19
Years of Nurturing Talent

19 YEARS OF ACADEMIC EMINENCE

JECRC ™

JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

JECRC Foundation

A PIONEER IN HIGHER LEARNING IN THE STATE OF RAJASTHAN, THE JECRC FOUNDATION IS REDEFINING THE ACADEMIC SPACE WITH RESEARCH ORIENTED EDUCATION THAT PUTS EXCELLENCE ABOVE ANYTHING ELSE.

The National Society for Education Research and Development (NSERD) was registered in the year 1999 in Jaipur with the major objective of providing quality education and research environment in Rajasthan. It established its first college, Jaipur Engineering College & Research Centre (JECRC) in Jaipur, in the year 2000. Encouraged by its splendid achievements and overwhelming public patronage, it ventured into establishing a second college, UDML College of Engineering (which is known as JECRC UDML College of Engineering) in the year 2007.

The JECRC Foundation, which is in 18th year of existence, is amongst the most reputed educational groups in Higher and Technical Education in North India which has 2 large campuses with 10,000 students enrolled as on date in various courses alongside engineering courses, the major chunk of the admissions being routed through JEE examinations. The engineering colleges are approved by the AICTE, New Delhi and are affiliated to the Rajasthan Technical University, Kota. The final year batch size passing out in session 2019-2020 is 2274 across all the courses.

These institutions have become the most sought-after institutions for admissions as evident by the REAP admission patterns. The JECRC Foundation has now become a brand name in professional education in Rajasthan. The Founders and the Society are now generally referred to as the JECRC Foundation. For diploma holders (LEEP) lateral entry is possible in the second year of the B.Tech programs. The intake equals 10% of the first year intake.

JECRC University was established in the year 2012 and is conducting Under Graduate, Post Graduate and Doctoral programmes in diversified fields (Engineering & Technology, Basic & Applied Sciences, Management Studies and Languages, Law, Agriculture, Journalism & Mass Communication and Hotel Management) and has also set up centers of research.

JECRC
JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

www.jecrcfoundation.com

JECRC UNIVERSITY
BUILD YOUR WORLD

www.jecrcuniversity.edu.in

For the Third Time in a Row
JECRC Foundation Produced

THE HIGHEST NUMBER
Of Microsoft Student Partner
Selected From A Single Group Of Institution In India.

11 Student from JECRC UNIVERSITY BUILD YOUR WORLD

6 Student from JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

17

The program has participation from 600+ colleges including IITs and NITs.

JECRC FOUNDATION

The College (JECRC)

JECRC Foundation ardently upholds the practice of self learning and intellectual growth, which are integral to education. Its premier engineering institute, JECRC holds a commitment to offer the highest standards of education with state-of-the-art infrastructure. Set up in 2000, JECRC has evolved as one of the top-class engineering institutions of the State. JECRC is the 'Preferred Engineering College' amongst aspiring students and draws meritorious students from around the country. This is evident from the fact that top performers in JEE have chosen JECRC during counselling.

JECRC offers B.Tech programmes in the following disciplines:

- Civil Engineering
- Computer Science & Engineering
- Electrical Engineering
- Electronics & Communication Engineering
- Information Technology
- Mechanical Engineering

Principal's Message

Jaipur Engineering College and Research Centre (JECRC) Jaipur is recognized as one of the best technical institute in the Rajasthan, and is adopting the process of change that demands quality outcome based education. The vision of the institute is to become an institute of excellence in imparting outcome based education, providing facilities to the students to get placement in reputed companies, providing a platform to the students for overall self-development that includes ethics and moral values, while developing research aptitude through project based learning.

In the process of implementing Outcome Based Education (OBE), the faculty members are measuring the progress and competencies of students as they go through a course in each semester and are being assessed against pre-defined targets.

Engineers are the wealth of the nation and excellence in all disciplines is the present requirement of the country, for sustained economic growth to compete globally. Nearly seventeen years ago, the founders of JECRC embarked on a journey to educate and nurture the finest engineers. It gives me immense pleasure to share that JECRC is contributing to the growth of the nation by providing outcome based education to their students and nurturing them to compete at a global level.

The faculty and technical staff members are committed to cater professional as well as research driven project based learning to the students, and accordingly the teaching-learning process is tuned so as to fulfill their career growth in the prevalent emerging technology. Different programms have resulted in overall growth and penetration of students in varied dimensions, be it research, innovation, entrepreneurs, educationists or even as sports person and bureaucrats etc.

With the support of qualified, dedicated and hardworking faculty, the institute has achieved enviable ranking in a short span. I have no doubts that with this pace, the institute will relentlessly march ahead of other eminent institutes at the national level. Let's give our best and make this institute a modern temple of outcome based learning through our diligence, devotion and dedication.

All the credit goes to the outstanding reputation and dedication of the institute for all these years, under the able guidance of visionary Shri Amit Agrawal and Shri Arpit Agrawal, Directors of the JECRC Foundation.

Wishing you all the best!

Dr. Vinay Kumar Chandna, Principal
B.E., M.E., Ph.D. (D.C.E.)
Sr. Member IEEE, LMISTE
MIEEE Education Society
Level-5, Leadership and Management, CMI London

Vision

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

Mission

- Focus on evaluation of learning outcomes and motivate students to inculcate research aptitude by project based learning.
- Identify, based on informed perception of Indian, regional and global needs, areas of focus and provide a platform to gain knowledge and solutions.
- Offer opportunities for interaction between academia and the industry.
- Develop human potential to its full potential so that intellectually capable and imaginatively gifted leaders can emerge in a range of professions.

ACCREDITATIONS BY NBA & NAAC

The constituent institutes of JECRC Foundation, namely, JECRC & JECRC University have registered themselves in the top choicest list of organizations that are accredited by NBA & NAAC, acclaimed bodies of MHRD, Govt of India, respectively.

It's to highlight that JECRC University has achieved this feat in only its 7th year of inception. Also among the 76 universities currently offering graduation and post graduation courses in Rajasthan, JECRC University has become the 21st university to be accredited by NAAC. Recently some of the programmes at JECRC have been accredited by NBA. This accreditation becomes all the more special considering that among all the colleges in Rajasthan, offering technical & management courses, only 11 have received this recognition.

Accredited institutes/programme offers sound and challenging academic environment in the institution and helps contributing the social, economic development of the country by producing high quality and skilled technical manpower.

The benefits of accreditation of institute /programme is not limited to the students who, are directly benefitted in terms of quality education, enhanced placement opportunities but the other stakeholders like faculties, parents, employers, industries, institute and country also share their benefits.

These achievements have opened the flood gates of opportunities for the students studying in various courses and the other stakeholders in these institutions. The most significant ones are as follows:-

Quality Education: Students pursuing their education in NAAC/NBA accredited Institutions can be assured that they will receive globally recognized education which is a balance between high academic quality and professional relevance. Students receive the opportunity to learn skills which are industry need based through integrated programs offered in these institutes. The degree of the students is well recognized in industries and at international level for higher education.

Student Exchange Program: The students pursuing their education in NAAC accredited university have increased exposure to opportunities of participating in student exchange programs in collaboration with premium universities of India and abroad. This would help the student's access greater knowledge about the differences in the cultural, geographic and financial pardigms along with the varied teaching pedagogy.

Placements: The students of both these institutes of JECRC Foundation will now be eligible for placements in such multinational companies that only collaborate with NAAC & NBA approved organizations for conducting campus placements. The employability of the graduates will be enhanced as the quality and skills of graduates will be evaluated at established standards. Further the skills as per the industry need can be learned through integrated programs and industry-academia partnership.

