students for overall self-development that includes ethics, moral values etc. and develop 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 the student as they go through a course in each Semester and are being assessed against pre defined targets.

The Campus will soon have a video server where video lectures of all Undergraduate and Post Graduate Programs, delivered by the Professors from IITs and IIScs would be made available to the students 24x7 through a high-speed Wi-Fi Networking. This will create ample opportunities to learn the subject at their own pace on their Laptops and Smart phones.

All the credit goes to outstanding reputation and dedication of the Institute for all these years, under the able guidance of visionary Shri Arpit Agrawal Ji, Director of JECRC.

Here at JECRC, Jaipur, we are committed to impart necessary skills and knowledge to our students in best possible manner, in good spirit and in good environment by allowing them to dream big and help them to achieve the same.

Prof. (Dr.) Vinay Kumar Chandna

International Conference   10

Vinay Kumar Chandna, Sagar Narang, Yash Bansal, "Sleep Disorder Recognition using Wearable Sensor and Raspberry Pi", (IJCSIT) International Journal of Computer Science and Technologies, Vol.6(4), 2015, 3938-3942, ISSN 09759646

Mini S. Thomas, Vinay Kumar Chandna and Seema Arora, "Parametric Representation and Modelling of Indoor Broadband power Line Channel for Data TransmissionS" Jawaharlal Nehru University, New Delhi, India-110067 Day: 20, September 2015(Suinday), Proceedings in McGraw Hill Publication(TMH) and associated International Journals, ICIRESM-15.

Vinay Kumar Chandna, "Project Based Teaching-Learning a tool for Assessment of Graduate Attributes", 3rd IEEE International Conference on MOOC's, Innovation and Technology in education,(IEEE MITE-2015), October 1-2, 2015.

Prof. Vinay Kumar Chandna, "Course Outcome Assessment and Improvement on Weak Student", 3rd IEEE International Conference on MOOC's, Innovation and Technology in education,(IEEE MITE-2015), October 1-2, 2015, at AECT, Amritsar, Punjab.

Shallu Bassi, Dr. Vinay Kumar Chandna, Sangeeta Singh, "Analysis of Course Outcomes of HVE- A tool for Assessment of Programme Outcomes", 3rd IEEE International Conference on MOOC's, Innovation and Technology in Education,(IEEE MITE-2015), October 1-2, 2015, at AECT, Amritsar, Punjab.

Abhinav Saxena, Udit Mittal, Abhilasha pawar, Dr. Vinay Kumar Chandna, "Limitations and Improvement in the Assessment of Course Outcomes", 3rdIEEE International Conference on MOOC's, Innovation and Technology in education,(IEEE MITE-2015), October 1-2, 2015, at AECT, Amritsar, Punjab.

Dr. Richa Sharma, Dr. Vinay Kumar Chandna, "Innovative Approach to inculcate Essential Management Attributes", 3rd IEEE International Conference on MOOC's, Innovation and Technology in education,(IEEE MITE-2015), October 1-2, 2015, at AECT, Amritsar, Punjab.

Parveen P. Terang, Sanjiba Kr. Bisoyi, Dr. Vinay Kumar Chandna, "Weightage Factor Analysis between Programme Outcomes and Course Outcomes: A case study", 3rd IEEE International Conference on MOOC's, Innovation and Technology in education,(IEEE MITE-2015), October 1-2, 2015, at AECT, Amritsar, Punjab.

Sanjiba Kr. Bisoyi, Parveen P. Terang, Dr. Vinay Kumar Chandna, "174-Analysis of course outcomes of PE-A tool for assessment of Programme Outcomes", 3rd IEEE International Conference on MOOC's, Innovation and Technology in education,(IEEE MITE-2015), October 1-2, 2015, at AECT, Amritsar, Punjab.

Amit Kr. Roy, Gunjan Varshney, Dr. Vinay Kumar Chandna, "Learning through Modern Tools in Power Quality to evaluate Course Outcomes", 3rd IEEE International Conference on MOOC's, Innovation and Technology in education,(IEEE MITE-2015), October 1-2, 2015, at AECT, Amritsar, Punjab.

Vision and Mission of JECRC

VISION

- To become a renowned centre of outcome based learning and work towards 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.
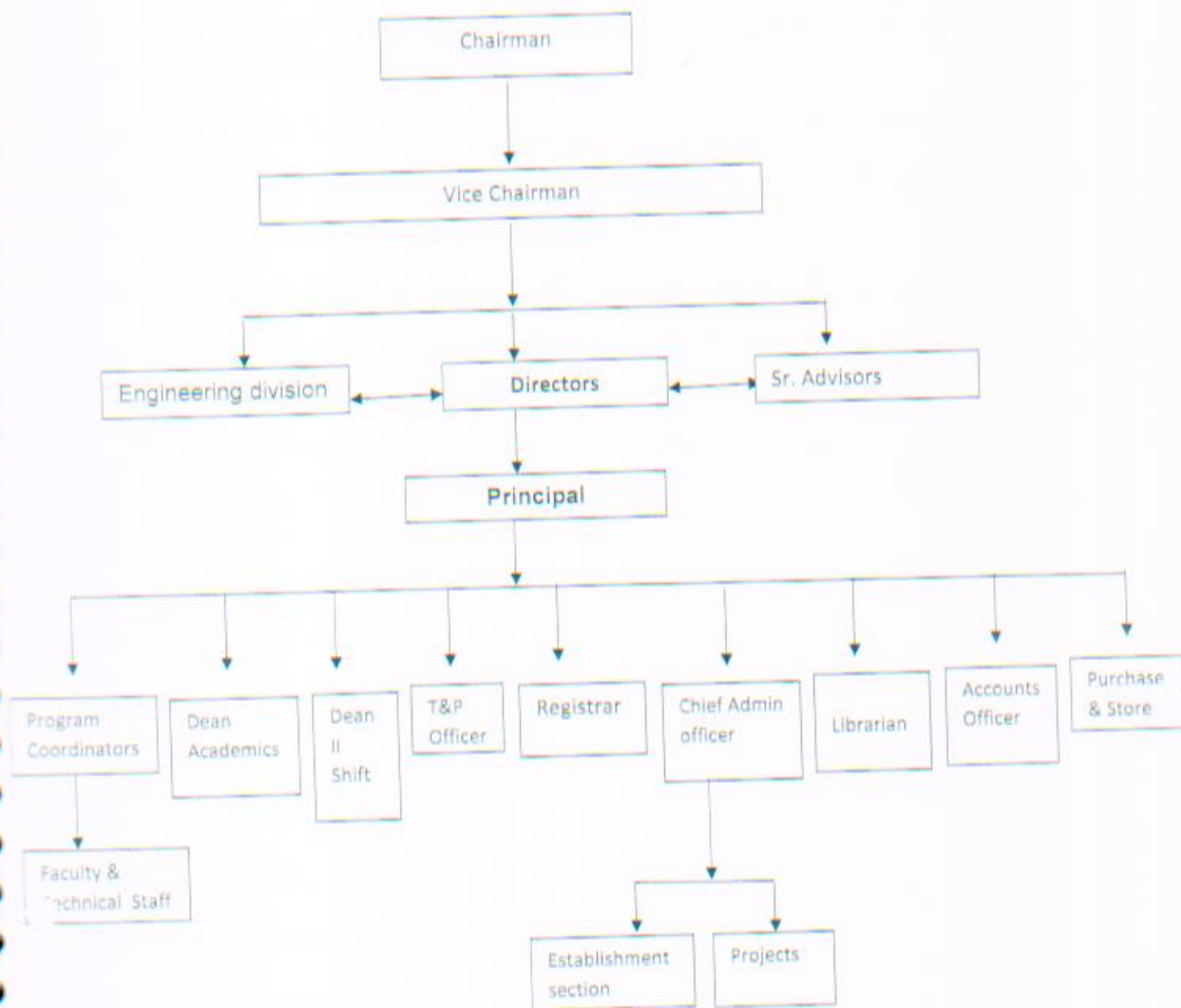
PROGRAMME OUTCOMES

Programme Outcome is Graduate Attributes. Graduates Attributes (GAs) form a set of individually assessable outcomes that are the components indicative of the **graduate's potential** to acquire competence to practice at the appropriate level. The Ga's are exemplars of the attributes expected of a graduate of an accredited programme. The institute is focusing on following Programme 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.

ORGANIZATION CHART

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Program Coordinators	Dean Academics	Dean II Shift	T&P Officer	Registrar	Chief Admin officer	Librarian	Accounts Officer	Purchase & Store

Faculty & Technical Staff (under Program Coordinators)

Establishment section and **Projects** (under Chief Admin officer)

Program Coordinators / HODs: Are responsible for administration and academic activities of their program / departments.

Dean (Academics): responsible for faculty development and research activities.

Registrar: Deals with admissions, registration and results of students and all other issues related to students and the Rajasthan Technical University.

Accounts: All issues related to student fees, budget and payment.

Establishment: Deals with all issues related to staff recruitment, increments, promotions, provident fund, gratuity and salary bills etc.

Head of Academic Program / Departments and Administration:

Program/Department/Section	Head
Dean II Shift	Prof. S.N. Jhanwar
Civil Engineering	Prof. S.K. Sur
Computer Science & Engineering	Ms. Neelam Chaplot
Electrical Engineering	Shri Atul Kulshrestha
Electronics & Communication Engineering	Dr. Lokesh Bansal
Mechanical Engineering	Shri Manish Jain
Information Technology	Dr. K.S. Raghuwansi
Dy. Dean – I Year	Shri Shiv Shankar Sharma
Physics	Dr. R.K. Mangal
Chemistry	Dr. Rekha Mithal
Mathematics	Dr. Ruchi Mathur
English & Humanities	Dr. Kalpna Vijay

Management & Administration	
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	Shri R.S. Agarwal
Librarian	Dr. Anita Jain
Sports Officer	Dr. Rajesh Sharma
Chief Hostel Warden	Shri P.K. Gupta
Office Superintendent	Shri R.P. Jain
Accounts Officer	Shri Sumit Agarwal
	Shri Sandesh Pathak

Quality Assurance Initiatives

COURSE OUTCOME ANALYSIS BY EACH DEPARTMENT

The institute has initiated a unique course outcome method which is in line with the NBA criteria of evaluation.

- Define outcomes for a subject.
- Establish relationship with program outcomes
- Evaluation of outcomes against pre-defined targets.
- Corrective actions for the students who do not meet the targets

Further discussions for upcoming semester

Internal Quality assessment:

1. As you are aware that Accreditation is mandatory for the institution to grow. We are also in the process of applying the Accreditation of all the programmes. The present process of accreditation is to evaluate the OUTCOME at every level instead of input/output based previous system. Some of the formats of corrective measures and evaluation of OUTCOME are as explained below. It is the responsibility of the HOD to implement the improved process in order to evaluate the outcome.

2. To improve the quality of teaching-learning there is a need to investigate the gaps in the present scenario and take necessary corrective action. The committee will investigate the documents provided by the concerned programme and will also provide corrective suggestions.

3. It is necessary to evaluate the outcome of every student against pre-defined targets and the students who do not meet the minimum criteria are termed as weak students.

4. These weak students are required to be mentored for different subjects in terms of extra class / assignment / solution of assignments.

5. Faculty members are required to solve last three year question papers in the class and also the assignments are to be provided based on the similar questions.

6. Faculty members are required to prepare their noted from prescribed reference books from the university.

7. All the students are required to appear for the internal examination MTT1 and MTT2.

8. Attendance based incentives are to be provided viz.

S. No.	Total Attendance	Marks
1	75% and above	5
2	70-74.99%	4
3	65 – 69.99%	3
4	60 – 64.99%	2
5	50 – 59.99%	1
6	Below 50%	Debarred in MTT

9. During Ist and IInd MTT students having less than 50% **attendance in the class** will be detained.

10. Students below 75% attendance (**attendance of class + extra-curricular + co-curricular + MTT + Medical (3%)** are to be detained from appearing in the external examination.

11. Every 15 days the attendance is to be compiled and the students having attendance below 50% are to be informed through notice boards. The similar information is to be communicated to their parents (in hard copy) and is also required to be received from the concerned student.

12. The attendance from the MTT examination, activities in the department, activities outside the department, students appearing inter-college competition etc. are to be included for the final compilation of the attendance. The minimum attendance for appearing in the final examination of RTU is 75%.

The role of the committee:

1. Gap Analysis: As per the modified NBA document page 2.1.2 the below mentioned analysis is required:

CAY

S. No.	Gap	Action taken	Date-Month-Year	Resource Person with designation	% of students	Relevance to POs, PSOs

CAYm1

S. No.	Gap	Action taken	Date-Month-Year	Resource Person with designation	% of students	Relevance to POs, PSOs

CAYm2

S. No.	Gap	Action taken	Date-Month-Year	Resource Person with designation	% of students	Relevance to POs, PSOs

Note: Please mention in detail whether the institution has given such inputs and suggestions to the affiliating University regarding curricular gaps and possible addition of new content/add-on courses in the curriculum, to bridge the gap and to better attain program outcome(s).

2. Content beyond syllabus: Planning is to be done before the start of the semester. HOD may pl furnish the details to the committee and to the undersigned.

S. No.	Content beyond	Action taken	Date-Month-Year	Activity / workshop / conference / invited talk, etc.	% of students	Relevance to POs, PSOs

3. Lab Maintenance: It is the responsibility of the HOD, Faculty members and technicians to maintain their labs. The minor repair of the laboratory set-up can be done in-house and the equipments those are not repairable are also to be reported in the format as below. The Monthly report is to be submitted to the committee and to the undersigned.

DEPARTMENT OF .... ENGINERRING

Status of Lab Maintenance

Sr. No.	Name of Lab	Name of Equipment/Kit	Make & Model No.	Problem/ fault	Repairing Status	Repairing Date	Component Required	Name of Lab Tech. & Faculty Members	Remark
1									
2									
3									
4									
5									

4. Conduct of classes format:

Syllabus Status / Academic Check List
1. Syllabus Status

Date

Week No.......   Department ....   Faculty Name ....

| Subject | Sem & Branch | Lecture /week | Lecture Taken | Status of Planned Lecture | Summary of Lectures/ Unit | % Average attendance | Syllabus Covered | | Adherence to Academic Plan | *Content Beyond Syllabus (Yes/No) | Remarks |
							%is20% per Unit	Unit Coverage			

* If yes then provide detail in Guest Lecture's table

2 Check List

S. No.	Subject	Unit Test	Assignment	Remarks

<div align="right">Signature of HOD</div>

5. Publication of faculty members

S. No.	Name of the Faculty member	Title of paper	Publication details	Date	SCI / ISSN / other recognition

6. Extra-curricular activities (department wise)

S. No.	Name of the activity	Faculty In charge	Date of activity	% of students	Summary of activity

7. Co-curricular activities (department wise)

S. No.	Name of the activity	Faculty In charge	Date of activity	% of students	Summary of activity

8. The committee will meet each faculty member of the department with his / her course file, notes, and interview the concerned faculty about his teaching-learning process and submit the report to the undersigned.

9. The department will do the analysis of the subjects and prepare the technical activities in accordance with content beyond syllabus. The content beyond syllabus and the activities are to be investigated by the committee.

10. Two sets of question papers of the MTT's are to be evaluated by **MODERATION** committee (one week before the start of MTT). The moderation committee comprises of HOD, Sr. Faculty members of the department and invited member from the committee. The moderation of the paper as suggested by the committee will be incorporated in the paper and the paper setter will come to know the changes on the day of the paper. The moderation committee will comprise of the faculty members who are not teaching the subject.

Note: Its is the duty of the concerned moderation committee member to get the Xerox of the final papers.

S. No.	Paper	Paper Code	Moderation Required Q. No.	Suggestions

Signature of Moderator-1   signature of Moderator-2   Sign. Of HOD

NOTE: The faculty member will submit the lecture plan, syllabus covered, syllabus and sample university paper to the Moderation committee (returnable)

11. After the MTT the faculty member will display the solution of the question paper along with the step marking on the notice board. Few students of the class will go through the evaluated copies as per the step marking provided by the faculty member and in case of any deviation will report the same. 20% copies are to be evaluated by another faculty member and in case on variation of more than 10% in each copy, all the copies are to be re-evaluated. The above mentioned report is to be submitted to the Internal Quality assessment committee.