Foreign Education: Intra and inter institutional interactions at national and global level offers better opportunities to students to explore opportunities for internships, summer schools, research scholars in collaborated projects through student exchange program. The globally recognized degree by Washington DC Accord will help students to get preference in their application for higher studies in premier universities of U.S. U.K., Australia and other parts of the globe.

Financial Assistance: With these accreditations, students of JECRC Foundation will witness a dramatic increase in the acceptability of their research projects for funding by government agencies like DST, AICTE, DRDO and many others.

Increased opportunities (faculties): Collaborations opportunities for faculties in research and development projects and faculty development programs at national and international level. The faculties of accredited institute get preference in financial grants by government organizations like AICTE, UCG, DST and many more. The faculties employed in accredited institutes are globally recognised.

The accredited institute follow a continuous internal evaluation and review process which aids an institute to improve and excel with recent trends at global standards. An institute can initiate innovative and modern methods of pedagogy. The intra and inter-institutional interactions both at national and international level offers an informative platform to develop quality education. The accreditation helps the Institution in securing necessary funds from funding agencies for releasing grants for research as well as expansion and improving infrastructure etc. The accreditation facilitates global recognition of degrees and mobility of graduates and professionals.

The NAAC/NBA accreditation is step ahead for the JECRC Institutions to their goal of International Accreditation.

Conferences at JECRC

ICRITDME-2019 (2nd International Conference on Recent Innovations and Technological Development in Mechanical Engineering-2019)

The 2nd international conference organized by Department of Mechanical Engineering on Recent Innovations and Technological Development in Mechanical Engineering, in association with the IJSER, GJEIS & Indian Foundry Organization (IFO), on April 5-7, 2019 at Jaipur Engineering College and Research Centre, Jaipur. The idea was to provide a common platform for researchers to learn and explore different dimensions with the motive to find solutions for the common good of the society. Innovations are new idea, device or process. Innovations are the application of better solutions that meet new requirements, unarticulated needs or existing market needs. It is proficient through more effective products, processes, services, technologies or new ideas that are readily available to markets, governments and society. Innovations are something original and novel, as a significant, new that breaks the market or society.

India is a country of traditions. Following the culture and rituals, the conference was inaugurated with the lightening of the lamp to seek blessings from goddess saraswati. The conference was graced by the presence of guests from different parts of the country and abroad.

Total Papers Received	268
Papers shortlisted	97
Outside Papers	38

Selected papers published IJSER and GJEIS Journal of Mechanical Engineering.

ICCOMET-2019 (International Conference on Communication, Optical & Microelectronics: The Emerging Trends)

The ECE department of Jaipur Engineering College and Research Centre organized an International Conference on Communication, Optical & Microelectronics: The Emerging Trends, in association with IETE, Student Chapter OSA, IJSER and IJERT on April 5-7th, 2019. The status of the participants and number of papers are as under:

Total number of papers received	253
Total papers short listed	84
Outsiders (Research Scholars)	16
Outsiders (Academicians)	22
Internal (Faculty Members)	35
Students as participant	11

Inaugural session was organized on 6th April, 2019.
Guests of honor at Inauguration were: Dr. Raphael A.Guerrero, Acting Dean School of Science and Engineering, Quezon City, Philippines. Prof. Raphael delivered his keynote talk on Elastomeric diffraction gratings and volume holography of Bessel beams". Dr. Ghanshyam Singh, Professor, and Dr. Ashish Ghunawat, Assistant Professor, Electronics and Communication, MNIT, Jaipur also delivered talk in areas of communication and optics. The other eminent guest in the Conference were Prof. Dilip Sharma, MNIT, Jaipur. Shri Giriraj Maheswari, Shri Anil Pilania, Shri Ashok Kumar Agarwal, Associate Professor, MNIT Jaipur, Shri Ravi Soni, Deputy Manager, Research & Development, Genus Power Infrastructures, Ltd.

ICITDA-2019 (International Conference on Information Technology and Digital Applications)

The 2nd International Conference on Information Technology and Digital Applications (ICITDA-2019) was organized by Department of Information Technology JECRC, Jaipur on 5th-7th April 2019. It was technically supported by BJIT-Published by Springer Nature and IJAC Journal. Inauguration was graced by our honourable guests Shri Anil Pilania, Senior Manager, Salesforce Consulting Services, Appiriro Jaipur, Dr. Raphael Guerrero, Acting Dean School of Science and Engineering, Quezon City, Philippines, Prof. Dilip Sharma, Head of Department, Mechanical Engineering, MNIT, Jaipur., Shri Giriraj Maheswari, Senior General Manager

(Marketing), National Engineering Industries, Shri Ashok Kumar Agarwal, Associate Professor, Electrical Engg. MNIT Jaipur. The conference was designed to meet and discuss with the academicians and researchers to meet the practical solutions, scientific results and technological developments in solving various problems with people who are actively involved in emerging research fields.

We were also honoured to have Prof.(Dr.) D. P. Sharma Designated Professor (Online Courses), UOP (Affiliated to United Nations & Recognized by DEAC)-USA, Dr. Abhimanyu Garhwal Ph.D. Postdoctoral Research Fellow at Massey University, New Zealand, Dr. Manimurugan Shanmuganathan Assistant Professor, Department of Computer Engineer, Faculty of Computer and Information Technology, University of Tabuk, Saudi Arabia, Mr. Jalaludeen Khan Project Manager, Advanced Electronics, Saudi Arabia as keynote speakers.

To guide the authors & fertilize the raw brains of young talents with their experience we invited to chair the session Prof. (Dr.) Naveen Hemrajani Professor & HOD, Computer Science and Engineering JECRC University, Dr. Lokesh Sharma Assistant Director (Quality and Compliance) & Assistant Professor Department of Computer Science and Engineering Manipal University, Dr. Gajendra Rajawat Professor & Principal Stani Memorial College of Engineering and Technology Jaipur Rajasthan, Dr. Bharbhushan Jain Professor & Principal JEC Kukas Jaipur Rajasthan, Dr Ashish Sharma Professor AT IIIT Kota Rajasthan, Dr. Garima Mathur Professor & HOD ECE Department , Poornima College of Engineering Jaipur Rajasthan, Dr. Saroj Hirenwal Professor & Pricipal Rajasthan Institute of Engineering and Technology, Jaipur Rajasthan, Dr. Sylvester Fernandes Co-Founder and Lead Instructor Forsk Technologies, Mr. Yogendra Singh Co-Founder and Lead Instructor Forsk Technologies. After presentation each author was awarded certificate of participation from our eminent academicians/ session chairs. ICITDA-2019 Received 343 papers and after reviewing and scrutinizing we selected 102 papers for oral presentation.

ICSPR-2019 (International Conference on Smart Grid, Power Electronics & Renewable Energy)

A three day International Conference on Smart Grid, Power Electronics & Renewable Energy ICSPR -2019 was organized by the department of Electrical Engineering, JECRC on 05th -07th April 2019. In his keynote address Mr. Ashok Kumar Agarwal, Associate Professor MNIT, Jaipur discussed the various issues on "the importance of Smart Grid, Power Electronics and Renewable Energy Sources in the present scenario".
The conference was divided into five sessions.
First session was chaired by Dr. M.P. Sharma, (PhD, MNIT, Jaipur) A.En. RVPNL, Jaipur and Mr. Ashok Kumar Agarwal, Associate Professor, MNIT, Jaipur. Ten papers were presented by the delegates in this session.
Second session was chaired by Dr. Mukesh Gupta, Professor S.G.V. University, Jaipur, India. Nine deliberations were there on different topics covering the theme of the conference. The delegates from Vansthali Vidyapith Tonk, RTU Kota, Rajasthan and different parts of India participated in this conference. On the next day on April, 07 2019, Third session was conducted and Mr. B.S. Jha (M. Tech and former S.E. RVPNL, Jhalawar) Rajasthan was the session chair of this session. 09 papers were presented in this session. Following which, fourth session was conducted and it was chaired by Mr. Atul Kulshrestha and Mr. B. S. Jha followed by valedictory session. Nine papers were presented in this session.
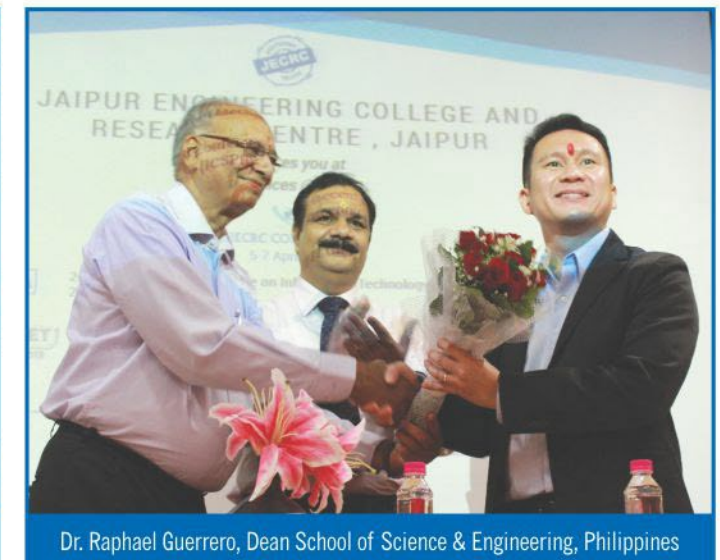The conference concluded with valedictory session wherein the certificates were distributed to all the participants. The conference proceedings will be published in International Journal of Scientific and Engineering Research IJSER Delhi with ISBN: 978-93-5260-275-9. Total Paper received in the conference was 87 & the presented papers were 37.

Mr. Girraj Maheshwari, SGM, NEI

Prof. Dilip Sharma, MNIT

Dr. Raphael Guerrero, Dean School of Science & Engineering, Philippines

Smart India Hackathon, Grand Finale at JECRC

Innovation and entrepreneurship are at the peak in India. In order to make development a comprehensive mass movement and innovate on all fronts, MHRD, AICTE, i4c and Persistent Systems have come together to organise Smart India Hackathon (SIH) 2019 - a unique Open Innovation Model for identifying new and disruptive technology innovations to solve the challenges faced in our country. It's a non-stop product development competition, where problem statements are posed to technology students for innovative solutions. The first two editions SIH2017 and SIH2018 proved to be extremely successful in promoting innovation, out-of-the-box thinking in young minds, especially engineering students from across India. To reiterate the efforts towards our PM's vision, all together proposed the 3rd edition of this initiative – Smart India Hackathon 2019. Smart India Hackathon 2019 is being organized and had 2 sub-editions – Software as well as Hardware.

18+ union ministries and departments and 95+ Corporates had joined this grand initiative, making it much bigger than the previous edition. Smart India Hackathon 2019 is a non-stop digital product development competition, where 350+ problems are posed to technology students for innovative solutions.

In SIH 2019, the students would also have the opportunity to work on challenges faced within the private sector organisations and create world class solutions for some of the top companies in the world, thus helping the Private sector hire the best minds from across the nation.

JECRC was one of the only 48 Nodal Centres including IITs and NITs from all over the country to have been shortlisted as the nodal centre for conducting the Grand Finale of Smart India Hackathon 2019. JECRC has been given the problem statements of Ministry of Culture, Ministry of Power, Hero Electric vehicles and Tata Moters. Over 300 participants of 32 teams and 30 subject experts, judges and technical officers from all over the country came to JECRC campus.

Minister HRD, Shri Prakash Javadekar invigorated the contenders via video conferencing at the inaugural ceremony from the nodal centre JECRC University, Jaipur. Shri Javadekar, addressed 11,000 innovators at 48 centres in 42 cities across the nation. It was great and proud moment in the history of JECRC to listen to honourable minister and share experiences with them. While addressing the gathering of students he said that "The young minds of the participants, brainstorm problem statements to seek innovative solutions. We will find our solutions and will lead the global community in innovations ". He congratulated all the participant teams as well as Nodal Centre for successful organization of SIH 2019.

There were total 8 problem statements of Ministry of Culture, Ministry of Power, Hero Electric vehicles and Tata Moters for which 32 teams from all over India participated to provide their real solutions. The teams were accompanied by their mentors from industry. Teams from all over India congratulated JECRC team on such a successful event. They also appreciated the communication which was established with them prior to the main event as all the important information was communicated to them well in time.

The AICTE representatives, along with the judges and Nodal Officer, mentored the students for their respective problem statements in various mentoring/training sessions on 2nd and 3rd March. These teams were evaluated by a total of 30 judges from the Ministry as well as renowned software companies.
Hon'able Prime Minister Sh. Narendra Modi himself spoke to the participating students and organizers at all 28 nodal centres expressing his faith in the long terms benefits of this nationwide technological revolution.

The two-day schedule included a lot of recreational activities for the participants as well like Yoga Sessions, Zumba Dance Sessions & Red Bull Hour. These participants were provided lodging facilities within campus the in hostels of JECRC. More than 80 students of JECRC and around 50 faculty members were part of the organizing team that made this event possible. This event witnessed a footfall of many senior government officials and AICTE officials.

The valedictory session was graced by the presence of Mr. Rohit Jhamb, Vice President-HR, Accenture. He congratulated all the participant teams as well as Nodal Centre for successful organization of SIH 2019.

Over 80 students and all faculty members of JECRC took the responsibility for the successful execution of this national mega event. JECRC Team worked very hard with full sincerity, dedication, devotion and coordination to make this event successful.

Further, 10 teams from JECRC were also shortlisted to participate in SIH 2019 for different ministries at different nodal centres. Also ministries and Corporates have approached teams from JECRC to have internships with them, for at least one year and develop their solutions into workable models.

Mr. Prakash Javadekar, Union Minister
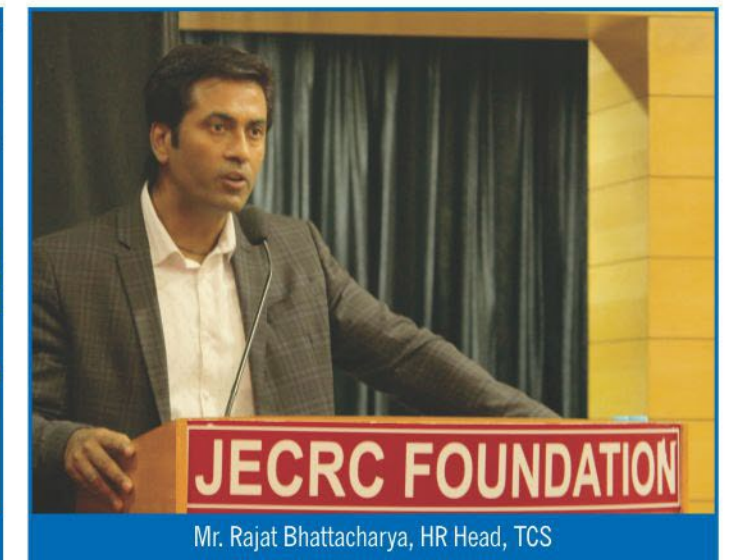
Events & Workshops

- TCS Contest Promotion Roadshow was conducted at JECRC by Mr. Amit Johri, Regional Head, HR, North India & Ms. Akanksha Sachdev, Lead, Campus Recruitment, TCS.