Re-Evaluation Summary: Subject: Code: Faculty Member:

The below mentioned table is to be filled for the students having change in marks.

S. No.	Marks by Faculty Member	Re-evaluated marks by student	Re-evaluated marks by another faculty member	Remarks

Signature of Faculty   Signature of Another Faculty   Signature of HOD

12. The attendance summary and the marks obtained by the student is to be displayed on the notice board within 7 days after the completion of MTT and the same is to be submitted to the Principal office through HOD.

Subject   Code   Semester   Faculty   Coordinator

S. No.	Name of the student	Subject	Code	Classes held	Classes attended	MTT Attendance	Co-curricular activity participation	Extracurricular activity participation	Medical certificate (3%)	Final %age attendance	Marks obtained

Signature of HOD

13. List of the weak student is to be displayed on the notice board and extra classes & assignments are to be engaged after 3.00 pm and also submit the report to the committee.
14. Final list of detained students along with the supporting documents are to be submitted to the committee.
15. The department must communicate the low attendance to the parents of the students and also take a receiving from the students (Before MTT).
16. The final detained list is to be prepared by the department for the students having attendance less than 75% along with the supporting documents as:

Subject   Code   Semester   Faculty   Coordinator

S. No.	Name of the student	Subject	Code	Classes held	Classes attended	MTT Attendance	Co-curricular activity participation	Extracurricular activity participation	Medical certificate	Final %age attendance

17. List of files are to me maintained in the department:

    a. NBA accreditation reports of the past visits, if any
    b. Department budget and allocations (last 3 years)
    c. Admission – seats filled and ranks (last 3 years data)
    d. List/number of students who cleared the program in 4 years (last 3 years data)
    e. Average Grade point (CGPA) (last 3 years data of students' CGPA/percentage)
    f. Placement higher studies data (last 3 years)
    g. Professional society activities, events, conference organized etc.
    h. List of students' papers along with hard copies of the publications; professional society publications/magazines etc.
    i. Sample best and average project reports/thesis
    j. Details of faculty student ratio
    k. Faculty details with their service books, salary details, sample appointment letters, promotion and award letters/certificates
    l. Faculty list with designation, qualification, joining date, publication, R&D, interaction details etc.
    m. List of faculty publications along with DOIs and publication/citation details
    n. List of R&D and consultancy projects along with approvals and project completion reports
    o. List and proofs of faculty interaction with outside world
    p. List of class rooms, faculty rooms etc
    q. List of program specific labs and computing facility within department
    r. List of non – teaching staff with their appointment letters etc.
    s. List of short-term courses, workshop arranged and course-modules developed
    t. Records of new program specific facility created, if any
    u. Curriculum, Pos, PEOs, Mission and Vision statements
    v. Mapping of outcomes with PEOs
    w. Mapping of course outcome with program outcomes
    x. Course files, plan of course delivery, question papers, answer scripts, assignments, reports of assignments, project reports, report of design projects, list of laboratory experiments, reports of laboratory experiments etc.
    y. Rubrics developed to validate the Pos
    z. Continuous improvement in PEOs
    aa. Improvement in curriculum for mapping Pos and PEOs
    bb. Direct and indirect assessment to show attainment of POs
    cc. Stake – holders involvement in the process of improvement of PEOs and POs

Placements at a glance during the year 2015-16

The Foundation has set an exemplary record in engineering placements with its students being chosen by industry leaders, year after year. Its 'Stand-alone Recruitment Drives', where leading business houses participate to test the mettle of the students of JECRC, have led to it being named among the best placement engineering colleges in India. Owing to its consistent performance in recent years, JECRC Foundation receives top-notch companies every year exclusively for recruiting its students. Thus it is getting closer to its pursuit of becoming the highest placement provider in India.

S. No.	Program	Number of students placed	No. of offers made
1	Computer Science & Engineering	114	173
2	Information Technology	60	82
3	Electronics & Communication	159	212
4	Mechanical Engineering	90	109
5	Electrical Engineering	35	42
6	Civil Engineering	34	36
	Total	492	654

Industry Interaction

Infosys Campus Connect Program

Program for value addition Infosys Offers courseware, methodology and educational experiences.

Tata Consultancy Services

JECRC stands accredited by Tata Consultancy Services for recruitment purposes.

.BM

JECRC provides a platform for students to extract benefits from various workshops & seminars on new technologies by World leaders. In one of the recent trainings, under the IBM Academic Initiative Program, IBM professionals trained the students in IBM DB2 v9 and RAD v6 free of cost exclusively for the students of JECRC Foundation.

Events & Workshops

- A blood group checkup camp was organized by students of Aashayein group in September 2015.
- An International Book Fair was organized on September 2015 where books of more than 50 publications were displayed.
- Regional auditions of Mood Indigo, Asia's biggest college fest were held at JECRC in October 2015.
- JECRC MUN 2016 was the fifth edition for the same in which over 200 participants from all around the country were present. The JECRC MUN 2016 presented 4 different committees UN GA-DISEC, UNSC, UNHCR and LOK SABHA. In this edition, Prof V.S. Vyas former director IIM Ahmedabad and Economic Advisor of Honorable Former Prime Minister Manmohan Singh enlightened us with his gracious presence.
- An interactive session with Major Gen. Dr. G. D. Bakshi was organized for students in October 2015.
- An interactive session with the "Metal King of India", Mr. Anil Agarwal, Chairman, Vedanta Resources Plc was organized in November 2015.

- The ideation feedback and social media contest under the Digital for Customer Engagement program of SAP, U.S. was organized exclusively for students of JECRC in November 2015.
- Mr. Abhishek Bachchan and the Jaipur Pink Panthers team were in JECRC for a promotional event of Pro-Kabaddi in February 2016.
- J Techtrix, a two day exhibition of projects of 1st Year students was held at JECRC in November 2015 where more than forty projects were on display.
- An interactive session for students by renowned motivational speaker Mr. Vijay Batra was organized in September 2015.
- Under our Alma Connect initiative an interaction of our students with our alumni Anurag Chawla and Vaibhav Bansal, both employed at TCS was organized in August 2015.

- Induction Day ceremony for the Batch 2015-19 was organized to welcome our new students in August 2015.
- The talent acquisition head, North India for TCS, Mr. Narendra Chandel visited JECRC to interact with students regarding the TCS Campus Commune Program.
- On the call of the Hon. Prime Minister, 1st International Yoga Day was celebrated at JECRC in June 2015.
- The two day Microsoft Digital India Summit which is a training session on Microsoft Technology was organized at JECRC in May 2015.
- The Infosys Campus Connect Program, an in-house summer internship imparted to our students thanks to our collaboration with Infosys was conducted in May 2015.
- The TCS Campus Commune registrations that enable students to participate in the various online contests conducted by TCS were carried out at JECRC in April 2015.
- The annual JECRC Foundation Blood Donation Camp was organized in October 2015 and 1751 units of blood were collected in a single day.
- A musical ensemble of Kabir's Dohe was presented by Mr. Vipul Rikhi of the Kabir project at JECRC in October 2015.
- A cleanliness drive was conducted by the student group SOCH of JECRC in March 2016 where Mr. Nirmal Nahata, Hon. Mayor, Jaipur Municipal Corp was the Chief Guest.
- A musical performance and interactive session by Mrs & Mr. Vinay Mahajan was organized at JECRC by the student group, Paarijat in March 2016 at JECRC.
- A three day Entrepreneurship Awareness Camp was organized at JECRC in association with DST in March 2016. The camp witnessed a registration of 300 students and a footfall of 12 eminent speakers from the start up ecosystem of the country.
- An interactive session was organized for students in March 2016 with Ms. Temsutula Imsong, known as the "Action Hero of Ganga's Ghats". She has been actively working for cleaning the ghats of Varanasi and has been recognized by PM Narendra Modi & many eminent personalities.
- A special performance was organized for students in March 2016 by renowned Kathak dancers, Devendra Sharma & Abhas Sharma. These dancers have performed in front of Barack & Michelle Obama at the U.S. and also at Rashtrapati Bhawan.
- Felicitation ceremony was held for the students of JECRC's live blood donation group Aashayein, who have saved more than 100 lives over the last one year by donating blood across various hospitals of the city. The Chief Guests for the ceremony Mrs. & Mr. N R Kothari.
- International Women's Day was celebrated by JECRC's social service group Suhasini on 8th March. A Nukkad Natak was presented by the students on this occasion to create awareness against female feticide.
- An interactive session with world's only HEXA CCIE + CCDE, Khawar Butt was organized for students in October 2015.
- A workshop was conducted by EDC JECRC on Entrepreneurship Skill Development in February 2016. The expert speaker was Dr. Pankaj Bharti from Entrepreneurship Development Institute of India, Ahmedabad.

- A two day workshop on "Implementation of logical operations in Software, Image Processing and GUI directly from industry experts, MATLAB, MATLAB projects & interaction with renowned Industry Experts" was held for students by IIT Mumbai and Techienest Jaipur in February 2016

Achievements (Students and Faculties)

Students Triumph

The students of the Foundation zealously participate in various co-curricular activities, organised at the national and international levels. They have participated in numerous events organised by institutes of national repute and won laurels for our institutes.

- Priyanka Rahar, 4th Year, ECE, Batch 2015 was among the 3 women from Rajasthan selected as Flying Officer in Indian Air Force.

- Our students, Anshul Patni & Akshay Sharma were national winners of mobile technology innovation challenge in Amaethon 2016, the largest food and agro business summit in Asia Pacific held at IIM Ahmedabad in January 2016.

- Thirteen of our students selected as TCS Student Ambassadors were invited at TCS Headquarters, Noida for an orientation session in January 2016.

- Books titled "C-Programming" and "Information Security Systems" were authored by Prof. Gajendra Sharma of Computer Science Department.

- Akshay Sharma, 3rd year, Electronics & Communication, participated in Udaipur Start Up fest in "Social Enterprise Track" organized by CIIE (IIM Ahmedabad), RIICO and Start up Oasis at Udaipur during the month of February 2016 and was the 1st runner up.

- Among 400 participating institutions that included IITs & NITs, JECRC had 38, the highest number of students selected as the Microsoft Student Partners from any single organization.

- Two students of JECRC, Ankita Makwana of IT & Shilpa Swamy of Mechanical attained 2nd position in the RTU Merit List 2015 and were invited for the Convocation Ceremony.

- Bhawna Rajora from Electrical attained 3rd position in the RTU Merit List 2015 and was invited for the Convocation Ceremony.

- A team of students from JECRC was selected among the top 12 entries in the Ideate-National Level Business Plan competition in Rajasthan startup Fest organized by Rajasthan Government.

- Prof. K. S. Raghuvanshi has been invited as a reviewer in various International conferences to be organized in U.S. U.K., Japan, Lebanon & Poland in the year 2016-17.

- Mr. Bhuvnesh Bhardwaj, Ass. Prof. Mechanical has filed a patent on "apparatus and method for cleaning inner surface of hollow object" (file no. 4307/DEL/2015).

- An independent film "The Head of the Mouse", directed by Aditya J Patwardhan, a 2011 batch pass out of IT branch has won awards for best film and best cinematography at the Los Angeles Independent film Festival.

- A team of 10 students participated in the final round of SAE-Effiyan competition at LPU, Jalandhar during 15-17 October 2015 and stood 17th among 111 teams registered from all across the country.

- Subhash Rao batch 2015 student of Electronics & Communication successfully completed Naval Orientation Course at Indian Naval Academy and is currently serving in Indian Coast Guard as Asst. Commandant.

Research at JECRC

Principal Invesigator: Mr. Mukesh Aggarwal

Validation and scientific basis of "Meditation and Omnics to cure various diseases and their role as therapeutic targets" has been approved for Rs. Forty Five Lacs funding by Department of Science and Technology, Govt. of India. JECRC is developing a Meditation research lab which will help students and staff to work on physical and metaphysical aspects of human mind.

Department of Computer Science & Engineering

VISION

> To provide excellent technical education by imparting outcome based learning for emerging technologies in the field of Computer Science & Engineering and produce competent engineers with high ethical values prepared for life-long learning.

MISSION

> To provide high quality outcome based education technically competent and industry ready employees.
> To prepare our students to achieve placements in top IT companies while applying knowledge to provide
> turnkey solutions to national and international organizations.
> To inculcate technical, effective communication and team work skills to enable students to work in diverse environment.

Faculties of the Department-

S. No.	Name of Faculty	Qualifications	Total Publications		FDP/Workshop	
			National	International	Attended	Organized
1	Prof. Mukt Bihari	M.Tech	0	0	100	20
2	Mr. Mukesh Agrawal	B.Tech	2	3	12	30
3	Ms. Neelam Chaplot	M.Tech	3	7	14	7
4	Mr. Amit Mithal	M.Tech	1	1	9	3
5	Mr. Gajendra Sharma	M.Tech	1	0	6	20
6	Ms. Anima Sharma	M.Tech	1	3	3	0
7	Mr. Prashant Yadav	B.Tech	0	0	2	0
8	Ms. Shikha Maheshwari	M.Tech	1	5	13	12
9	Ms. Richa Sharma	B.Tech	3	1	4	2

10	Mr. Udbhav Bhatnagar	M.Tech	2	0	2	0
11	Ms. Hemlata Soni	M.Tech	1	1	4	1
12	Mr.Ranjeet Pandey	M.Tech	1	0	4	7
13	Abhishek Dixit	M.Tech	0	1	2	5
14	Prahlad Sharma	B.Tech	2	2	2	0
15	Vatan Mishra	M.Tech	1	1	1	0
16	Pradeep Sharma	M.Tech	0	1	2	0
17	C.Jeba Nega Cheltha	M.Tech	0	2	7	1
18	Shailesh Arrawatia	B.Tech	1	1	2	0
19	Sachin Gupta	B.Tech	2	2	1	0
20	Rajan Jha	M.Tech	1	1	1	0
21	Neha Bharti	B.Tech	1	1	2	0
22	Priyanka Verma	B.Tech	1	0	3	0
23	Arihant Kumar Jain	M.Tech	0	2	3	0
24	Geetika Gautam	M.Tech	0	1	2	0
25	Abhilasha	M.Tech	0	1	1	0
26	Richa upadhyay	M.Tech	1	1	3	0
27	Sarita	M.Tech	2	1	1	0
28	Seema Yadav	M.Tech	0	1	2	0
29	Deeksha Mathur	M.Tech	0	2	2	0
30	Ankur Raj	M.Tech	0	4	2	0
31	Priya Gupta	B.Tech	0	3	2	0
32	Shashikant Singh	M.Tech	3	0	2	0
33	Vijay laxmi sharma	M.Tech	1	0	3	0
34	Ankita Agarwal	M.Tech	0	5	6	0
35	Geerija lavania	M.Tech	2	1	2	0
36	Kirti Choudhary	M.Tech	2	5	3	0
37	Mohit Jain	M.Tech	0	1	0	0

Faculty Development Programs and Achievements

- An ICT based Cloud Computing Workshop from 12 -16 Oct 2015 by NITTR Chandigarh was organised.
- A seminar on Value Crisis among Youth was organised by Gayatri Parivar on 28 Oct 2015.
- An MOU was signed in 2005 with Infosys Campus Connect having a total of 15batches till date.
- A DST Funded Project "Validation and Scientific Basis of Meditation and Omnics to cure various diseases and their Role as Therapeutic Targets" by Mr. Mukesh Agrawal (PI), Ranjeet Pandey(CO-PI),Ms.Ekta Meghnani (CO-PI) and Ms. Chitra Khandelwal (JRF)amountingRs 42,56,400 has received an amount of Rs 22,20,00.

Publications by Faculties

- Ms Neelam Chaplot's paper entitled "Predictive Approach of Case Base Reasoning in Artificial Intelligence: In Case of Astrological Predictions About famous Personalities" is published in ICTCS 2016.
- Ms Neelam Chaplot's paper entitled "Predictive Approach of CBR in Artificial Intelligence : A Case of Astrological Predictions About the status of person" ispublished in Com Net 2016 Proceedings by Springer.
- Ms Neelam Chaplot's paper entitled "Astrological Prediction for Profession Doctor Using Classification Techniques of Artificial Intelligence" is published in International Journal of Computer Application.
- Mr. Gajendra Sharma's paper entitled "Information Security Systems" is published in Ashirwad Publications.
- Mr. Arihant Kumar Jain's paper entitled "Digital Image Water Marking using Hybrid DWT-FFT Techniques with different attacks" is published in IEEE ICCSP-2015.
- Mr. Ankur Raj's paper entitled "Shadow Detection using DWT with multi-wavelet selection & user configurable variance parameter" is published in IJRITCC
- Mr. Ankur Raj's paper entitled "Scanned document compression technique" is published in IJRITCC.
- Mr. Prahlad Sharma's paper entitled "Page Ranking Algorithm Based on Hyperlinking Structure of the web" is published in IJRITCC.
- Ms. Richa Sharma's paper entitled "Contention Sensitive Routing Protocol for Adhoc Networks (CSRP) is published in International Conference ICRCWIP-15 Proceedings by Springer.
- Ms. Richa Sharma's paper entitled "A Variant to Enhance QoS in MANET" is published in National Conference ETICE15.

Workshops and Training-

S. No.	Activity	Date	
		From	To
1	Microsoft Certification Summer training Program in .NET	25-May	24-Jul
2	Microsoft Certification summer training Program in Android	25-May	24-Jul
3	Microsoft Certification summer training Program in Core Java	25-May	24-Jul
4	Microsoft Certification summer training Program in Advance Java	25-May	24-Jul
5	Microsoft Certification summer training Program in Embedded & Robotics with AVR Controller	25-May	30-Jun
6	PHP Training Program	13-Jul	25-Jul
7	Seminar by Mr. Khawar Butt (World's only hexa CCIE+CCDE cisco certifications)	7-Oct	7-Oct
8	Pre Placement training Program by FACE	12-Oct	14-Oct

EDC/IIPC Activities

Event	Venue	Expert	Date
Industrial Visit	Jaipur Rugs, AKS, Ball bearings, Deelux Wire & Cables, Om Tower	Mr. R.K. Gupta	12-Mar-15
Entrepreneurship Expert talk	EDC JECRC	Dr. Pankaj Bharti Entrepreneurship Development of India (EDI)	24-April-2015
Food Tech 15	MSME, Jaipur		19-September-2015
Entrepreneurial Development Program	EDC, JECRC	Dr. V.K. Arora	5 & 6 Oct 2015
Renewable Energy Tech-15	MSME, Jaipur	MSME-DI	19 December 2015
Entrepreneurship Skill Development	EDC JECRC	Dr. Pankaj Bharti Entrepreneurship Development of India (EDI) Ahmedabad	12 February 2016

Student Academics Achievements

- Atul Dada, Garvit Mittal, Ashish Poonia, Chitrangna Singh, Shubham Bansal, Aditi Parik and Vishnu Singh stood 1st in Robowar Ignus'15 held at IIT jodhpur from 18th-21st Feb 2015.

- Secure all top Three positions in Esclade prelims IIT Guwahati held in MNIT Jaipur (11th July 2015).

- 3rd in Robowar and secure 4th, 5th and 6th positions in esclade mains in Techniche'15(3rd-6th Sep 2015).

- 3rd in Maze Runner prelims techfest'15 IIT Bombay held in SKIT jaipur(4th oct 2015).

- Top 15th in all India teams in Maze Runner finals techfest'15 IIT Bombay (26th-28th Dec 2015).

- Piyush Menghani, 3rd Year presented a paper on "An Advance System for Emergency Vehicles based on M2M Communication" at International Conference on Electronics and Communication Systems.

  - Piyush Menghani, 3rd Year stood 1st in machine designing in Techniche, Tech Fest.

- Ayushi Khandelwal, Arpit Somani, Anshita Bhatia, Abhishek Galav, Lalit Singhal, Nitin Udawat, Ayushi Garg, Rakshita Mishra, Tushar Goyal & Rajdeep Gautam qualified the first round of Code Vita 2015.

Student Extra Curricular Activities:

- Aayush Dube 4th Year directed a Short Film "*In the Wind*"https://www.youtube.com/watch?v=UNacPjCEJJMandPoem in E-Fiction India Magazine.

- Chinmey Kumar and Ankush Kumar of 2nd Year were winners at Kautilya Institute of Technologyand YIT, Jaipur in a football tournament .

- Akshat Trivedi 2nd Year played Badminton Tournament at State level.

- Harshit Ranka 2nd Year secured 1st Position in Nukkad Natak at Jaipur Theater Festival.

Student Ambassador

- Udit Vasu 3rd Year, Akshit Goyal 3rd Year, Ankush Goyal 3rd Year and Aditya Kumar 4th Year are Microsoft Student Partners.
- Tarun Jain 3rd Year and Poonam Kumari 4th Year are TCS Campus Ambassadors.
- Rajdeep Gautam 4th Year is Top Coder Student Ambassador
- Shailesh Choyal 4th Year Hacker Rank Student Ambassador.
- Udit Vasu 3rd Year is Community Leader of Duck Duck Go.

Contributions at College Level

- Himanshu Kumar Singh 4th Year, has developed a Website For Department http://csedept.esy.es/
- Piyush Manghani and Vishnu Singh has developed a website for International Conference on Soft Computing in Engineering http://icsce.in/
- Piyush Manghani and Vishnu Singh has developed a website for Conferences at JECRC Foundation http://conferencesjecrc.in/
- Lokesh Devnani 3rd Year, Udit Vasu 3rd year and Rajdeep Gautam 4th yearhas developed a website for Renaissance-16http://jecrcreniassance.in/
- Bhuwanesh Pareek 4th Year is working on JECRC Alumni Chat Application.
- Chetan S. Rathore 4th Year is working with Technical Team for Campus Network.

Forthcoming plans

- Two day Workshop on Big data and Hadoop.
- Short Term Course for a week by NITTTR Chandigarh.
- International Conference on Soft Computing in Engineering in March 2017.
- S Techtrix Project competition for Final Year Students.

Department of Information Technology

VISION

> To establish outcome based excellence in teaching, learning and commitment to support IT Industry.

MISSION

> To provide outcome based education
> To provide fundamental & Intellectual knowledge with essential skills to meet current and future need of IT Industry across the globe.
> To inculcate the philosophy of continuous learning, ethical values & Social Responsibility.

Faculties of the Department

S.No	Name of Faculty	Qualifications	Publications		FDP/Seminars	
			National	International	Attended	Organ.
1	K.K Agrawal	M.Tech,MCA Msc,PhD	1	2	2	6
2	K.S. Raghuvanshi	M.Tech,PhD	2	27	4	3
3	Manju Vyas	M.Tech	2	2	5	3
4	Swati Vijay	B.Tech	1	2	3	
5	Sunil Jangir	M.Tech, PhD	5	8	11	2
6	Kusum Yadav	B.Tech, M.Tech	1	2	2	

7	Shilpi Charu	B.Tech, M.Tech	1	4	5	
8	**Kanishk Jain**	B.Tech, M.Tech	1	2	3	
9	Neha Jain	B.Tech		1	2	
10	Payal Sharma	B.Tech, M.Tech	2		2	
11	Piyush Gautam	B.Tech, M.Tech	2		2	1
12	Shweta Saxena	B.Tech, M.Tech			2	
13	Pallavi Singh	B.Tech, M.Tech			1	
14	Neha Mudgal	B.Tech, M.Tech				
15	Anuj Rai	B,Tech, M.Tech	1	3	2	
15	Preeti Sharma	B.Tech, M.Tech	4	3	1	1

DEPARTMENT'S ACHIEVEMENT

> Department of IT has started a Website www.conferencesjecrc.in,on which all details related to activities JECRC Foundation, like Conferences, Workshops, Seminars, FDPs are available.

> An ICT Based Faculty Development Program by NITTTR , Chandigarh on WIRELESS NETWORKS is organized by the Department during November 2015.

FACULTY ACHIEVEMENTS'

- Prof. K. S. Raghuwanshi, is invited for Special Session in "Third International Conference on Artificial Intelligence and Pattern Recognition (AIPR 2016)", during 19 to 21 Sep. 2016 at Lodz, Poland (Europe), organized by IEEEhttp://sdiwc.net/conferences/aipr2016/special-session/

- Prof. K. S. Raghuwanshi,is invited for Special Session in "The Forth International Conference on Technological Advances in Electrical, Electronics, and Computer Engineering (TAEECE 2016)", during 6 to 8 Sep. 2016 at Kuala Lumpur, Malasiya, Organized by SDIWC http://sdiwc.net/conferences/taeece2016/special-session/

- Prof. K. S. Raghuwanshi, is invited as reviewer for "2016 Universal Technology Management Conference (UTMC 2016)", May26-28, 2016 at Minnesota, USA, Organized by SDIWC.http://sdiwc.net/conferences/itmc2016/program-committees/

- Prof. K. S. Raghuwanshi, is a invited as Reviewer for "The Second International Conference on Big Data, Internet of Things and Zero Size Intelligence(BIZ 2016)", July 26-28, 2016 at Manchester, United Kingdom(UK) Organized by IEEE.http://sdiwc.net/conferences/biz2016/program-committees/

- Prof. K. S. Raghuwanshi, is invited as Reviewer for"Second International Conference on Electronics and Software Science", during 14-16 Nov 2016 at Takamatsu, Japan, organized by SDIWC.http://sdiwc.net/conferences/second-international-conference-on-electronics-and-software-science/program-committees/

- Prof.K.S. Raghuwanshi, is invited as Reviewer for "The Forth International Conference on Computer Science, Computer Engineering, and Education Technologies", during 26-28 April 2017 at Beirut Lebanon, Organized by IEEE.http://sdiwc.net/conferences/csceet2017/program-committees/

- Mr. Anuj Rai has attended a symposium named "INDIAN NATIONAL SCIENCE CONGRESS" at Mysore from 3rd january to 7th January 2016.

PUBLICATIONS BY FACULTIES

- Prof. K S Raghuwanshi's Paper "Expert system optimization for efficient training of artificial neural network in machine learning" accepted in "25th International Joint Conference on Artificial Intelligence" Organized By AAAI(Association for the Advancement of Artificial Intelligence), 9th to 5th July ,2016New York, USA.
- Mr.Sunil Kumar Jangir with Mr. Naveen Hemrajani has Presented a Paper titled Survey of Security Threats and Counter Measures in Mobile Ad-Hoc Networks in International Journal of Scientific and Engineering Research(IJSER)ISSN No. : 2229-5518 Volume : 6 Issue : 12Edition: December 2015
- Mr.Sunil Kumar Jangir with Mr. Naveen Hemrajani has Presented a Paper titled: " Evaluation of Black hole, Wormhole and Sybil Attacks in Mobile Ad-hoc Networks" in 2nd International Conference on Information and Communication Technology for Competitive Strategies" (ICTCS - 2016) Organized by ACM Chapter Udaipur,CSI Chapter Udaipur ,Pacific University Udaipur Duration: 4-5 March 2016.
- Ms.Payal Sharma has Presented Paper "Hybrid Single Sign On Protocol for Lightweight Devices" in 6th IEEE INTERNATIONAL Conference on Advanced Computing Conference IACC 2016Organized by IEEE Computer Society - India Council and S R K R Engineering College, Bhimavaram, Andhra Pradesh during 27-28 February, 2016

FORTHCOMING PLANS:

- Department of IT is organizing an International Conference on "Soft Computing in Engineering" during 2nd to 4th March 2017.

- Department of IT is working on opening of IEEE student branch in college.

STUDENTS' ACHIEVEMENTS

- Ankit Makwana , 2015 batch has secured second position in RTU Merit Listwith 83.86 %.

- Vasu Pancholi, SaurabhKumawat , Vishal Ash, Sourabh Phulwani as a team was selected in top 12 entries of Ideate-National Level Business plan competition in Rajasthan startup Fest organized by Rajasthan Government.

- Ayush Rawtani has participated in 10-15 MUNs till date and Got appreciation from almost all MUNs and now serves as a member of executive board "JUDGE"

- Shubham Ameta of 3 yr is very active in Theatre. He has recently played a character inSisakte pashan directed by Mr. Sartajnaraian Mathur production of Rang mastaane.

- Aditya Gupta stood 2nd in Varchas 15 annual sports meet at IIT ,Jodhpur 1st in RTU Clusters 2015 and selected in RTU university team.

- Sarabjot Singh winner(Chess Player) RTU Tournament-2015.

- Gunjan Singh, Ayush Rawtani were winners of JAIRANGAM JAN,2016 North Zone Dramatics Festival.

Department of Electronics & Communication

VISION

> To contribute to the society through excellence in scientific and technical education, teaching and research in Electronics and Communication Engineering to meet the needs of Global Industry.

MISSION

> To equip the students with strong foundation of basic sciences and domain knowledge of ECE, so that they are able to creatively apply their knowledge to the solution of problems arising in their career path.
> To induce the habit of lifelong learning to continuously enhance overall performance.
> Students are able to communicate their ideas clearly and concisely so that they can work in team as well as an individual.
> To make the students responsive towards the ethical, social, environmental and in economic context for the society.
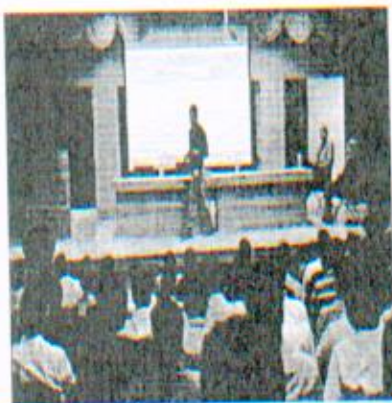
Faculties of the department-

S.No	Name of Faculty	Qualification	Publications		Conferences/FDP	
			National	International	Attended	Organized
1	S.S.Shekhawat	B.E,M.E,MS,IES(retd)			6	4
2	Lokesh Bansal	B.E,M.E,PhD	4	12	9	6
3	Shruti Kalra	B.E,M.Tech	1	3	6	4
4	S.S.Manaktala	B.E,M.Tech	1	1	8	4
5	Vinita Mathur	B.E,M.Tech	10	16	4	
6	Parul Tyagi	B.Tech,M.Tech	8	9	6	
7	Anil Jain	B.E,M.Tech	4		9	1
8	Ritu Vyas	B.Tech,M.Tech	4		2	
9	S.Chaturvedi	B.Tech,M.S			2	
10	Vikas Sharma	B.E. M.Tech	2		7	1
11	Neha Singh	B.Tech,M.Tech	6	4	4	
12	Shikha Gaur	B.Tech	3	1	6	
13	Honey Agrawal	B.E,M.Tech.			1	
14	V.Sharma	B.E	2		3	
15	R.K. Jain	B.E,M.Tech			2	
16	Jitendra Sharma	B.E M.Tech	1	1	4	1
17	Sandeep K. Dotiya	B.Tech			4	
18	Devendra Sharma	B.E.,M.tech			4	
19	Mangi Lal	B.Tech,M.Tech		2	5	
20	A.Kulshrestra	B.Tech,M.Tech	O2		3	1
21	Praveen.K.sharma	B.Tech		1	4	
22	Vikas Mishra	B.E,M.Tech			5	
23	Rakesh Kardam	B.Tech,M.Tech.		2	3	
24	Naresh Kumar	B.Tech,M.S		2	6	1
25	Anshul Gupta	B.Tech,M.Tech			2	
26	Katru Anand	B.Tech,M.Tech			2	
27	Ashutosh Sharma	B.E,M.Tech	6		2	
28	Sanjay Singhal	B.Tech,M.Tech		1	6	4
29	Ankur Gangwar	B.Tech,M.Tech		1	8	
30	Ashok Kumar	B.Tech,M.Tech			4	
31	Aruna Yadav	B.Tech,M.Tech			4	
32	Diksha	B. M.Tech Tech,			2	
33	Veenu kamra	B.Tech,M.Tech			2	
34	B.K.Kumawat	B.Tech,M.Tech			8	2
35	Lokesh.K.Sharma	B.Tech,M.Tech	2	1	5	2
36	Kritika Bansal	B.Tech,M.Tech	3	1	3	
37	Parindra Chauhan	B.Tech,M.Tech	1		4	
38	Swati Gaur	B.Tech,M.Tech	4	2	8	2
39	Deepmala Kulshreshtra	B.Tech			2	
40	Samiksha Yadav	B.Tech,M.Tech		2	2	1
41	Ragini Khandelwal	B.Tech,M.Tech		1	4	
42	Shivam Upadhyay	B.Tech	4	6	3	

Faculty Development Program

- An STC on Microprocessors and Microcontrollers was organized on 16th Sep 2015.
- An STC on VLSI Design was organized from 5th - 9th Oct. 2015.
- An STC on Introduction to Embedded systems by NITTR was organized from 8th – 12th Feb 2015.