- Four International Conferences were organized simultaneously by departments of Electronics & Communication Engineering, Electrical Engineering, and Information Technology & Mechanical Engineering on April 6th – 7th, 2019.

- J-Techtrix 4.0, the annual project expo of JECRC was organised on 5th April 2019 in which more than 150 student projects were showcased.

- The 8th edition of JECRC MUN was held in March 2019. This year, we simulated six committees GA-DISEC, UNSC, UN-HRC, Lok Sabha, and Emergency Prime Minister's Meet along with International Press.

- An awareness session on importance of voting was conducted by official of Election Commission of India at JECRC in March 2019.

- The annual techno cultural fest of JECRC, Renaissance was conducted from 16th to 19th March 2019. Renaissance was preceded by Zarurat-Celebrating Innocence, the annual social service event and Sports Week.

- Department of Electronics & Communication Engineering & Optical Society of America-JECRC Chapter jointly organised a national conference on Recent Advances in Communication, Optics & Nano-Science.

- Department of Computer Science organised a national conference on Contemporary Issues in Computer Technology in March 2019.

- Department of Mechanical Engineering organized a two day National Conference on Futuristic trends in Mechanical Engineering in March 2019.

- As a remembrance of Pulwama attack martyrs, a tree plantation drive was conducted at JECRC by the social service group, Soch in March 2019.

- The student chapter of ACM was established at JECRC by the department of Information Technology.

- JECRC Foundation in association with CARS (Community Action for Road Safety) organized a seminar on Road Safety. The occasion was graced by Sh. Anand Verdhan Shukla (Retd. IGP), Sh. Vinod Haritwal (Secretary CARS) and Sh. Rajkumar Sharma.

- The grand finale of Smart India Hackathon organized by MHRD, Govt of India was held at JECRC on 2nd -3rd March 2019. JECRC was among the only 48 nodal centres selected in the country for this event wherein 32 teams from all over India came to participate in a 36-hour nonstop coding competition.

- A felicitation ceremony for the SDP donors and female donors of social service group Aashayein was organised in February 2019 in which IAS, Dr. Naveen Jain, Secretary, Skill, Labour and Employment Department and Retd. Capt. G. R. Choudhary, Indian Army were the guests of honour.

- An AMAZON WEB SERVICES (AWS) seminar was conducted in Department of Information Technology in which cloud computing and cloud service models, importance of AWS and its global infrastructure were thoroughly discussed. Mr. Sanjay Sharma who has more than 18 years of experience with reputed companies such as Tata Honeywell, NIIT Ltd, CDAC-ATC etc. conducted the seminar.

- A two day workshop on Digital Marketing was conducted at JECRC in February 2019. The expert, Mr. Abhay Ranjan has vast experience in the field of Google Analytics, SEO, SMO, Content Marketing etc.

- An interactive session on big data and data science was conducted by ATCS (Advanced Technology Consulting Service) focused on the automotive and healthcare sectors in February 2019.

- An interactive session with Mr. Rajat Bhattacharya, Head, Northern India HR & Government Unit HR, TCS was conducted at JECRC wherein he discussed the placement opportunities at TCS.

- An Entrepreneurship Awareness Camp was organised in February 2019 at JECRC by JECRC-RTBI & Laghu Udhyog Bharti with the aim to apprise students with the current business ecosystem.

- The 70th Republic Day was celebrated at JECRC on 26th January 2019.

- A two day workshop on Python was conducted by Code Planet Technologies at JECRC in January 2019. Mr. Parth Darak, Founder & Director and Mr. Chandrapal Singh Deora, Co-Founder, Director & Training Head of Code Planet Technologies, Jaipur.

- An ICT Based Short Term Course (STC) on "Web Application Security Audit" in association with NITTTR, Chandigarh was conducted at JECRC in January 2019.

- National Girl Child day celebrations were held at JECRC by the social service group Suhasini on 24th January, 2019.

- A massive blood donation camp was organised in October 2018 at JECRC Foundation in which 1578 units of blood were collected.

- International Day of Girl Child celebrations were held at JECRC in October 2018 wherein FICCI FLO Chairperson, Ms. Nitasha Chordia & Co-Founder, Pratham Software, Ms. Sumeeti Mittal were the guest of honour.

- 5000 students and staff members of JECRC Foundation participated in the third edition of Vande Mataram-Voice of Unity event organized HSS Foundation on 6th October 2018 at Rajasthan College.

- The 150th birth anniversary of Father of the Nation, Mahatma Gandhi was celebrated ta JECRC with much pomp and show. Various cultural events were organised on this occasion.

- Self-defence classes were conducted for female students of JECRC in the month of September 2019 by the Women Connect Cell in which senior officials of Rajasthan Police trained the students.

- The first edition of JECRC Intra MUN was conducted in September 2018.

- Engineers' day celebrations were conducted in all departments of JECRC on 15th September 2018.

- An Expert Talk on Development Vs Crime against Women was conducted at JECRC. Mrs. Pushpa Satyani, Joint Secretary to Govt. Technical Education Deptt. Jaipur and Dr.Kirti Sharma, OSD, Higher Education, Governor Secretariat, Jaipur were the guests for the event.

- 72nd Independence Day was celebrated ta JECRC on 15th August 2018.

- Free female hygiene products were distributed at JECRC to all female students and staff. This event was organised in association with P&G.

- The two day induction program for the incoming students of Batch 2018-22 was conducted ta JECRC in August 2018. Four of our exceptional alumni were also decorated on this occasion.

- Pratikriya-a smart feedback analysis and Management Application, a product from alumni startup was launched at JECRC by Dr. Ashok D. Jethva Assistant Commissioner of GST and Customs, Govt. Of India.

- An industrial visit to Jaipur Metro Rail Corporation was organised by department of Computer Science Engineering at JECRC in July 2018.
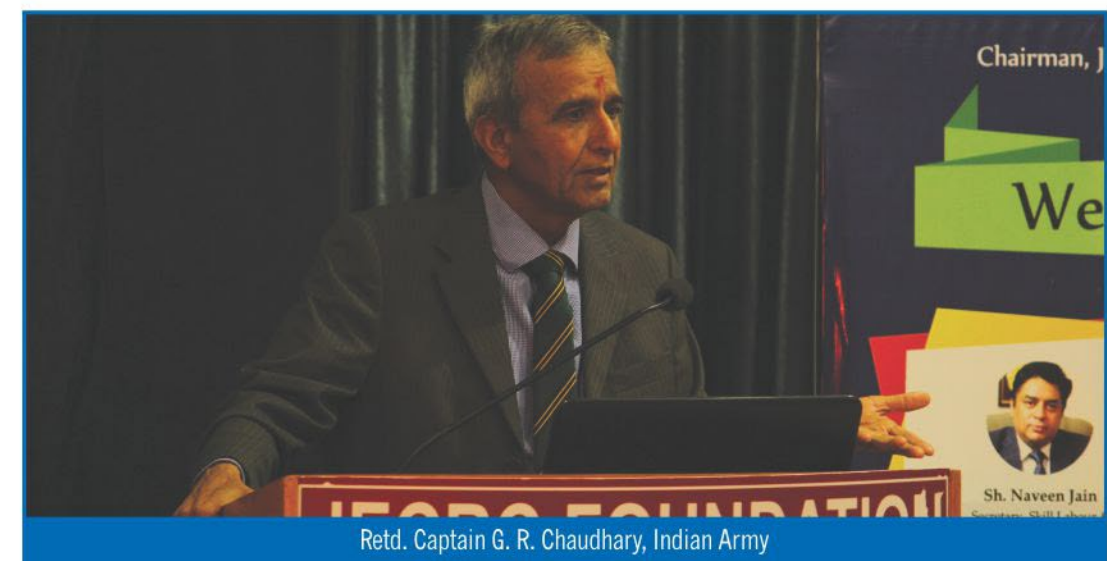

Wg. Cdr. Soban Bisht, Global HR, Pinnacle

Dr. Naveen Jain, IAS

Mr. Rajat Bhattacharya, HR Head, TCS

Retd. Captain G. R. Chaudhary, Indian Army

Achievements
Students & Staff

- Anushree Sharma student of final year ECE made a new world record of reciting values of square root TWO for most decimal places as she broke the previous world record. She recited 6002 values of square root TWO after decimal in one attempt.