Student Achievements and Development Programmes

- 95 students of third Semester went on an Industrial Tour to Jaybee Industries Chandigarh from 27th-30th Oct.2015.
- Veerangana Chaurasia, II Year Presented a paper AAGMA at Centre for Converging Technologies, University of Rajasthan and Won 2nd Runner Up Position
- Saurabh Barthwal's (2nd year) paper entitled "Electronic & Communication Systems" was selected by IEEE for an International Conference to be held at Coimbatore on25th-26 Feb.2016
- Mayank Arora & Kapil Gupta of III Year, Won third prize In ROBOWAR, held at IIT Guwahati, from 4-6thSept.2015.
- Mayank Arora & Kapil Gupta of III Year, participated in Escalade Prelims at IIT Guwahati, from4th-6th Sept.2015 and won all the three top positions.
- Akshay Sharma of III year, participated in E -summit (pitch your product) at IIT Kanpur in Oct.2015 and were among the Finalists.
- Adtya Agrawal participated in Indo Pak Peace Conference, on Kashmir Conflict, at LNMIT Jaipur.
- Suchita Sharma,Shalini Agrawal,Shubhi Jain &Veerangana participated in a Robotic event, in LNMIT Jaipur in January2016.

- B.Tejasvini& Saurabh participated in Robotics event in IIT Mumbai
- Saurabh Barthwal, student of III year, also a member of "Xananoides" Club took 40 sessions with the first year students to impart awareness about Basic Robotics.

- Akshay Kumar, of II year participated in Udaipur Start Up Festival "Social Enterprise Track" organized by CIIE (IIM Ahmadabad) RIICO and start up Oasis at Jaipur.
- Akshay Kumar & Anshul Patni of III year participated in Amaethon-2016 held at IIM Ahemadabad supported
  by Ministry of Agriculture And Farmer Welfare.
  Krishna Kumar Sharma, Manish Kumar Sharma & Rajat Pareekh participated in a One Day Workshop at JNU on 28th-30th January-2016.
- Aditya Agrawal participated in Techfest-16 organized In IIT Mumbai.
- Saurabh Barthwal, a student of III year presented a project on "Extreme Helping Hand With Image Processing" in R&D Dept.VIT Jaipur, on 15th Sept.2015, and won II Prize.
- The EC Department's Cricket team was the winner at IIT Jodhpur.

Department of Mechanical Engineering

VISION

> The Mechanical Engineering Department strives to be recognized globally for excellent technical knowledge and to produce quality human resource of high standard, who can manage the advance technologies and contribute to society through innovation, entrepreneurship and leadership.

MISSION

> To impart highest quality technical knowledge to the learners to make them globally competitive Mechanical Engineers.
> To provide the learners ethical guidelines along with excellent academic environment for a long productive career.
> To promote industry institute linkage.

Faculties of the Department

S. No.	Name	Qualification	Publication		FDP	
			National	International	Attended	Organized
1	Mr.Manish Jain	B.E., M.Tech.,	15	0	5	1
2	Mr. Lalit Kumar Sharma	B.E., M.Tech.	16	2	4	0
3	Mr. Rajendra Kumar Gupta	B.E., M.Tech.	4	1	1	0
4	Prof. R. Gobindraj	B.E.(Hons), PGDIE, MBA	0	0	4	0
5	Mr. Kuldeep Sharma	B.E., M.Tech.	4	0	4	0
6	Prof. R.O. Rustagi	B.Sc.(Engg., M.E.), MBA	0	0	1	0
7	Mr. Aashish Nagpal	B.Tech., M.Tech.	2	0	1	0

8	Mr. Nikhil Jain	B.Tech., M.Tech.	1	1	1	0
9	Mr. Dayal Singh Rathore	Dip., B.Tech., M.Tech.	0	0	1	0
10	Mr. Hukam Chand Nagar	B.Tech.	1	0	1	0
11	Mr. Akhil Vijay	Dip., B.Tech.	3	0	1	0
12	Mr. Ravindra Singh Yadav	B.Tech.	0	0	1	0
13	Mr. Ravi Yadav	Dip., B.Tech.	0	0	3	0
14	Mr. Mount Mullick	B.Tech.	0	0	1	0
15	Mr. Pavan Gupta	B.E., M.Tech.	2	0	3	1
16	Mr. Devesh Sharan Pandey	B.Tech., M.Tech.	1	0	1	0
17	Mr. Abhishek Kumar	B.Tech., M.Tech.	2	1	1	0
18	Mr. Shailendra Sharma	B.Tech.	0	0	1	0
19	Mr. Dilip Prajapati	Dip., B.Tech.	0	0	2	0
20	Ms. Jyoti Verma	B.Tech., M.Tech.	1	0	1	0
21	Mr. Nitin Chhabra	B.E.	1	0	1	0
22	Mr. Ravi Jangid	B.Tech.	2	0	1	0
23	Mr. Jaydev Verma	B.Tech.	0	0	1	0

24	Mr. Jitendra Gupta	B.Tech.	0	0	2	0
25	Mr. Satyendra Kumar	B.E., M.Tech.	5	1	2	0
26	Mr. Sandeep Yadav	B.Tech., M.Tech.	2	0	3	0
27	Mr. Bharat Sharma	B.Tech., M.Tech.	1	0	1	0
28	Mr. Vipin Goyal	Dip., B.E., M.Tech.	2	5	20	2
29	Dr. Manish Shrivastava	B.Tech., MBA, M.ech., Ph.D.	8	3	5	0
30	Mr. Rishi Kumar	B.E., M.Tech.	1	1	2	0
31	Mr. Veerendra Kumar	B.Tech., M.Tech.	1	0	2	0
32	Mr. Gautam Anand	B.E., M.Tech.	0	0	2	0
33	Mr. Bhuvnesh Bhardwaj	B.Tech., M.Tech.	1	20	6	0
34	Mr. Md. Inzamam Ul Haque	Dip., B.Tech., M.Tech.	0	0	1	0
35	Ms. Nikita Agarwal	B.Tech., M.Tech.	2	1	1	0
36	Mr. Trivendra Sharma	B.Tech., M.Tech.	0	0	3	0
37	Mr. Tejendra Singh	B.E., M.Tech.	2	1	0	0

38	Mr. Ananya Chattree	B.Tech., M.Tech.	0	1	0	0
39	Mr. Satya Prakash Saini	B.Tech., M.Tech.	0	0	3	0
40	Mr. Sameer Chndra	B.Tech.	0	0	1	0

Students Achievements and Development Programs-

- Ankit Bhardwaj of VII semester has successfully completed 45 days summer internship from Sultan Qaboos University, Oman from 19 June to 07 Aug. 2015.
- A Team of five students from department participated in Virtual BAJA, SAE India 2015 at Chitkara University, Patiala on 11 July 2015.
- Sumit Gupta & Sunil Gupta (VII sem) successfully completed the Code vita contest conducted by TCS during 7-8 August 2015.
- Amit Modi(V sem) submitted a project in E-summit'15 at IIT Kanpur on 30 August 2015.
- Shubham Agarwal, Rohit Mehta and Ishan Swami (V sem) presented a presentation at Institution of Engineers, Jaipur titled "Engineering Challenges for Knowledge Era" on 13 Sep.2015.
- 94 Students from the department participated in SAE-North India student convention at SKIT, Jaipur on 10 Oct.2015.
- A team of five students participated in RC car competition at College of Engineering, Pune during 10-11 Oct.2015.
- A team of 10 students participated in the final round of SAE-Effiyan competition at LPU, Jalandhar during 15-17 Oct.2015 and stood at 17th place among 111 teams registered from across the country.
- 48 students IIIsem has undergone a short term practical training from companies/institute like:Renault, Nissan, CIPET,Hyundai andRajasthan Machinery Mart.
- Two students of V Sem. were selected in JECRC cricket team for a tournament held at IIT- Jodhpur on 29th Nov. 2015, where our team finishes at third place.
- Two students of III Sem. won the R P Varshney Quiz competition at Indian Institute of Metal, New Delhi.
- 5 Teams consisting of 2 members each, participated in Auto Quotient session- 7 at Arya college Kukas, Jaipur on 4th Dec 2015.
- 42 students of III sem. along with two faculty members went for an Industrial Visit to HMT, Ajmer on 17th Dec.2015.
- Mr. Siddharth Singh, Business Head-TechieNest delivered a talk on "Automatic Teller Medicine Machine" for III Sem. and V sem students on 29th Oct.2015.
- The Department has organized a 15 days training programme on *"Automotive Design and Development"* in association with Elite Techno Group during 8th Feb. to 22nd Feb. 2016 in which Forty Seven students have participated.

Faculty Development Program

➢ An ICT based short term training course was organized by department in association with NITTTR, Chandigarh on "Sustainability Development: Challenges & Opportunities" during 12-16 Oct. 2015.

Forthcoming plans

➢ Our SAE Collegiate club team Moonriders will be participating in: *Mega ATV Championship-2016* organize by AutoSports India at DLF Cyber City, Bhuvneshwar during 4-8 March 2016 and *Off Road Battle* organizedby Gautam Buddha University, Noida during 28-31 March 2016. The total cost of the project is 7.5 Lacs.

➢ The Department is organusing two faculty development programmes in association with NITTTR, Chandigarh and CETPA, New Delhi respectively.

➢ A two day workshop is planned for students during 14-15 March 2016.

Department of Electrical Engineering

VISION

> To emerge as a Center of Excellence in teaching in the area of Electrical Engineering and to serve as a valuable resource for society by promoting excellence and creativity.

MISSION

> To provide professional and ethical guidance to the students to make them employable.

> To improve quality of education through different quality improvement programs for faculty and students

> To encourage students to acquire practical knowledge through projects and participation in national and international events.

> To prepare our students for upcoming challenges of life through guidance for competitive examinations.
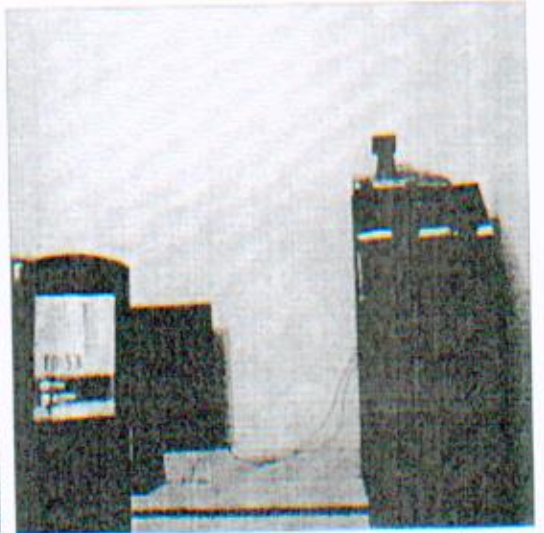
Faculties of the Department-

S. No.	Name of Faculty	Qualifications	Total Publication		FDP/Workshop	
			National	International	Attended	Organized
1	Mr. S. N. Jhanwar	B.E. , M.Tech.		1	3	2
2	Mr. Saurabh Kumar Gautam	B.Tech. , M.Tech.		3	4	2
3	Ms. Sonali Chadha	B.Tech. , M.Tech.	1		3	
4	Mr. Atul Kulshrestha	B.Tech. , M.Tech				
5	Mr. L. Senthil	B.Tech. , M.Tech.	2	1	6	
6	Ms. Bhawna Nidhi	B.Tech. , M.Tech.		3	4	
7	Mr. Amit Kukker	B.Tech. , M.Tech.	2	2	4	
8	Mr. Gopal Tiwari	B.Tech. , M.Tech.	1	1	8	11
9	Mr. Ram Singh	B.Tech. , M.Tech	5	3	9	11
10	Ms. Jisha Varghese	B.Tech. M.Tech.	4		3	
11	Ms. Manish Pal	B.Tech. , M.Tech.		1	2	
12	Mr. Vishnu Dutt Sharma	B.Tech. , M.Tech.			1	
13	Mr. Poonam Gupta	B.Tech. , M.Tech.	2		3	
14	Ms. Suman Devi	B.Tech. , M.Tech.	2		4	
15	Mr. Sunil Kumar Sharma	B.Tech. , M.Tech.			2	
16	Mr. Yusuf Sharif	B.Tech. , M.Tech.		2	2	
17	Neha Agrawal	B.Tech. , M.Tech.			2	
18	Nitin Bagoria	B.Tech. , M.Tech.			2	
19	Ms. Annima Gupta	B.Tech. , M.Tech.				

Faculty development programs

- An ICT based short term course on "NBA Accreditation and Quality Management" was organized by the department.
- An STC on Energy Conservation and Management was organized by the department.
- A workshop on Automation and Cloud Computing was organized by the department where the students were made aware of application of modern techniques as well as industrial experience.

Student Achievements

- An ATM protection System was developed by the students of EE Department.
- Kapil Bindal was Techrep for TECHNICHE IIT GUWAHATI 03/09/15 TO 06/09/2015. He also was winner in the event ESCALADE JAIPUR PRELIMS. He won 1st prize in Robowar at Ignus. IIT Jodhpur and got 2ND position in LUMOS , LNMIT.

Forthcoming plans of the Department-

- Industrial visit in March 2016
- One day workshop by HCL on automation in March 2016
- Automation workshop in April 2016 by CETPASTECTRIX in April 2016
- National Conference on Recent Technological Development in Electrical and Electronics Engineering (RTDEEE-2016) from 17th August 2016, in the college premises.

Department of Civil Engineering

VISION

> To become a role model in the field of Civil Engineering for the sustainable development of the society.

MISSION

> To provide outcome based education.
> To create a learning environment conducive for achieving academic excellence.
> To prepare civil engineers for the society with high ethical values.

Faculties of the Department

Name	Qualifications	Designation	Total Publication		FDP/Workshop	
			National	International	Attended	Organised
S.K. Sur	B.Tech	Professor			1	1
S.K. Saxena	B.Tech.	Professor			1	1
Anjana Punia	M.Tech.	Assistant Professor			3	1
K.K. Choudhary	B.Tech.	Assistant Professor			1	1
Monika Sharma	M.Tech.	Assistant Professor			1	1
Sumit Saini	B.Tech.	Lecturer			1	1
Amit Mittal	B.Tech.	Lecturer			1	1
G. Samrat PNS	B.Tech.	Lecturer			1	1
Madhusudan Ladna	B.Tech.	Lecturer			1	1
Kartik Chawla	B.Tech.	Lecturer			1	1
Manish Kumar	B.Tech.	Lecturer			1	1
Jitesh Kumar Jain	B.Tech.	Lecturer			1	1
Shaista Khan	B.Tech.	Lecturer			1	1
Shailendra Singh	B.Tech.	Lecturer			1	1
Deepali Verma	B.Tech.	Lecturer			1	1
Shilpa Thakur	B.Tech.	Lecturer			1	1
Rohit Singhal	B.Tech.	Lecturer			1	1

Faculty Development Program

- A faculty development program was conducted in the department in month of July 2015 which focussed on improvement of communication skills of the faculty members and knowledge of the current affairs.
- A presentation was conducted on the topic 'Seismic hazard in Nepal' and there was a group discussion on 'Should English be accepted as a global language or not'.

Students Achievements and Development Programmes

- Site visits were conducted for the students in all the semesters at Industrial Park Jaipur- Ajmer Road and D- Block Construction site of JECRC.
- Engineer's day was celebrated on September 15th 2015 where the students and faculty members shared their views on 'Engineering disciplines' and 'importance of Civil Engineering in present scenario'.
- On 27th Aug 2015, students presented papers on civil engineering material such as Aggregate, Cement, Soil and talked about various types, properties and tests performed for these civil engineering material.
- A seminar was organised in which all the 29 states of India were covered, and issues included climate change, emission of green house gases, transportation system etc were highlighted.
- An inter-branch Technical Quiz competition was conducted in the department on 9th October, 2015.
- A seminar was organized on "Cement and Concrete industry" by Ultra Tech cement for the students of third and fourth year.
- A workshop was conducted for final year students by PROMAC Advisors Pvt. Ltd on Primavera software on 15th Feb 2016.
- Debate on "Evaluation of water project on River Regime and Environment " was held in Feb 2016.

Forthcoming Plans

- Industrial tours and Site visits at RMC Plants, Road construction works, Building Construction sites, Sewage treatment plants etc are planned.
- World environment day will be celebrated on 5th June. Plantation will be done under this activity and a poster presentation competition on environmental issues will be held.
- Power point presentation competition for students on the topic "Scientific issues for Development of Nation" will be held on National Science Day on Feb.27, 2016.

Department of Physics

The Department of Physics offers course: Engineering Physics-I & II to impart high quality Physics education to engineering graduates at all levels by introducing latest curricula based on the present and future needs of engineering and technological education thereby strengthening the students with sound knowledge of basic concepts of Engineering Physics. The department has two well equipped labs with two committed and disciplined lab technicians along with a highly dedicated team of nine qualified faculty

Faculties of the Department-

Name of Faculty	Qualifications	Total Publication		FDP/Workshop	
		National	International	Attended	Organized
Dr. R K Mangal	M. Sc., M. Phil, Ph. D.	16	2	10	1
Dr S K Dixit	M. Sc., Ph. D.	2	2	4	-
Dr. Seema Pandey	M. Sc., Ph. D.	4	3	4	1
Dr. S L Jain	M. Sc., Ph. D.	-	7	2	1
Dr. Shivani Agarwal	M. Sc., Ph. D.	-	19	2	-
Dr. Ankush	M. Sc., M. Phil, Ph. D.	-	4	3	-
Ms. Priyanka Verma	M. Sc., M. Phil.	-	-	1	-
Mr. Manoj Pathak	M. Sc.	-	-	2	1
Ms. Sonia Jain	B.ech,M.Sc.	-	-	-	-

Faculty development Programs and achievements

- An ICT based short course on *'Recent Trends in Automobile Engineering'* was organized from 29th Feb – 4th March, 2016 by physics department JECRC JAIPUR in association with NITTTR CHANDIGARH.

- A working model of "Integrated Smart City" was displayed at JECRC Jaipur which was selected for presentation in state level exhibition which was organized by Government of Rajasthan from 13 Dec 2015 to 16 Dec 2015 at SMS investment ground, Ram Bagh Circle, Jaipur. Chief Minister of Rajasthan Smt. Vasundhara Raje inaugurated this exhibition.

- A Technical Project Exhibition (J-Techtrix 2015) with 50 projects by 260 students was organized for B. Tech. first Year students by the first year faculty members from Nov. 27-28, 2015 with the objective of 'Project base learning' (beyond the syllabus).

- Two expert lectures were arranged by the department, on renewable energy applications in India and Rajasthan on 20 Nov15. Dr. G R Singh Scientist 'F' & Director SADP, Ministry of new and renewable energy, New Delhi delivered a talk on non-conventional energy resources particularly on solar energy, bio energy and wind energy in India and Mr K C Soni Project Manager Rajasthan renewable energy corporation, shared his views on various renewable energy resources in Rajasthan and several undergoing projects in different parts of Rajasthan.

- National Science day was organized at S. S. Jain Subodh PG College Ram Bagh Circle, Jaipur on 27 Feb 2016 where our students participated and won in working model presentation as well as in quiz and debate competitions.

Forthcoming plans:

- The Department is going to organize a National Conference on Applied Sciences & Humanities in Engineering 2016 in September 9-10, 2016 at JECRC campus.
- Lectures on specific themes related to physics by external experts.
- Participation of the students in Project exhibitions at Jaipur, Rajasthan.

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DEPARTMENT OF CHEMISTRY

The department of Chemistry plays an important role in strengthening scientific Endeavour in the students. Distinguished faculty members provide an environment where the students of B. Tech. programs learn, explore and discover new chemistry. General areas include engineering, environmental, physical, organic, inorganic and analytical chemistry. The Department comprises of highly competent faculty members including two Professors, seven Assistant Professors and one lecturer. Each faculty is actively engaged in research and has published more than 84 research papers in reputed peer reviewed Journals and have also visited a number of institutions and participated/ delivered talks in seminar/ symposia / conferences.

Renowned laboratories are for B. Tech. students in campus. One laboratory assistant was selected and appointed in the department. For the modernization and up gradation of the syllabus of chemistry department a curriculum development workshop was organized in the department with several faculty members during last year's.

Faculties of the Department

S. No.	Name of Faculty	Qualifications	Total Publication		FDP/Workshop	
			National	International	Attended	Organized
1	Dr. Rekha Mithal	B.Sc., M.Sc., Ph. D.	4	7	13	1
2	Dr. Urmila Gupta	B.Sc., M.Sc., Ph. D.	14	11	8	1
3	Dr. Seema Joshi	B.Sc., M.Sc., PGDES, Ph.D.	4	Nil	7	2
4	Dr. Savita Agrawal	B.Sc., M.Sc., Ph. D.	10	Nil	20	Nil

5	Dr.Rajendra Sen	B.Sc., M.Sc., Ph. D.	4	Nil	2	Nil
6	Dr. Poonam Hariyani	B.Sc., M.Sc., Ph. D., NET, SLET	5	3	16	Nil
7	Dr. Vishnu Khandelwal	B.Sc., M.Sc., Ph. D., NET	Nil	7	13	Nil
8	Dr. Savita Sangwan	B.Sc., M.Sc., Ph. D.	3	9	21	Nil
9	Ms. Barkha Shrivastava	B.Sc., M.Sc.	2	1	12	Nil
10	Ms. Rekha Vijay	B.Sc., M.Sc.	Nil	Nil	2	Nil

Activities of the Department

➤ ICT based short course on *'Induction Training Programme'* was organized from 14-18 March, 2016 by the department of Chemistry at JECRC JAIPUR in association with NITTTR Chandigarh.

Forthcoming plans

➤ National Conference of applied sciences

➤ Industrial visit for 1st year students

➤ Faculty development program

Department of Mathematics

The Department of Mathematics provides an environment where students can learn and become skilled users of mathematics and its applications. The Department is committed to produce good engineers for the society with strong mathematical and logical approach. The Department is strengthened by its eleven member team having specialization in different areas of Mathematics. Nine of them are Ph.D.'s and each member has good number of publications in reputed peer reviewed national and international journals. Many books on various topics have also been authored by faculty members that include several text books of engineering mathematics.

Faculties of the Department

S. No.	Name of Faculty	Qualifications	Total Publication		FDP/Workshop	
			National	International	Attended	Organized
1	Prof. Umesh Kumar Pareek	M.Sc;M.Phil ;Ph.D.	3	3	2	1
2	Prof. M.L. Rawat	M.Sc;Ph.D.	6	Nil	Nil	1
3	Dr. Ruchi Mathur	M.Sc;Ph.D.	Nil	7	2	1
4	Dr. Alok Bhargava	M.Sc;Ph.D.	Nil	6	2	1
5	Shiv Shankar Sharma	M.Sc;Ph.D.	1	Nil	2	1
6	Dr.Smita Jain	M.Sc;Ph.D.	2	1	2	1
7	Yogita Panjabi	M.Sc.	4	2	2	2
8	Dr.Sarita Poonia	M.Sc;Ph.D.	Nil	8	2	1
9	Dr.Garima Agarwal	M.Sc;MCA; M.Tech	Nil	8	2	1
10	Dr.Pramila Vijaywargiya	M.Sc;M.Phil ;Ph.D.	2	7	3	1
11	Dr.Sunil Kumar Srivastava	M.Sc;Ph.D.	8	8	2	1

Activities of the Department

- An Aptitude workshop was organized by Department from 1st - 2nd April 2016.
  - A national conference of Applied Sciences ASHE dated 9th - 10th September 2016.

The Department of English and Humanities

The Department of English and Humanities with seven faculties at JECRC, Jaipur remains a top-ranked department in the college because of the strength and variety of its faculty publications in scholarly research, creative writing, pedagogical talent and soft skills. With the eclectic group of writers and literary scholars the department continues to reflect the innovation and creativity of the faculty members in various fields including research across the traditions of British, American, and World literary history.

The department offers students the skills of close reading, creative writing, literary interpretation, critical analysis, historical research, and rigorous, respectful debate. The renowned programs in creative and critical writing help students find their own voice while they learn how literature and language have influenced the values and lived experience of societies over the centuries and across geographical boundaries.

The department provides intensive mentoring to the students both in and beyond the classroom in a wide variety of forums. Ongoing lectures, symposia, conferences, and colloquia on interdisciplinary themes make up our Academic Calendar.

Over the period of time, the faculty members have developed the skill of 'withitness' which enhances their emotional competence. The faculty members are also skilled in knowing the students characters, interests and how to engage them in learning the topic. They are also equipped with self-efficacy confidence which enables them to promote students' learning and achieve instructional goals.

Faculties of the Department-

S. No.	Name of Faculty	Qualifications	Total Publication		FDP/Workshop	
			National	International	Attended	Organized
1	Prof. R.A. Vaish	PGDTE, M.A., B. A.	0	0	4	0
2	Prof. C.M. Choudhary	Ph.D, M.Phil, M.Com, PGDCll, M.A., B.A.				
3	Dr. Kalpna Vijay	Ph.D., B.Ed., M.Phil., M. A., B. Sc.	1	1	3	0
4	Dr. Kiran Shekhawat	Ph.D., B.Ed., M.Phil., M. A., B. A.	0	0	3	0
5	Ms. Pratima Dwivedi	M.A. (Eng.), M.A. (Sanskrit), B.Ed, B.A.	0	0	3	0
6	Ms. Prerna Srivastava	MBA (HR), Diploma in IT, M.A., B.A.	0	0	3	0
7	Ms. Archana Vijay	M. Com. (Eco, Pur.), MBA, Dip. (French Language), B.Sc.	0	1	3	0

Faculty Development Program-

> The English and Humanities Department of Jaipur Engineering College and Research Centre, Jaipur in collaboration with National Institute of Technical Training Teacher and Research (NITTTR), Chandigarh organized a five-day Integration Communication Technology (ICT) based online Short Term Course on Communications Skills from 22nd to 26th February, 2016 through video conferencing in the college.

Forthcoming Activities of the Department-

> Organizing Interactive Sessions with Mr. P.K. Tiwari Former DGP, for B.Tech 1st semester students.
> Organize the National Conference on *Applied Science and Humanities in Engineering, ASHE-2016* to be held from 9th to 10th September, 2016 by Applied Science and Humanities at JECRC, Jaipur.
> Arranging a Guest Lecture on the last Saturday of August for the students of B.Tech Sem I students.
> Quiz Competitions for Semester 1st students.

JECRC LIBRARY

Mission and Vision

The central library's mission is to provide comprehensive resources and services in support of the research, teaching, and learning needs of the University community. To fulfill this mission, the Library commits to:

- Build collections and create tools to support research and learning;
- Optimal use of available resources and services;
- Ensure the preservation and long-lasting availability of Library resources;
- Create attractive and comfortable physical and virtual environments for study, and research;
- Collaborate with faculty members and research scholars to enrich the collection & services.
- The Library ensures that its collections remain forward-looking, diverse in breadth and form, open to browsing, and of world-renowned quality.

The Central library of JECRC plays a very important and vital role in all academic & research activities. It is fully computerized by a web based Library management software "ALICE FOR WINDOWS" through which users can search their desired information at their own desktop such as availability of books, current status of their account, new arrivals.etc through web OPAC (Online Public Access Catalogue).

At present the Library is having good collection of reference sources like hand book, standard, manuals, encyclopedia, technical reports, project reports along with the prescribed text and reference books, and national & International printed journals. Apart from printed resources Library is also having non printed materials, CD ROMs, full text e-journals and e-books and the subscription to e-resources namely J-Gate. Library is also the member of DELNET (Developing Library Network) to avail inter library loan facilities among DELNET members through this network.

Library is also the member of NPTEL e-learning through online Web and Video courses in Engineering. Science and humanities streams. It is a joint venture of IITs and IIS and funded by Ministry of MHRD. The mission of NPTEL is to enhance the quality of Engineering education.

The Complete NPTEL resource on 8 TB hard disc will be available by the end of July-16 from IIT-Chennai and thus be available on intranet for students and faculty members of JECRC.

Library provides various services to its users like Book Lending Service, Reference Service SDI, Current Awareness Services, SMS Alert Service, Reprographic (photocopy) and Interlibrary Loan facilities to the students and faculty from 8:30 a.m. to 5:00 p.m.

Central Library manages knowledge, both in print and digital formats, ensures seamless discovery and access to these scholarly resources, and provides faculty, students, and staff with professional support to find, evaluate, manage, and use such resources. It provides high-quality ambiance for both reflective and collaborative work and study.

Library Books/CDs/DVDs Collection

Library has tried to build a strong collection of books in the area of science, technology, engineering, humanities, social sciences, etc. The collection has been divided in five sections namely Textbook Section, Reference Section, Reserve Section, General Section and Hindi Section.

The organization of the entire collections is given below:

S. No.	Section Name	Copies
1	Textbook Section	13708
2	Reference Section	1617
3	General Section	1150
4	Book –bank section	7043
	Total Copies	23518
Multimedia Section (CDs/DVDs) :		783

- A book exhibition was organized at Jaipur Engineering College and Research Center, Jaipur on 21&22 September 2015.

- Jaipur Engineering College & Research Centre's library successfully organized an event "Procurement of E-Books & Digital solutions" on 15th Feb'16.

JECRC Magazine

College magazine have their own importance and these are an important and integral part of the education system. College magazines reflect the identity of the educational institution through the writings of its students, staff and teachers as well.

College magazine gives the talented writers an opportunity to feel intently, observe keenly, think deeply and thereby express themselves in a distinct way. The college magazine plays a very important role in an educational institution as it channelizes the budding talented writers and helps in encouraging their writing skills by appraisal which inspires and motivates them o read and write much more.

Ms. Saguna Chaturvedi and Ms. Neelu Jain were given the opportunity to publish the JECRC Magazine in PDF format twice in a year i.e. in the month of July and January. This year it will be published in the month of July 2016.

CLUBS

Road Safety Club

Keeping in view the alarming number of road accidents, JECRC Foundation is fully conscious about the safety of the students and the faculty members. A Road Safety Club has been initiated to create awareness and counsel the students and instill safety precautions in the young minds. The club is headed by Shri Amit Agrawal (Chairman, JECRC University) and functions under the guidance of Dr. Vinay Kumar Chandna (Principal, JECRC College), Shri P.K. Gupta, Shri Manish Jain along with the team of two faculty member from each department and student volunteers. A renowned NGO "Muskaan" is also actively working in this field and is going to present major sessions on road safety in the foundation.

Major activities of the club are-

- Create awareness and counsel the students on the importance of road safety.
- The guards and the faculty members regularly check all those entering the college for helmets
- Checking the quality of the helmets being used
- It has been planned that Red Cross Society and Apex Hospital will be giving First Aid training to the student volunteers of this club

Women Cell

A Women Cell has been formed to look after the security and grievances of female staff and students as well as to work towards gender sensitization under the guidance of Vice Chairman, JECRC. This cell has been established as per the guidelines and instructions of AICTE, Govt. of India and RTU. This cell organizes informal talks, personal counselling, general interactions and lectures.

Objectives:

- To disseminate knowledge about rights and laws related to women.
- To create an environment of gender justice where men and women work together with a sense of personal security and dignity.
- To enhance the self-esteem and self-confidence of girl students, women faculty and staff in the Institute.
- To create awareness amongst students about the problems faced by women of all strata due to gender issues, especially the working women.
- To create a sense of responsibility in the students and have healthy study and work culture in the Institute.
- To foster decision-making ability in girl students for making informed choices in areas like education, employment and health.