- Akshat Khandal broke the previous world by reciting values of Euler's Constant (e) for most decimal places. He recited 10000 values of Euler's Constant (e) after decimal in one attempt.

- Vardaan Bhalla, 2nd year, ECE student wrote & composed a Bollywood song that was sung by Ravindra Upadhyay & Hritisha Rewadia.

- Naveen Jangir, a student of CSE branch, got shortlisted as a member of Students Development Club of Google International. Only 172 students from all over India have been given this recognition.

- Ruchika Badesra, student of 2015-2019 ECE branch, has cleared CAT exam with 99.18 percentile.

- Vidushi Gaur, student of 2015-2019 ECE branch, has cleared GATE 2019 exam with 99.27 percentile and secured 777 All India Rank.

- Vaishali, Kanad Meena, Ravinder Singh, Mahendra Singh and Tanu from I Year recieved first prize in various sports in the sports meet of Jaipuria institute of management.

- Sakshi Goswami from I Year got first prize in open mic competition at IIT Jodhpur

- Nikhil Pareek from I Year got to participate in All India NIT students' summit organized by Akhil Bhartiya Vidhyarthi Parishad.

- The dramatics club of JECRC, Face & Footlite won the street play competition at BITS Jaipur.

- Ritik Jain from I Year was awarded as campus ambassador of VIBRANCE 2019 organized by VIT Vellore.

- Manish Choudhary from I Year successfully completed Eleation's Ansys Level-1 course.

- Tanay Vijay & Harsh Vardhan scored 3rd position in National Electric Cart Championship 2019 in Bhopal organized by Credible Future India Pvt. Ltd.

- Saurabh Gupta, a student of ME branch, got Ist and IInd positions in Badminton Championship in LNMIT (21st feb to 23rd feb,2019) and SKIT(feb,25-27 Feb,2019) respectively.

- The Volleyball Team of JECRC participated in the sports fest of Jaipuria Institute of Management and stood 1st runner up.

- Tarun Dubey, 2nd Year student of ME branch is exploring his interests in the field of Stand Up Comedy and has won many awards at various open mic & stand up competitions in Jaipur region.

- Aditi Gupta, Diya Sharma and Shubhada Agarwal, 2nd year students from Mechanical Engineering Department won the 3rd prize in National Welding League of Women Students National Competition conducted in collaboration with AICTE, IIW and M/s Fronius in C.V. Raman College of Engineering, Bhuvneshwar.

- Team Moonriders, JECRC won the AUTOCROSS and lightweight title in NEKC Bhopal during 24-31st March-19 for their first ever Electrical Go Kart design.

- ABV-IIITM, Gwalior, organised its annual techno-cultural fest, in February'19. The main attraction of the fest were robotic and drone events. Team Xananoids of JECRC also participated in the robotic events named blazing wheels, course chaser, mini-war, and robo soccer. The team secured 2nd and 3rd position in mini-war, 2nd and 3rd position in course chaser and 3rd position in blazing wheels. In robo soccer, the team reached quarter-finals.

- Rajasthan Student Startup Exposure Program (SSEP), an initiative of Department of IT, Government of Rajasthan, with the vision to create a pipeline of young entrepreneurs in the state, selected 100 students from all over India, out of which, 9 were from JECRC Foundation. The selected students travelled on an all-expenses paid trip to the Silicon Valley, US for a two week programme where students were hosted by Menlo College in Menlo Park, Silicon Valley.

- A hackathon event was organised at SKIT, Jaipur in February 2019. Out of 126 shortlisted teams from different colleges of Rajasthan, 12 teams were from JECRC. Team AVENGERS from Department of Computer Science & Engineering, JECRC stood First Runner-Up. 3rd year students Abhishek Mohata, Dhairya Gulgulia, Abhilash Tiwari from team AVENGERS developed E-Attendance System using technologies such as Machine Learning, Python, SQL etc.

- #CodeItChallenge, an online codingchallenge was conducted by CodeForVision where second year students Jayesh Joshi and Piyush Bohra from Department of Computer Science & Engineering won first position.

- Team CodeForVision was selected for the Grand Finale of most renowned Hackathon- Smart India Hackathon (SIH) and stood as a runner-up at GITS, Udaipur. The problem statement was based on the simulation model to optimise the packaging cost and to prevent the damage of food products during supply chain. The team includes Namandeep Singh (Leader), Yukti Goswami, Soumil Khandelwal, Mridul Upadhyay, Samyak Jain, Akshit Ostwal (3rd year students) along with mentor – Mr. Anoop Mehta, Assistant Professor, Department of Computer Science & Engineering.

- The girls' cricket team of JECRC were winners of the cricket tournament in the 7th National Sports Meet'19 held during Feb'19 at Jaipuria Institute of Management.

- Dr. Nilam Choudhary, Associate Professor, Department of Computer Science and Engineering attended 84th International Research Awards in Engineering Science & Management during Oct. 5th- 6th, 2018 at Bangalore and received Certificate of Achievement as a Women Researcher Sciences

- Dr. Neelam Chaplot, Dr. Bhavna Sharma, Mr. Ankur Raj and Mr. Geet Kalani from Department of Computer Science and Engineering received award in "Appreciation for fostering an ecosystem bridging Government, Industry and Academia" from DST and Texas Instrumentation for mentoring students in "India Innovation Challenge Design Contest 2018".

- Dr. Sanjay Gaur Associate Professor of Department of Computer Science and Engineering has received award of appreciation in International Conference on Information Communication Technology held in Panji-Goa organized in association of Springer International.

- Team Kryptonite of IT department at JECRC, won the RTU-SKIT Hackathon. Team Krypton developed an Android app which can verify details or KYC of the users with the help of facial recognition. Team members included, Mohit Shah, Md. Rameez Raja, Akshita Rawat & Ayush Khandelwal.

- Vishal Gupta of Department of Electrical Engineering, won the rattle bots event at MNIT Jaipur in September 2018.

- Anant Sharma of Department of Electrical Engineering, won the blow beast event at J K Lakshmipat University, Jaipur in October 2018.

- Shaswat Tripathi, a 3rd year student of Electrical Engineering was the 2nd runner up of Jaipuria Quiz League 2018.

- Dr. Vijay K Gali & Dr. Prerak Bhardwaj were awarded Ph.D degree from MNIT, Jaipur.

- Mr. Shailendra Shrivastava, Mr. Vishal Sharma, Mr. Ashok S. Chundawat, Mr. Gopal Tiwari & Mr. Ram Singh had their papers published in International Journal ISST-JEEE, ISSN 0976-7363

- Dr. Nilam Choudhary was honoured with Mrs. Education Icon 2018 award by Dr. Jagannath Patnaik, Jury Member of Ms/Mrs/Mr Education Icon 2018 Contest in Mumbai in December 2018.