Proposed Activities:

- Introductory workshop on Self Defense for female students and faculty.
- Creative writing competition for students on the topic "Women's Development as you see it."
- Celebration on Women's Day.
- Personal counseling to solve problems of female students and employees.
- With the support of National Commission for Women New Delhi a state level conference and awareness camp is to be organized soon on socio-legal and challenges of female feticide and infanticide in India.
- Participation at various places in the city for social work program organized for women by women societies, clubs, media and academic institution.

Following are the members of the women cell -

S. No	Name	Designation
1	Dr. Seema Joshi	Chair person
2	Dr. Anita Jain	Secretary
3	Ms. Neelam Chaplot	Member
4	Dr. Urmila Gupta	Member
5	Dr. U.K. Pareek	Member
6	Ms. Raj Pareek	Member
7	Ms. Ritu Vyas	Member

JECRC ALUMNI ASSOCIATION CELL

The JECRC Alumni Association Cell has been established with the prime objective of strengthening the Alma bonds with a larger perspective to inculcate a culture, where the Alumni and the present students of the college can interact with each other leading to an ecosystem of multi dimensional growth and future prospects. The Institution values relationships and our association with students is a lifelong bond.

The college organizes regular interactive sessions with the alumni and the present students on Entrepreneurship and grooming of the students to prepare them for the corporate challenges that confront them. The vertical, in this regard has organized several events and activities like various Alumni chapter meets at Bangalore, NCR and Dubai. These Chapter Meets have met with an overwhelming success. Sessions pertaining to campus Drives (both online and offline) have been a regular feature. Motivational Meets on Entrepreneurship were held in which the alumni familiarized the students about the advantages and challenges of an entrepreneurial venture.

During the annual fest of the college the alumni are specially invited to reconnect with the college and renew their bonds. This year witnessed an active participation of our Alumni in all the activities scheduled for them like Panel Discussions, hangout sessions and Treasure Hunt. Experiences of our old students currently stationed in USA, UK were recorded and their video clips were shared with the audience of Renaissance. It was an enriching experience for students as well as the Alumni. Many more initiatives are into the process for the growth of Alumni and Alma connects.

SPORT ACTIVITIES AT A GLANCE

The will to win a game, the desire to succeed, the urge to realize one's potential to the fullest is what motivates the students to pursue their passion for sports. It is not being better than someone else but about being better than oneself that drives the students to slog relentlessly on the field day in and day out. Sports not only enrich human personality but also instill confidence and a healthy competitive sprit among the students which is necessary to face the ever increasing challenges of modern life. JECRC foundation provides ample opportunities to the students to pursue their passion for sports of their choice, be it Cricket, Volleyball, Football, Badminton and indoor sports. All these sport activities are a part of the college curriculum. A variety of sports activities are conducted though out the year in JECRC. JECRC proudly presents its great initiation of girls sports by pre Renaissance event ATHLON, the girl's sports meet. It is a foundation level event and all the three colleges of the foundation including JECRC UDML and JECRC University actively participate in it. It was held on 16th March 2016.

The events started from the Inter Branch Sports Meet, followed by ATHLON(Girls Sports Meet),La Fabrica (Football League),Volleyball League 2K16, Badminton League '16 and at last JECRC Basketball League. Sports Meet was held from 15th October -18th October 2015.
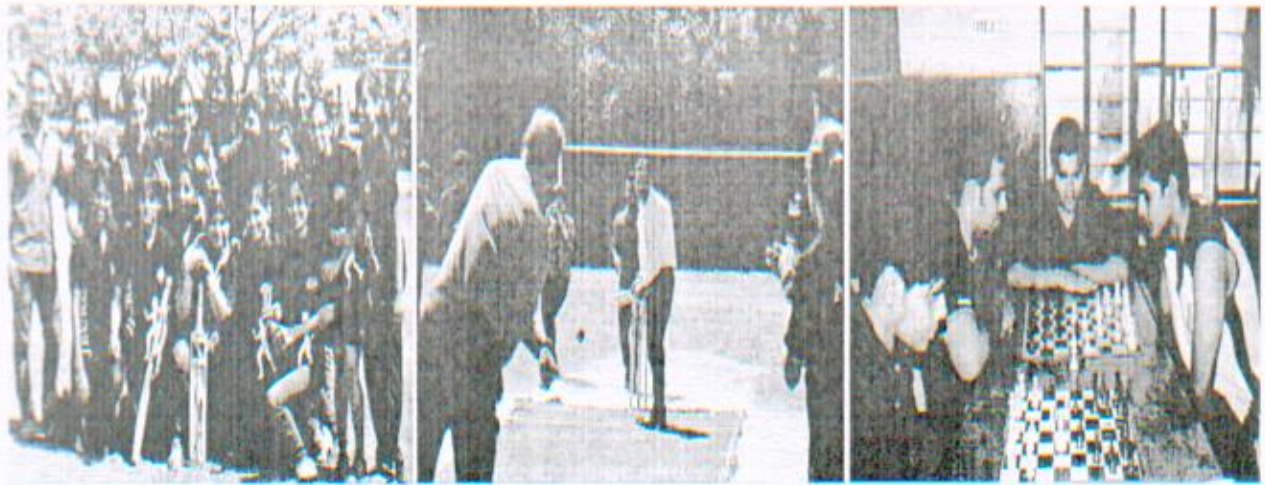
The major Sport events of the year are-

Sports	Auctioned on	Matches Dated	Winners
JECRCBasketball League'16	23rd April	12th May- 17th May 2016	Bethal Royals
JECRC Badminton League'16	22nd April	22nd April-25th April2016	Fusion Stars
La Fabrica	31st March	1st April-6th April 2016	The Inevitables
Volleyball League 2K16	5th April	6th -10th April 2016	The Smashers

The leagues are organized once a year in which managers buy the players in a fairly held auction. It motivates the players and gives them dedication to play and win the title.

Social Initiatives at JECRC

JECRC is the most preferred destination for all aspiring Engineering students. Widely known for its academic excellence, it is also recognized as an Institute which is incessantly endeavoring to fulfill its obligations towards the society. Success imposes certain additional social responsibilities on the college. The promoters of the college are fully conscious of their social commitments towards the needs of the underprivileged sections of the society. The Institution has a unique distinction of establishing several social service clubs, NGO's engaged in diverse fields trying to contribute for the social upliftment and thereby inculcating humane values amongst the students. Some of the socially active organizations in the college are "Zarurat"- working for educating the poor children, "Aashayein"- a club which is engaged in motivating and providing blood to patients when needed, "Soch"- an initiative which has championed the cause of Environment protection, cleanliness. "Suhasini" is a social group which is working in the field of saving the girl child. "Paarijat" is literary club working to rekindle the flame of learning among our students. All the above are student managed groups, are they learn while they work for society. A separate Women's cell has been working for the welfare of the girls and the women in the college since 2012.

ZARURAT

"Education is a debt due from the present generation to the future generations" with this view in mind seven students of JECRC started an NGO "Zarurat" with the primary objective of imparting elementary education to the children of nearby slum areas on November 20th, 2011.with an initial enrolled strength of six students Zarurat focuses on providing quality education to the less fortunate who do not have access to it. Along with academics Computer training and Sports are also emphasized so as to bring the children at par with other children of their age group and to enable them to face challenges of ever increasing competitive world. The hard work of JECRcian's bore fruit and the current strength of students is 200.The major activities of Zarurat include—

- Preparing students to face Jawahar Navodaya Vidyalaya (JNV) Exam from VI and IX Standards. Regular classes are conducted in the college campus for the deprived students. The teaching is done by the members of Zarurat family.
- An established Library to assist the students who require help.
- Basic etiquettes and hygiene are taught to the students.
- Educational visits to Akshay Patra, Planetarium Science Park are conducted.
- Festivals like Holi, Diwali are celebrated with the students.

- Since 2011 the college celebrates "the Joy of Giving Week" encouraging philanthropy among JECRC family. Donations are taken from students and faculty during the week and the collection is utilized for buying necessities of the students registered under Zarurat.
- A notable gala event is organized on the first day of Renaissance where the students are given a platform to showcase their talent for the whole day. Renowned NGO's are also invited.
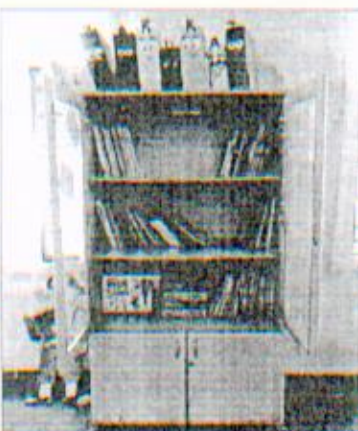
AASHAYEIN – THE LIFE SAVIOURS

AASHYEIN, one the eminent student initiatives of JECRC Foundation, started on Oct ,2013 by Mr. Keshav khandelwal , Harsh Yadav, Vishal Yadav has been incessantly working since last three years with the prime aim of fulfilling growing demands for fresh SDPs.

The members of the team are available 24*7 for the patients suffering from dengue and other blood related disease.

Aashayein is the only student group in India which works in the field of providing fresh SDPs. Whenever there is need of SDP's the team members are contacted by the hospitals who give them donors matching the blood group required. Today, the club provides 80% of blood donors in Rajasthan. More than 3000 people are associated with the group. The genuine efforts put in by the team members have helped in saving more than 700 lives till date.

Recently, a blood donation camp was organized by Aashayein on 8th October,2015 which witnessed the donation of 1751 units of blood, which is the highest amount ever collected in Rajasthan. Aashayein has set a benchmark by collecting a total of 8,000 units of blood in the yearly organized blood donation camps.

Other Activities Of Aashayein:

- Visits to the Old Age Homes
- Old age home visits are also organized every year giving the students an opportunity to spend blissful moments with the elders and to learn about the bitter and dismal aspects of their life
- Tree Plantation Drives
- Understanding our responsibilities towards environment, we have also started a campaign for tree plantation.
- Today, more than 3000 students are associated with this pivotal organization of JECRC Foundation.

SOCH

As per the name suggest *SOCH* itself means a new and innovative idea that is aimed at encouraging a process of active thinking among people regarding their actions, reactions and digressions from the basic concept of humanity . Our journey is to transgress the path of humanitarian, versatile and productive thoughts. JECRC Foundation has always shown keen interest in social activities. SOCH is a social initiative by JECRC which began its journey in August 2014. It is all about helping others and making others do the same.

SOCH is indulged in activities like:

➢ VASTRA SAMMAN (not just a piece of cloth)-

The group organizes visits at Old Age Homes and Orphanages where blankets and other clothing items are distributed to the needy. Students going to the visits also organize lunch and cultural activities for people living there.

➢ CLEANILINESS DRIVE-

SOCH also actively conducts cleanliness drives at JECRC. Cleaning up of the country is only possible if the citizens also realize their responsibilities and make equal efforts. To promote the same feeling such awareness campaigns are held yearly.

➤ NO FOOD WASTAGE CAMPAIGN-

Another social issue arising these days is food wastage. SOCH organizes an awareness campaign called "NO FOOD WASTAGE", to make the young minds realize the importance of food. Students are cultivated with a feeling of providing this basic necessity to the needy with the motto "Each one fill one."

SOCH APTITUDE TEST

SOCH aptitude test, exactly as the name suggests, increases the thinking capacity & IQ level of the students. It helps us to regain our very basic concept which almost all of us have flushed away.

It is organized three times in a year to maintain a continuous skill development among the students and help them enhance their preparation for the upcoming placements.

➤ HEALTH CHECK-UP CAMP

To take up the call for health, betterment of less capable and needy. A HEALTH CHECK UP CAMP (spreading smile) is conducted at regular intervals. In this camp the focus is on students of government schools and workers of the college. The team tries to provide a solution to the problems for all those who arrive to the camp. The ones with weak eyesight are provided spectacles, medicines and further medical help.

SUHASINI- Saving The Girl Child

Recognizing that women are co-partners for the growth of the country, on 11th Oct.2015 JECRC Foundation took an initiative to save the smile of the girl child and started a group-SUHASINI . It was inspired by the noble cause "Beti Bachao Beti Padhao". 'Suhasini' emphasizes on abolishing gender bias, sex selective elimination, by providing education and free the society from the menace of dowry *and* eve- teasing thereby ensuring survival and protection of the girl child.

"Suhasini's" activities took shape by the group members taking a pledge to save the 'smile' of the girl child. It is proactively trying to generate awareness among the people about the atrocities on the girls. Door to door visits are conducted and a survey is done to educate the masses, several Nukkad Nataks have been performed and International Girl Child Day , Women's Day were celebrated serving as an impetus for this noble cause.

PAARIJAT

Paarijat, was born on 8th September, 2013 with a beautiful vision of creating a 'Global Civil Society'. Just like its name, Paarijat is a unique group with the mission of technology working hand in hand for upliftment of marginalized groups of our society. It has an entirely novel concept of Soul Building and aims to erase the ignorance breeding in the minds of the masses and mould them into sensitive and compassionate humans. In simple words, it is a NEW initiative taken with the purpose to rekindle the extinguished fire of our OLD selves- our culture, our values and everything which makes us a better human being. A student is instilled with the desire to become not only a person of success, but also a person of value.

Paarijat nourishes the soul with excellent literary and art works of classic writers and artists. The students are not only motivated to develop taste for good music, literature and philosophy but they also organize meetings and discussions to provoke their thought process for the social change. They are the live epitomes of being the change they want to see in this world.

In the present scenario when people are bitter and devoid of their feelings, Paarijat is like the light at the end of a dark tunnel. Making themselves as the instruments of humanity, the students at Paarijat channelize their energy and thoughts for looking good even in the worst, a flame of hope in despair, sowing faith in place of doubt, joy in place of sadness and love in place of hatred.

Student Development Clubs At JECRC

At JECRC we believe in the holistic grooming of our students and hence we stress equal emphasis on round the year extracurricular activities which are facilitated through the various active student clubs at JECRC. We have two dance clubs Enigma & Khallas, singing club- Aaroh, dramatics club Face & Footlite, literary club Parijaat, the official college magazine J-Mag, photography club Fotografreaks, robotics club Xananoids, The Aptitizers and many more such clubs providing opportunity to nurture talent of young minds.

JECRC APTITUDE-THE APTITIZERS

Public speaking is not just a trait, it is a complete skill set, one has to become apt in many forte to become a good orator. Glossophobia, Fear of Public Speaking, has been plaguing a huge part of our community. With a vision to become a leading Toastmasters club in Jaipur, the students at JECRC took an opportunity to help the fellow students overcome the fear of facing the crowd over stage. The club was borne with a mission of eradicating this fear from each and every one of us.

Activities of the club-

- Weekly Public Sessions are held in which students register themselves and concentrates on activities like Story Telling, Dialogue creation and many more.
- The club conducts events and centers around activities like Group Discussion where a number of students discuss over topics from various stream and agendas
- The participants actively participate in Debates, Extempore.
- During Renaissance 2016, an event named as The Hunting Writers and Pic-A-Speako was organized.
- An Inter- college event, Debate T20 was conducted in which participants from various colleges participated and as per the rules of event have to switch their stance every 20 seconds on extremely light and funny topics.

Xananoids- The Robotics People

It is the largest robotics club of Rajasthan. It was founded in 2004 for rising Engineers who have been progressing in various avenues of technical aspects. We are a motivated team of technical people who have conquered many arenas of Robotics at various International and National levels with their thoughts and passion. The group was started with the vision to spread robotics in the young engineering Community.

We create young tech freaks with a spark of innovation in their minds and diligence for technical field in their hearts. We work with the motto of diminishing the gap between mankind and robots. We create robots which ease our daily requirements and which is also useful for mankind.

Our vision is to see robotics which can be implemented in the society and beneficial mankind. We are here to create a junction or a point where all the creative minds meet and explore the fundamentals to a limit, limit which cannot be imagined by others, which no other group can meet and are beyond boundaries. Not so large but just like a wheel in the universe we want to rotate and let the world rotate with us.

MOONRIDERS

Several auto enthusiasts in 2009 formed a biker's club 'Moonriders.' The members were passionate bikers who wanted to pursue the adventurous sport and establish benchmarks for others to emulate. That adermaline rush at sound of VRRROOOM..... synergises the team spirit of Moonriders who live to prove their mettle. They are the auto enthusiasts burgeoning into young engineers.

Activities of the club –

- In 2010, Moonriders participated in Baja-10 and fabricated an" All Terrain Vehicle "(ATV) which was accorded the title of being lightest vehicle and secured 17th position in the Dynamic Events amongst 80 teams that participated.
- In 2011, the members of the club participated in Formula SAE ITALY and bagged 1st position in Business Presentation and 3rd position in overall category.
- Apart from BAJA, MOONRIDERS also participated in various RC car events and secured 1st position in various events held at IIT Guwahati, BITS Pilani and BFCET Bhatinda,in 2014.
- The Group organized One Day International Workshop on Baja Fabrication in JECRC, Jaipur inviting participation from SAE India and Tennessee Technology University USA.
- In 2014, Moonriders qualified the Virtual Round of EFFICYCLE'14 and bagged overall 63rd position competing with 300 teams all over India.
- In 2016 Moonriders successfully fabricated an All Terrain Vehicle and participated in Mega ATV Championship held at Bhubaneswar by Autosports India and Baja Tutor.
- The group was a part of Off Road Championship in 2016 held at Gautam Buddh University Noida and secured 7th position among 22 teams that participated in the event.

DANCE CREWS- ENIGMA AND KHALAS

Dance is a pleasurable motor reaction, a game forcing excess energy into a rhythmic pattern. The magical goal of the imageless exhilaration, dance is the attainment of a state of ecstasy in which the dancer transcends the human and physical and, released from his self, wins the power of interfering with the events of the world.

Khalas Dance Group is the bhangra group of JECRC running from the last five years. The group has performed at IIT Jodhpur, MNIT Jaipur, JNU Jaipur and many other colleges.

ENIGMA is an official dance group of JECRC and performs in different colleges of Rajasthan and outside Rajasthan. This group is running successfully since last 10 years and founded by Mr. Alok Mudgal and Mr. Digvijay Jangir in 2007. Currently this group contains the best 20 dancers of JECRC College.

Achievements of ENIGMA Dance Crew-

> Performed In "**Bindass Street Dance Competition**" powered by **UTV BINDASS CHANNEL**.
> One and only group from Rajasthan placed in Top 8 at **IIT DELHI** and **BITS PILANI**.
> Secured 1st position in almost all big college fests in Jaipur.

- Secured 1st place twice at **JALSA**.
- Secured 1st position in **JAYPEE NOIDA** College fest.
- Secured 1st position in **Bhaskar Campus ki Jung.**
- Secured 1st position twice at **MNIT** College Fest.
- Qualifier in prelims of IIT Mumbai.
- Selected in Hip Hop International.

AAROH- A Group Of Performing Arts

Music has a universal language transcending all boundaries of caste, color or religion. It has been with us as long as life itself, right from the chirping of birds to the waves of the sea- and all those gifted with the sublime talent need to be given opportunities to harness it. Thus a club AAROH meaning growth was established on 6th August 2015 with the initiative of some of the faculty members and student co-ordinators with a view to induce essence of Indian culture and performing arts in JECRCIANs.

Activities at Aaroh

- Practice sessions on Classical singing
- Experts of Classical dancing are arranged for the group to develop their talent.
- Regular classes on Classical instrumentation (Flute, Harmonium and Tabla)
- Poetry sessions where the students can pen down their ideas into rhythmic syllables.
- During Renaissance 16, Kathak performance by the team displayed the Indian culture and tradition.
- The members of the group gave a Flute recital on 19th February when Abhishek Bachchan and the Jaipur Pink Panthers team were in JECRC for a promotional event of ProKabaddi.

FotograFreaks

With the motto of "Nurturing Talent", the budding photographers of JECRC were given an opportunity to develop their talent through a Photography club called FotograFreaks. Fotografreaks is the official photography team of the college which covers all the major events, Seminars, Exhibitions, Recruitments, Other club Events and Renaissance. The club's twenty-two young, passionate and professional photographers are from all semesters from different departments who pursue their hobby thereby enriching themselves.
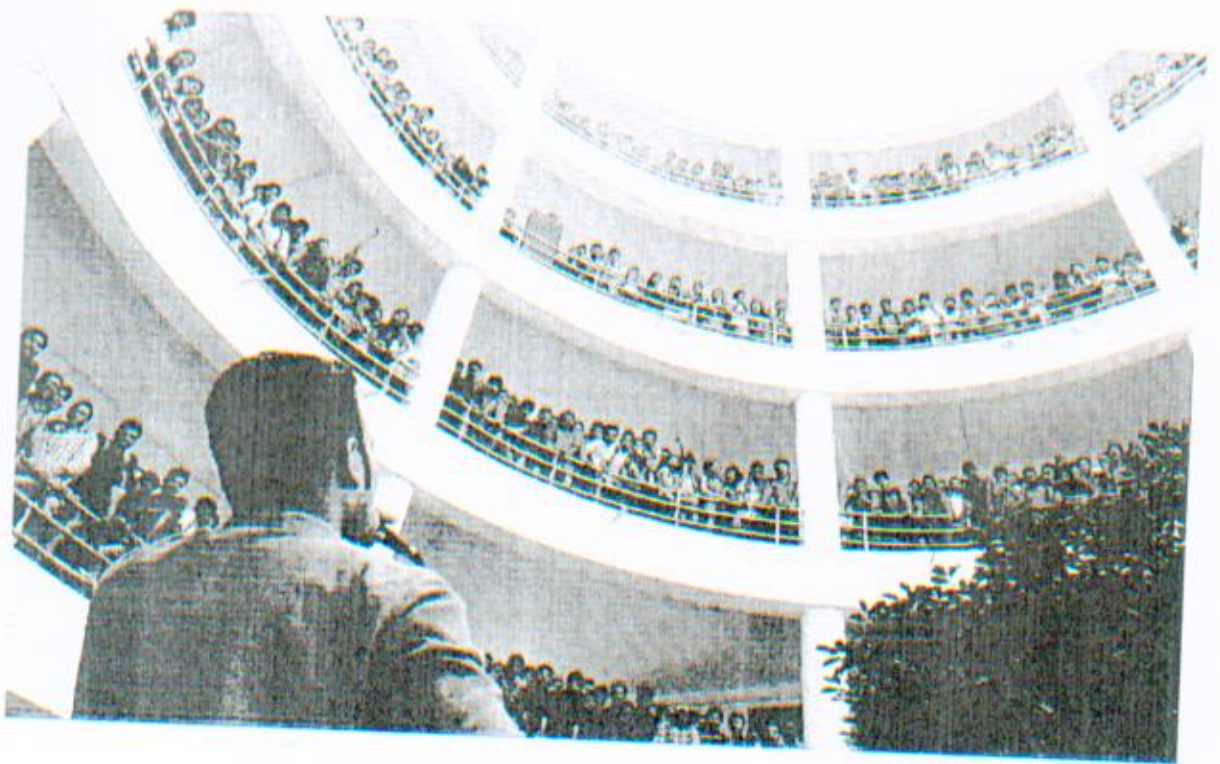
Activities of the club-

➤ In 2014, the club organized a photography exhibition to showcase its talent which was inaugurated by Dr. Chandrima Roy, the famous Sarod player.

➤ There is a Photography Wall in "A" Block of the college on which the best photographs are displayed.

➤ The photographs of the club were selected for MNIT's Annual Fest Photo Exhibition.

➤ In 2016, when Abhishek Bachhan came for Pink Panther's promotion, he used the photos taken by the club for promotion on Facebook, Instagram and other social platforms thereby encouraging the young and talented minds.

RENAISSANCE 2016

Renaissance which was scheduled from 18-21 March 2016 is a Techno/Cultural fest which provides a versatile platform to all the students to learn and explore the various dimensions of their personality. With events encompassing varied fields of science, technology and management, Renaissance the annual techno-cultural fest of JECRC , invites students from all around the globe to put their inventiveness , ingenuity and aptitude to test at an unequaled level of competition. The fest offers its participants a wide spectrum of events to prove their mettle, while the huge amount of prize money is reflective of the magnificence of the same.

The national level techno cultural fest of JECRC, Renaissance has made a niche for itself among all colleges in the region. It's the second largest college fest of Rajasthan organized every year in March and witnesses a footfall of more than 8000 students from top colleges from across the country. 3000 students participated in Renaissance'16 and around 900 to 1000 students were from outside Rajasthan. The Fest is an ecstatic blend of different programs: ENDEAVOUR (cultural), QUANTA (technical) and SPLASH. The festival of Cultural events includes Step Up (The Street Dance), Adaa (The Fashion Show), Bootstrapping (Group Dance Competition) The major Technical Events include: Embryo (Paper Presentation), RoboWar (War of Robots), Formula Zero (Robot Racing) which sees participation and amazing footfall of around 8000 to 10,000 talented youths from across the country.

Renaissance also provides unmatchable learning and exposure to the organizing team of students in the form of team work, pressure handling and product sale and promotion. This year the pronite was headlined by renowned DJ Anish Sood. Students also got the opportunity to meet Temsutula Imsong, the action hero of Ganga Ghats and world renowned Kathak dancers Devendra Sharma &Aabhas Sharma. In past we have witnessed notable celebrities visiting our college during Renaissance. Lt. Jagjit Singh, Shubha Mudgal, Euphoria, Javed Ali, Grammy Award Winner Pt. Vishwa Mohan Bhatt, Nobel Laureate Mr. Kailash Satyarthi, Ranbir Kapoor, Abhishek Bachchan are a few of such esteemed names.

Initiated in 2012, a social congregation- 'ZARURAT', our college NGO, was organized for the underprivileged children this year on 17th March, 2016 in

association with various NGOs to enhance their education and knowledge. It clearly symbolizes the revival of revolution to open the doors of opportunities, a fire for liberty and education in the hearts and souls of hundreds of youth committed to wipe out the scourge of slavery and ignorance from the face of mankind.

A ROTARACT CLUB a youth wing of Rotary International, Jaipur, which is the world's 2nd largest Rotaract Club with a mission to promote children's health & education; while withstanding a strong tradition of promoting international peace, goodwill and service has also commenced from this year.

RENAISSANCE 2016

S. No.	Event	No. of Participant
1	Raga Night	46
2	Juke Box	16
3	Dexterity	41
4	Gully Cricket	23
5	Formula Zero	18
6	Lan Gaming	103
7	Algoholic	26
8	Street Football	18
9	Combatant	19
10	Cadd Mania	26
11	The Hunting Writers	51
12	Spell Bee	33
13	Adaa	9
14	Embryo	23
15	Mad House	50
16	Aero	13
17	Antakshari	26
18	Shoot Out Zone	51
19	Line Follower	13
20	Beat the Beats	11
21	Minute To Win	51
22	Face Painting	18
23	Pick a Speako	14
24	Java Lets	20

25	Sand It	13
26	Rockathon	6
27	Bootstrapping	12
28	Subito	8
29	Zenith	13
30	Pillow Fight	148
31	Robo War	11
32	Techno Crosswinds	27
33	Campus Roadies	31
34	New Venture	8
35	Fork Lifter	9
36	Brain Wiz	46
37	Trashion	11
38	Rap Zap	21
39	Step Up	6
40	Mighty Throttle	8
41	Reverse Engineering	22
42	Just C	21
43	JunkYard Wars	21
44	Propello	10
45	Agent 221	41
46	Nukkad Natak	7
47	Kavi Sammelan	10
48	Ren Got Talent	17
	TOTAL	1246

Incubation Centre Activity

EAC (Entrepreneurship Awareness Camp) held
at
JECRC from 28th to 30th March'16

In recent years, the Indian startup ecosystem has really taken off and come into its own. There is a wave of entrepreneurship in the whole country resulting into the no of start-ups opened in the country. The numbers are telling—from 3,100 startups in 2014 to a projection of more than 11,500 by 2020, this is certainly not a passing trend. It's a revolution. Our Prime Minister Mr. Narendra Modi also launched a start-up India Initiative. He announced an eighty percent exemption in patent fee for Start-up businesses.

Rajasthan government also has its startup policy under which, the Rajasthan government will allocate $8.4 Mn (INR 55 crores) to bring investments over $76 Mn (INR 500) crores to set up 500 startups in the next 5 years. In this content, recently Rajasthan government has also celebrated IT day.

As we know there is a huge success in the way of entrepreneurship within the central as well as in state. So in this modern era where success of entrepreneurship is at peak, our JECRC will never let this thing to grab out of his hands and in this context JECRC oraganised a three day Entrepreneurship Awareness Camp during 28th to 30th March'16 which was congregated by the 15 eminent entrepreneurs of the city who have a successful setup such as Mr. Nishant Patni(CEO of

CultureAlley), Mr. Gaurav Kheterpal, Mr. Sanjay Yadav. More than 300 students have been participated this event.

The Director JECRC, Mr. Arpit Agarwal inaugurated the program, along with Dr. V. K. Chandna(Principal, JECRC) and organizers Ms. Aruna Yadav, Mr. Pravin Kumar Sharma. The chief guest of the event were Mr Nishant Patni, the founder & CEO of Culture Alley, India's 1st English learning app "Hello-English" which has 9.2 million users, and Mr Dilnawaz khan, the Manager Business Development of Start up Oasis.

Mr. Nishant Patni discussed on Raising venture capital fund and growth story. He said startup is a new business mantra.

Other chief guest of this event was Mr. Dilnawaz Khan who is Business Development Manager of Startup Oasis. Startup Oasis is a Jaipur based incubation centre that is developing an ecosystem in Rajasthan to inspire and support students, aspiring entrepreneurs and start-ups to solve persistent problems, develop breakthrough innovations and create world class enterprises. Dilnawaz Khan discussed on Entrepreneurship & Technology. He had a good interactive session with the students and he said incubation centre is for ecosystem .

The Director, Mr. Arpit Agarwal has announced to develop an incubation centre in the college, with the seed money available around 200 Lakhs for the new startup iniatives and it will be for JECRC students and its aluminies. The centre like in eminent colleges such as IITs and NITs will provide all kind of support to the budding entrepreneurs from the college. It will be furnished with all the facilities round the clock. This incubation centre will get in progress from 15 august 2016.

This event had a great support of Department of Science and Technology (Raj. Govt.).

The second day of workshop started by the session of Mr. Chintan Bakshi who is at present the Chief Operating Officer (COO) of Startup Oasis. Chintan Bakshi is an Engineering graduate from the Indian Institute of Technology, New Delhi and an MBA from Indian Institute of Management, Bangalore. He has over 6 years of new project management and implementation experience with reputed Indian and multinational companies like Maruti Suzuki and the Indian Hotels Company Limited, prior to starting his first venture in the year 2000, a web enabled procurement platform, Procurez.com.

He discussed with students over the need to have a startup and the need to be in a project environment and to get out of classroom environment and go for the internships in their area of interest.

There were sessions of Mr. Sanjay Yadav (co-founder of RAIN &100 co-founders lab) and Mr. Gaurav Mundra (CEO Myly) who discussed on How India is becoming the next start-up hub and on Building Minimum Viable Product (MVP) as a key to success.

Third day started by session of Mr. Mahaveer Pratap Sharma Chairman and co-founder of RAIN. Mahavir Sharma, a serial entrepreneur is part of umpteen businesses and social organizations, and exudes passion in angel investing, leadership and mentoring. He talked to students on Angel Investment in start-ups and experience / tips as investor . The day ended with the panel discussion with Mr. Vatsal Jain, Mr. Prateek Jain, and Mr. Kartik Singhal. The day ended with a startup visit to some good startups of city and students got a really good experience by that and learned many things.

Students enjoyed these sessions and learned the practicalities of a setting up a start-up , the qualities, and skills required to be an entrepreneur. This workshop provided students an amazing platform to interact and share their ideas, views and queries with the experts.