Training and Placement

A Strong Foundation for a Brighter Future

With a strong industry connect; JECRC foundation has a proven track record of conferring excellent campus placements and industrial training to the students in many reputed industries. JECRC builds a solid foundation in terms of knowledge and personality for its students to perform consistently and excel at every stage in their career. At the end of the sixth semester, students are sent to industries for industrial training of 60 days to get them hands-on experience of what awaits them in a professional environment. Along with this, specialized coaching sessions are conducted for a month to prepare students for the aptitude tests, group discussions and personal interviews.

JECRC has consistently maintained its excellent track record of placements. We have been attracting reputed IT Companies viz., Accenture, Capgemini, IBM, Mindtree, TCS, Deloitte, HSBC Software, MTX, Sopra Steria, Zycus, Newgen Software etc. More than 70 companies have visited and made 735+ offers out of which more than 9 companies have offered a package of more than of. 6 Lacs. The average and highest package rolled out are Rs 3.6 lacs and Rs. 10 lacs p.a. respectively, across the sectors like Research Software/Technology, IT/TeS, Manufacturing, Power & Energy, Real Estate, Finance, Management, Product Development, Automobile, Academia, Hospitality and many more.

CORE Industries

This year again JECRC has proven its worth by inviting giants from the Core Sector and made a different stand, as these companies mostly visit IITs and NITs only

Core Companies like Mahindra & Mahindra, FEV, Pinnacle, J.K. Cement, GR Infra, Bridgestone Tyres, Ericsson India, ZS Associate, Ashiana Housing, FL Smith, Liugong India Pvt ltd, Tractors India Pvt Limited, Tata Technologies Ltd. are few top reputed core companies who have considered our college students and visited us to recruit them.

Internship / Training Opportunities by College

JECRC is not only committed towards the best placements for its students but also, gives due importance to the internship and training vertical for the pre-final year students. Considering this fact, the JECRC Foundation, has taken another initiative this year by establishing a new cell that functions for bringing internships to pre-final year students. This vertical dedicately works for finding new internship opportunities for the students, bringing the best possible opportunities for its budding engineers.
Soft Skill Training Specialized soft-skill classes, personal interviews and technical sessions are organized to prepare students for campus placement. A dedicated faculty has been separately assigned the intricate task of developing communication skills right from the first semester. As a result, in the previous year almost all of our students got placed in reputed companies through campus placements.

Industry Specific Learning:

We provide intensive training to our students on emerging technologies like AI, IOT, Machine learning, Embedded systems, Salesforce, RedHat Linux in addition to their regular curriculum to prepare them for the Industry. Many of our Pre-final year students have taken training on live projects and are getting certified in these technologies. Also we encourage our students to participate in Hackathon, a problem solving competition and motivate them to participate in Smart India Hackathon, an event organised by MHRD every year. JECRC Foundation was centre for two Ministries for Smart India Hackathon in the year 2017, and in 2018 it was chosen as Centre for the Information and Broadcasting Ministry. JECRC University was centre for the Ministry of Power, Ministry of Culture, Hero Electric Vehicles and TATA Motors this year.

Outset Group:

The institution believes in holistic development of the students and avails all available resources towards the achievement of 100% placement. JECRC Management has taken a unique initiative of starting a vertical exclusively for placement of students with less than 60% marks and many backlogs. This group works for providing training, motivation and opportunities to students who face difficulties with campus placement. With the untiring efforts of this group about 140 students have been placed in good companies with an average package of 2.1 LPA and maximum package of 5 LPA.

Technical Contest Participation:

JECRC students are regular participants in a various contest organized by companies, from time to time. Some of them are national and state winners in which they have also won internships opportunities and job offers. We always motivate and encourages students to participate in these events.

- TCS Next Step Contest such as Ninja, Code Vita, EnginX, Testimony & DISQ: Around 56 students from JECRC Foundation were able to grab offers from these contests at high packages up to 7 LPA.

- Microsoft Imagine Cup: 3 of the JECRC students were able to reach to the final round (nationally) of Imagine Cup conducted by Microsoft Corp.

- LnT TechGium: 4 teams from JECRC Foundation were called to Mumbai, Corporate Office of LnT for Final Round of Presentation.

- Other Contests: Students of JECRC have also participated in other contests conducted by reputed companies like Sapient, Mindtree, TATA Motors, Google, Deloitte, SAP, Shell etc to showcase their innovation skills.

IAESTE LC JECRC

IAESTE is an independent, non-profit, non-political and non-governmental international association that deals with the exchange of students for technical experience. Student pursuing technical education (particularly in science, engineering and the applied arts) are provided with opportunities to apply for paid, course-related, training abroad. With over 80 countries involved and exchanging over 7000 job offers search year worldwide, it is the largest organization of its kind in the world, affecting around 3,35,000 students since its inception. IAESTE provides students with a unique opportunity to gain relevant technical training that lasts from 4-52 weeks. IAESTE India LC JECRC is the flagship student exchange programme of JECRC Foundation running from the past 4 years. Till date 116 of our students have benefitted through the exchange programs at IAESTE JECRC.

Our Corporate Collaborations

JECRC stands accredited by Tata Consultancy Services for recruitment purposes. We are active members of AIP. We make sure that all our students are members of Campus commune and participate in all competitions and activities under it. Our students have participated in highest numbers among colleges across North India in all activities under campus commune such as Code Vita, Testimony, ENGinex, DISQ etc. Many students get selected through these competitions. Ten of our students have been selected for the DISQ Program of TCS. Many of our students have been selected for remote internships also and later to the company because of excellent performance during their remote internships.

Ericsson conducts Telecom Essential Training for students under Career Connect program. Experts from telecom industry train 50 students in a batch every year in telecom domain. Students are trained about mobile networking, present and future technologies in the field of telecom. The training also covers fundaments of internet through mobile. The real-life problems and solutions to the problems, shared by the industry experts add to skills and knowledge of students beyond the learning from books.

After the training students have to appear for the test to get certified for the training. The training has helped students during the recruitment by the telecom companies. This resulted in recruitment of about 20 students from JECRC.

Pinnacle InfoTech organizes specialized training in CAD, CAM, BIM Technology etc for our students at JECRC. This has resulted in recruitment of about 100 students from JECRC Foundation. This year Pinnacle Infotech has chosen JECRC College as Corporate Training Centre not only for JECRC students but for students selected from other colleges of region too. All the offered candidates have undergone in 2 months rigorous training by their domain experts.

First Microsoft Innovation i-spark centre in Northern India. Microsoft Ed-Vantage: JECRC Foundation is a Platinum level member of Microsoft Ed- Vantage Program. This program facilitates students through technology sessions and workshops by experts along with offering opportunities for internships and employability to the bright students. A good number of our students are certified as Technology Associates, Office Specialists as well as Solution Associates & Developers under this program. Apart from this, our faculty members have also marked their presence on Microsoft Educator Network as Innovative Faculty, 2015 and are able to publish their work on their portal.

IBM has established software centre for excellence fully equipped with IBM Technologies software, courseware and other educational resources. We have conducted many training programs on IBM tools. Many students are getting certified on these tools every year. Faculty members have been trained on Rational Unified process tools and they in turn impart training to students. Our students have been taking part and winning prizes in "The great Mind Challenge "contest organized by IBM.

JECRC University has entered into an Exclusive Partnership with ADOBE to offer Digital Proficiency and Creativity skills using Adobe Spark. This initiative would be a part of Adobe's national program 'Adobe Digital Disha'. JECRC University is the first institution in Rajasthan to get into a partnership with ADOBE. Under this exclusive partnership, JECRC University shall get:
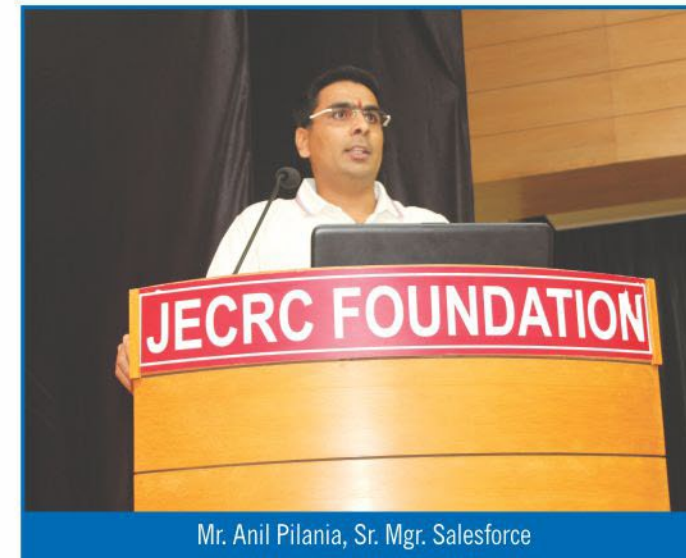
- Hands-on sessions from ADOBE Experts
- Joint certificate for faculty/students from JU and ADOBE
- Project Competition Winners awarded by ADOBE in a Grand Ceremony
- Artificial Intelligence platform ADOBE Sensei
- Free Licenses of Adobe Spark

Soon, a project competition shall be started by Adobe, wherein students will be given one problem statement that is to be solved using ADOBE Spark. The top 10 Project Solutions from the University will be awarded by ADOBE in a Grand Ceremony.

JECRC University has entered into an academic alliance with UiPath, which is a leading company in the field of Robotics Process Automation. UiPath has it's headquarter in New York and offices in 29 countries. Robotics Process Automation is the latest technique of Artificial Intelligence in which intelligent Software Robots are created. Under this partnership, UiPath shall render training and capacity building workshops to the students and teachers of JECRC University. Also, University envisages to run the course of Robotics Process Automation, which has been designed by UiPath into four layers, as an elective subject for the students of fifth semester. This will enable the students to create robots of their own. JECRC University is the first University in Rajasthan to have a tie up in the field of Robotics Process Automation. Further, as several IT giants are making huge investments into this field, millions of job will be available for the Robotics Process Automation professionals in the coming years.

Mr. Anil Pilania, Sr. Mgr. Salesforce

Mr. Lokendra Singh, Tax Asst. GST & Customs

The JECRC Advantage

Cultural Fest - Renaissance

The national level techno cultural fest of JECRC, Renaissance has made a niche for itself among all colleges in the region. It's the second largest college fest of Rajasthan organized every year in March and witnesses a footfall of more than 6000 students from top colleges from across the country. Renaissance provides a versatile platform for all students to learn and explore the various dimensions of their personality and showcase their talent. It invites students from all around the globe to put their inventiveness, ingenuity and aptitude to test. Our flagship events like Adaa(Fashion Show), Bootstrapping(Choreo Night) & Robo War are much talked about properties in the college circuit of the region. 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 all robotics events in Renaissance were conducted using poly carbonate sheet and steel base which was done for the first time in Rajasthan. In past we have witnessed notable celebrities visit 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.

Student 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. For students inclined towards social services we have clubs like Zarurat, SOCH, Aashayein and Suhasini that are doing commendable job in enriching lives of the underprivileged sections of the society. We have two dance clubs Enigma & Khaalas, dramatics club Face & Footlite, fine arts club, Atrangi, the official college magazine J-Mag, photography club Fotografreaks, robotics club Xananoids, mechatronics club Moonriders and many more such clubs providing opportunity to nurture talent of young minds.

Model United Nations

Established in 2012, JECRC MUN has become the most widely acclaimed platform for the development of diplomatic and leadership skills in Rajasthan. Conducted annually, this legacy has been consistently improving and enhancing to provide the best debating environment to delegates from all across the country and spreading its wings over international boundaries. In the eighth edition of 2019, seven different committees were simulated that witnessed overwhelming participation. The collaboration from UNIC uplifted the worth of our fraternity. The delighted delegates and contented members were the testimony to the grandeur of the conference. We were graced by the esteemed presence of Dr Jawahar Surisetti, a renowned psychologist and TED Speaker, and Ms Hari Chandana Dasari, a young and dynamic civil servant. In earlier conferences, the stage of JECRC MUN has witnessed the glorious presence of personalities like Shri Mani Shankar Aiyar, a former Indian diplomat and Shri Anand Chulani, International Speaker. The success of this eighth edition of the conference marked JECRC MUN as the supreme leader of the circuits of the region. 6 committees namely GA-DISEC, UNSC, UN-HRC, Lok Sabha, and Emergency Prime Minister's Meet along with International Press were simulated.

Start Ups at JECRC

At JECRC we encourage students to not just be job seekers but to become job creators. Since the establishment of DST sanctioned Entrepreneurship Development Cell various training sessions have been organized to provide students with the technical knowhow of setting up a business. Attributed to these efforts a number of students are now running their startups. In the last one year 12 startups have come out of JECRC. Wheely Repairs & Vite Care Services are ventures in automobile servicing, bookclues.com & bookbuggs.com provide low cost books to engineering students, FESTEE deals with branded merchandise and there are many more. JECRC Foundation has also declared a dedicated space of 4000 sq ft and a seed money of 20 million INR for the establishment of an Incubation Center for present and past students of JECRC who need help in establishing their own start up.

Vande Mataram, Voice of Unity

Vande Matarm, Voice of Unity, organized in Jaipur on 6th October 2018, was an event of unmatched parallel in terms of its grandeur and outreach. An ensemble of more than 50 thousand people was brought together by Hindu Spiritual & Service Foundation to witness this historic occasion where more than 500 musician flew in from all across the nation to present a rendition of National Song, Vande Mataram on 18 kinds of musical instruments. Highlights of this year were renowned Bollywood singer Vaibhav Vashishth & Ismail Khan langa group. JECRC Foundation represented its solidarity with this movement by registering its presence as the largest contingent with more than 6000 of its students and faculty members present. This event was a perfect example of team coordination and hard work accentuated by an undercurrent of strong love for one's nation. There was an extensive media coverage of this event, both in electronic & print media.

J-Techtrix

"Necessity is the mother of all inventions." taking inspiration from these words, the students of JECRC Foundation, Jaipur developed scientific and technological projects, finding their applications in various fields which proves the calibre of JECRCians not only in theoretical but also practical experiences of life. All this occurred during J-Techtrix 2019 organised on 5th April 2019, which is the fourth edition of J-Techtrix, conceived in 2016. Carrying forward the legacy, J-Techtrix 2019 was inaugurated by Arpit Agarwal, Director, JECRC Foundation, Dr. V. K. Chandna, Principal JECRC, Dr. Ruchi Mathur, Dean First year & the esteemed dignitaries of the Foundation. With the huge participation of approximate 325 students and 150 projects, the campus witnessed many great ideas that can change the future of technology. Various models, both static and dynamic was presented from different branches of Computer Science and Electronics, Information Technology, Electronics & communication, Civil Engineering, Electrical and Mechanical Engineering. The participants presented and explained the projects on efficient power usage, administrative websites for government use, engineering models for bridges, robotics etc.

JECRC-RTBI (Rural Technology Business Incubator)

JECRC's Rural Technology Business Incubator (RTBI) is under a registered not-for-profit society (Society for Transforming Engineering Education). Established as a formal business incubator with the inception support of the Department of Science and Technology (DST), Rajasthan, the aim of RTBI is to support rural and social inclusive start-ups, primarily those that enable scalable products and services for the under-served and bottom-of-the-pyramid segment.