JECRC incubation centre provides a world-class platform for students their energy and talent towards transforming their ideas into successful companies. Backed by academicians, successful entrepreneurs and alumni, the centre mentors the JECRC students as every stage of planning, execution and promoting entrepreneurship. The centre also helps students with hiring the right talent, gathering resources and services like physical space, capital investment, infrastructure support etc. to incubate the business concept into viable commercial product or service. Various workshops and seminars like pitch-off sessions, B-plan modeling, bootstrapping etc are also held for the student regularly.

Details Of Speakers/Experts:

Name of Expert	Designation	Company
Mr. Dilnawaz Khan	Business Development Manager	Startup Oasis
Ms. Kalyani Khona	Co-Founder	Inclov
Mr. Gaurav Kheterpal	Project Manager	Metacube
Mr. Anuj Agrawal	Director	ebetter consulting services
Mr. Chintan Bakshi	Chief Operating Officer	Startup Oasis
Mr. Sanjay Yadav	Founder	100 Co-founders Lab
Mr. Mahaveer Pratap Sharma	Chairman and Co-Founder	RAIN
Mr. Madhup Bansal	Co-Founder	Myly
Mr. Gaurav Mundra	CEO	Myly
Mr. Nishant Patni	Founder	CultureAlley

Details Of Alumnai profiles:

Name	Contact	Designation	Company
Vatsal Jain	8452962313	Founder	Le pension backpackers hostel
Ankit Jain	9828888778	Founder	Lume Solar Energy Pvt. Ltd.
Samar Mathur	9654698312	Founder	Xpdire Solutions Pvt. Ltd
Kartik Singhal	8003373909	Founder	Sattviko

Photographs:

JECRC FOUNDATION
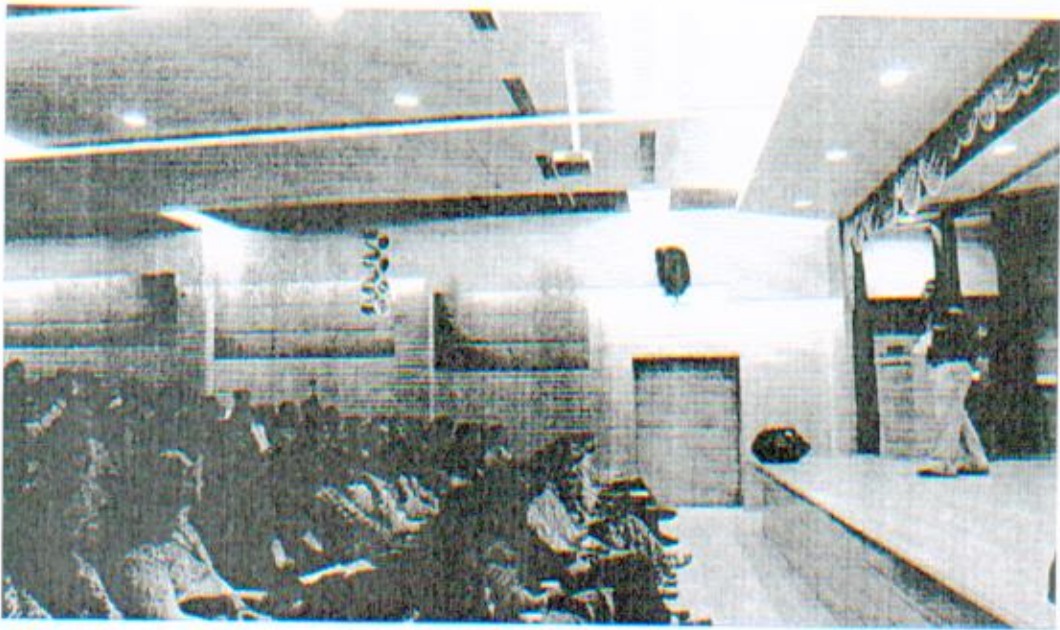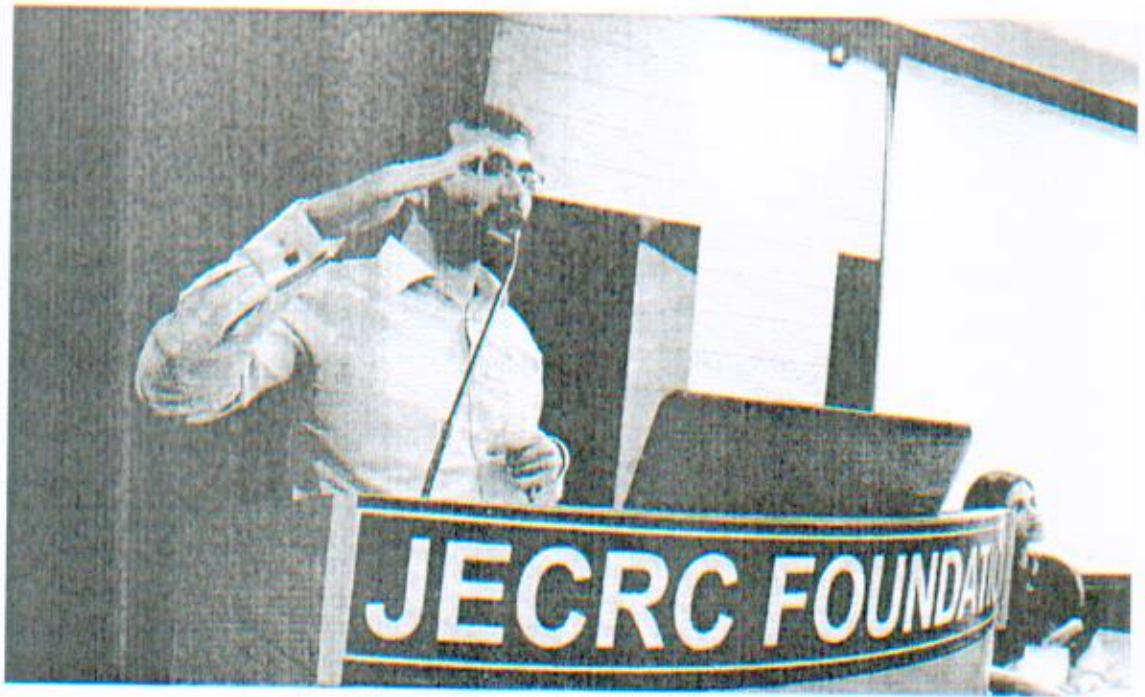
The report presented above presents the information about different activities conducted at JECRC Campus during 2015-16. These activities not only nurture the students and faculty members in the area of education but also provide the opportunities to showcase their abilities under co-curricular and extracurricular activities. To achieve mission and vision of the institute many activities has been initiated and these activities include outcome based evaluation of the students, faculty development programs, industrial visits, conferences etc. and these activities provide platform at different level. The report also presents the vision of 2016-17 in terms of internal quality assurance and policies.

The admissions in the campus during the year 2015-16 are mentioned below –

STATEMENT OF RANK WISE DETAILS FOR ADMISSION SESSION - 2015-2016

BRANCH	SEAT ALLOTTED	REAP RANK-2015 BASED ON-XIIth		SEAT ALOTED	REAP RANK -2015 BASED ON JEE (MAINS)	
		FIRST	LAST		FIRST	LAST
CIVIL ENGG.	54	49	6083	54	1383	4851
COMPUTER SCIENCE & ENGG.	81	191	3465	81	518	2604
ELECTRICAL ENGG	54	483	5525	54	1728	4148
ELECTRONICS &COMM.ENGG.	108	400	14004	108	1798	6754
INFORMATION TECHNOLOGY	41	3905	11224	40	2021	5859
MECHANICAL ENGG.	54	739	4836	54	1127	3692
MECHANICAL ENGG. (II Shift)	26	3656	7002	27	3694	5493
COMPUTER ENGG. (II Shift)	27	5181	8571	28	1714	3449
TOTAL	445			446		

Summary

A - BASED ON XIIth	420
B - BASED ON JEE (MAINS)	421
C - UNDER TFWS SCHEME	50
TOTAL	891

Hope that this year JECRC will get still better ranks during the 206-17.

JECRC Placement Updates 2016 Batch

(as on 13 May, 2016) (Anexx-1)

S#	Name of Company	Total	Package
1	Tata Consultancy Service	220	3.33
2	Accenture Services Pvt Ltd.	258	3.18
3	Mindtree	9	3.2
4	Rebuscode	6	3
5	Ericsson	6	2.4
6	Tata Technologies Ltd.	5	4.2
7	Saint Gobain	1	5.8
8	The Phone Support	17	2.7
9	ConfigAware	5	3.4
10	Info-Objects	7	2.4
11	AppPerfect	3	5
12	Vistara	1*	5
13	Anora Lab	3	3.5
14	Persistent Soft	2	3.6
15	First American Company	1	4
16	NIIT Technologies	1	3.16
17	Just Dial	19	3
18	Genpact	2	2.2
19	Capegemini	5	3.1
20	HSBC	3	7
21	deewan Solution	2	1.8
22	Skill Rock Technologies	2	2.83
23	Amazon	12*	6
24	Adani group	6	4
25	Idea Cellular	3	3.5
26	FACE	4	2.64
27	Webtunix	0	
28	Xoriant Software	0	4.75
29	Josh Technologies	0	6
30	Sopra	0	
31	Triveni Turbine	0	5
32	HP	0	4.1
33	Teleperformance	9	2.2
34	Bluecubes	5	
35	TCS Off Campus	11	3.33
36	NCR Group	3	2.5-7
37	MultiTech Engineers Pvt Ltd	1	1.2
38	Westin Electromech Pvt Ltd	1	2.2
39	BDS Digital Technologies	1	1.8
40	PRS Associates LLP	2	2.04
41	Tech Mahindra	1	2
42	Vodafone	4	1.8
43	Arc Gate	2	1.6-4
44	KM Trans Logistics Pvt Ltd	1	1.8
45	Samsung Research	1	
46	Softserve	1	
47	IKY Technosoft	14	
48	iSol	1	
49	Faberworks	1	
	Off-Campus (Self Placed)	5	
	Total Selections	655	
Shortlisted	Info Objects	70*	
	Syntellect	18*	
	MetaCube	6*	
	Bosch	R.A	

S.no.	Company Name	Total Offers	CSE	IT	ECE	EE	ME	CE	Salary Package Offered in LPA	Mode (On /Off/ Pool / Mega campus)
1	Tata Consultancy Service	220	68	23	86	17	27	n.a.	3.33	On
2	Accenture Services Pvt Ltd.	258	56	38	81	14	47	22	3.18	On
3	Mindtree	9	5	3	1	n.a.	n.a.	n.a.	3.2	On
4	Rebuscode	6	3	3	n.a.	n.a.	n.a.	n.a.	3	On
5	Ericsson	6	n.a.	n.a.	6	2	n.a.	n.a.	2.4	On
6	Tata Technologies Ltd.	6	1	nil	nil	nil	5	nil	4.2	Pool
7	Saint Gobain	1	n.a.	n.a.	n.a.	nil	1	nil	5.8	On
8	The Phone Support	17	4	4	5	nil	3	1	2.7	On
9	ConfigAware	5	3	1	1	n.a.	n.a.	n.a.	3.4	Off
10	Info-Objects	7	3	2	2	n.a.	n.a.	n.a.	2.4	On
11	AppPerfect	3	3	nil	nil	n.a.	n.a.	n.a.	5	On
12	Vistara	1*	nil	nil	1*	n.a.	n.a.	n.a.	5	On
13	Anora Lab	3	nil	nil	3	n.a.	n.a.	n.a.	3.5	pool
14	Persistent Soft	2	2	nil	nil	n.a.	n.a.	n.a.	3.6	On
15	First American Company	1	1	nil	nil	n.a.	n.a.	n.a.	4	Pool
16	NIIT Technologies	1	nil	1	nil	n.a.	n.a.	n.a.	3.16	On
17	Just Dial	19	5	2	4	nil	8	nil	3	Pool
18	Genpact	2	1	nil	nil	nil	nil	1	2.2	Outset
19	Capegemini	5	1	nil	3	nil	nil	1	3.1	Outset
20	HSBC	3	1	1	1	n.a.	n.a.	n.a.	7	On
21	deewan Solution	2	nil	1	1	nil	nil	nil	1.8	On
22	Skill Rock Technologies	2	1	1	n.a.	n.a.	n.a.	n.a.	2.83	Outset
23	Amazon	12**	10**	1*	1**	n.a.	n.a.	n.a.	6	Pool
24	Adani group	6	n.a.	n.a.	n.a.	3	1	2	4	On
25	Idea Cellular	3	n.a.	n.a.	3	n.a.	n.a.	n.a.	3.5	On
26	FACE	4	nil	nil	2	nil	1	1	2.64	On
27	Webtunix	0	nil	nil	nil	n.a.	n.a.	n.a.		On
28	Xorlant Software	0	nil	nil	nil	n.a.	n.a.	n.a.	4.75	On
29	Josh Technologies	0	nil	nil	nil	n.a.	n.a.	n.a.	6	Pool
30	Sopra	0	nil	nil	nil	n.a.	n.a.	n.a.		Pool
31	Triveni Turbine	0	n.a.	n.a.	n.a.	nil	nil	n.a.	5	Pool
32	HP	0	nil	nil	nil	nil	nil	n.a.	4.1	Pool
33	Teleperformance	9	3	1	1	nil	1	3	2.2	Pool
34	Bluecubes	5	4	nil	1	n.a.	n.a.	n.a.		Outset
35	TCS Off Campus	11	2	nil	4	nil	5	n.a.	3.33	On
36	NCR Group	3	n.a.	n.a.	n.a.	n.a.	n.a.	3	2.5-7	Off Campus
37	MultiTech Engineers Pvt Ltd	1	n.a.	n.a.	n.a.	n.a.	n.a.	1	1.2	Mega Campus
38	Westin Electromech Pvt Ltd	1	n.a.	n.a.	1	n.a.	nil	n.a.	2.2	Mega Campus
39	BDS Digital Technologies	1	n.a.	n.a.	1	n.a.	n.a.	n.a.	1.8	Mega Campus
40	PRS Associates LLP	2	n.a.	n.a.	2	n.a.	n.a.	n.a.	2.04	Mega Campus
41	Tech Mahindra	1	nil	nil	1	nil	n.a.	n.a.	2	Mega Campus
42	Vodafone	4	nil	nil	4	nil	nil	nil	1.8	Mega Campus
43	Arc Gate	2	nil	nil	2	nil	nil	nil	1.6-4	Mega Campus
44	KM Trans Logistics Pvt Ltd	1	nil	nil	nil	nil	1	nil	1.8	Mega Campus
45	Samsung Research	1	1**	nil	nil	nil	nil	nil		Mega Campus
46	Softserve	1	1**	nil	nil	nil	nil	nil		Off Campus
47	IKY Technosoft	14	1	1	nil	6	6	nil		Off Campus
48	iSol	1	1	nil	nil	nil	nil	nil		On Campus / UDML
49	Faberworks	1	1	nil	nil	nil	nil	nil		Mega Campus
50	Off Campus	5								Office Interview
	Total	655								

JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE
JAIPUR

Sr. No.	Items	Budgeted	Actual Expenses
		2015-16	
1	Infrastructure Built Up.	8,00,00,000	6,34,63,541
2	Library	4,00,000	3,43,271
3	Laboratory Equipments	4,00,000	4,49,982
4	Laboratory Consumables	1,25,000	1,34,005
5	Teaching and Non Teaching Staff Salary	11,00,00,000	11,21,12,336
6	Maintenance and Spares	65,00,000	68,52,453
7	R & D	2,50,000	2,88,050
8	Training & Travel	15,00,000	17,00,310
		19,91,75,000	18,53,43,948

Accounts Officer

JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE
JAIPUR

Sr. No.	Items	Budgeted	Actual Expenses
		2014-15	
1	Infrastructure Built Up.	8,00,00,000	7,52,10,320
2	Library	4,00,000	3,91,210
3	Laboratory Equipments	20,00,000	21,40,919
4	Laboratory Consumables	4,50,000	4,63,736
5	Teaching and Non Teaching Staff Salary	10,00,00,000	10,00,16,936
6	Maintenance and Spares	90,00,000	94,48,551
7	R & D	2,50,000	68,200
8	Training & Travel	5,00,000	6,05,514
		19,26,00,000	18,83,45,386

Accounts Officer