Its mission is to transform job seekers into job providers through engineering education. It shall provide basic business amenities and support required by the new startups to survive and thrive in their initial growth phase.

Incubates are selected on the basis of feasibility and innovativeness of business idea. Engineering undergraduates, graduates, faculty members and even functional startups are eligible for availing incubation and business support services from the RTBI.

Learning beyond Curriculum @ JECRC

The fast paced growth being witnessed in the Indian economy and the rapidly changing face of Corporate India has necessitated deep and abiding changes in the nature and method of education. The Learning Beyond Curriculum is a strategic initiative undertaken by JECRC to integrate various facets of industry experiences into the curriculum. As a part of this initiative, experts of various technologies, currently relevant to industries are invited to inculcate their skills within our students. This not only helps students to take their learning out from the classroom but also increases their employability quotient by mentoring them to have an application and performance driven mindset, critical for building a successful corporate career today.

Salesforce Training Module

Salesforce Training module was conducted at JECRC from 17th January to 23rd March 2018. This module that ran for more than two months trained students on 5 modules viz. Introduction, Customer Relationship Management, Administration and Development & Lightning. A large number of students were trained in this duration. The module has been beneficial in improving the technical knowledge of our students in the fields of informational organization, CRM for enhanced communication, automation of everyday tasks, improved analytical data and reporting. On completion of this training the students were handed out salesforce badges and salesforce super badges.

Embedded & Robotics Design Training

Embedded & Robotics Design Training was conducted at JECRC in collaboration with Sakrobotix Research & Startup Centre from 19th January to 22nd January 2018. A large number of studnets from departments of Electronics & Communication Engineering & Electrical Engineering participated in the training. On successful completion the students received certification from Sakrobotix and IIT Bhubneshwar. The students were trained on external hardware interfacing and 8051 microcontrollers functioning and architecture. Level 2 training will start in next phase next year with updated and higher technologies syllabus like (Raspberry Pi, Arduino, ARM processor and IOT etc.).

Forsk Technologies

JECRC has signed MoU with FORSK Technology. The objective of this MoU is to bring industry approach of solution development and product engineering to engineering candidates through project based learning through project based learning backed by data and technology. Project-based learning is a dynamic classroom approach in which students actively explore real-world problems and challenges and acquire a deeper knowledge. FORSK will offer project based learning in IoT (Internet of Things) and Machine Learning (Data Science) to JECRC students.

TechieNest

During this training students would be trained in Embedded Systems & Robotics and they would be also aware about IoT technology. The detailed contents will be covered during a two month program. After completion of this training, students would be prepared to design Voice Control Robot, SPY Robot Gesture Control Wheel chair, GSM Based Notice Board, Multi-Layer Security System, SMART Home Automation System (Voice, Remote, Smart Phones, Internet etc) RFID based Attendance System using Local Database, Maze Robo, Grid Control Robo, Line Follower Robo, Password access. It will help them in grabbing various job opportunities in MNCs.

CADD Software

JECRC in collaboration with CADD-CENTRE under National Skill Development Corporation (NSDC), Ministry of Skills set up by Govt. of India, offers affordable CAD (Auto Cad/Solid works/ANSYS) training for individuals. As CADD CENTRE is a reputable providers of CAD skills training, will teach students to develop genuine CAD skills which will be appreciated by employers. Students will know how to simulate and validate the performance of products of all manufacturing sectors including automotive and to simulate every structural aspect, including linear static analysis of a single part of a complex assembly with hundreds of components interacting through contacts or relative motions.

Linux by Red Hat

JECRC has organized training on Linux by RedHat which itself is a renowned name in the field of IT-Sector. RedHat have started RHCSA free of cost training program in which various students of CSE, IT, ECE and EE have participated. RHCSA is an entry-level certification that focuses on actual competencies at system administration, including installation and configuration of a Red Hat Enterprise Linux system and attach it to a live network running network services.

After completion of training students will get prepared for RHCSA (Red Hat Certified System Administrator) Exam and after this exam they will be RHCSA certified which will help them in grabbing various job opportunities.

Sandeep Narula: Associate Manager, Accenture

Mr. Chirag Singhal, Manager, Metacube

abhyudaya
Social Face of JECRC

At JECRC Foundation, we believe the growth of the nation is deeply imbibed in growth of all sections of the society. It is the youth of the nation which forms the most important pillar of any society. For the growth of the society, it is the moral duty of every student to gather wisdom and knowledge and pass it on to the less privileged members of society. These groups actively involve more than a 1000 students of JECRC and have revolutionized their perspective towards the most fundamental issue facing this country's society. These groups cater to the needs of the less fortunate sections of the society by providing them with free education, medical care, stationery and other resources. Over the last 8 years, these groups have touched the lives of more than 25000 persons in need, be it the kids of slum dwellers or senior citizens of old age homes or blood donation for patients or cleanliness & sanitation training for villagers. These kids are also aggressively spreading the importance of protecting the female child in our society. In this quest we are honored to have the leadership of Nobel Laureate Mr. Kailash Satyarthi with us. His continued guidance to our attempts, both in person and in thoughts, is a source of great inspiration.

Suhasini

Emerging with life's mantra -" A vision and mission to make a better place for girls to live in" ,students of JECRC laid the foundation of SUHASINI on National Girl Child Day, 24th January 2015. Since its formation, the group is working actively and dedicatedly for the cause "BETI BACHAO, BETI PADHAO." To bring a change in the society for girls, Suhasini works in various domains concentrating on problem related to girls through surveys and field visits followed by regular monitoring. For this, the team visits selected localities and schools on a daily basis. Awareness sessions at schools and Gram Panchayats are regularly held. The team works for the skill development of the students in villages too and provides them a proper stage to showcase their talent. Suhasini also organizes 'Story behind Red', an awareness campaign for menstrual health and hygiene wherein girls are educated about the importance of maintaining hygiene during menstruation and kits are distributed for the same. Apart from this, the team also organizes celebration on International Women's day, National Girl Child day , International day of girls at college campus as well as in city area and has performed Nukkad Natak at various places like Shree Ram ki Nangal, Janpath, Gaurav Tower, Jal Mahal, City Palace and Amber Fort. The team is also very active on social media and organizes social media campaigns like Selfie with girl child, She My Strength, Dream I Can etc. In the journey so far, Suhasini has succeeded in connecting more than 12,000 people from villages and different areas of Jaipur city with the cause and has connected more than 180 girls with the education mainstream.

Zarurat

Zarurat is a students' organization, working in the direction to provide elementary education free of cost to the underprivileged children living in the nearby slum areas of JECRC, Jaipur. The motive of Zarurat is to not just to impart elementary education to slum children but also to introduce them to the modern world of learning in a way that every child should have. Zarurat focuses on imparting a healthy all round development of those children who are deprived of the same. Zarurat started with 60 students from the slum areas and has grown to more than 200 students. The team distributes clothes, stationery, food items and other essentials to the children at regular intervals to help them continue with their studies. Zarurat has been organizing an annual event "Zarurat- Celebrating Innocence" for children at different NGOs of Jaipur, since last 8 years. Around 300 children are a part of this gala event which gives them a day that is full of joy and happiness.

Live Blood Donation Initiative-Aashayein

Aashayein is a student initiative of JECRC that works 24*7 to meet the blood requirements of families in distress. These students are available round the clock for live blood and platelets transfusion and have saved lives of over a hundred patients suffering from dengue when the city was hit by this deadly disease. In emergency cases, these students rush to different hospitals across Jaipur city and donate blood to the needy. Aashayein also organizes annual blood donation camp. With the unsung support of the lifesaving donors, more than 1400 lives has been saved by live SDP transfusion and by collecting 14,292 units of blood in past 13 years under the walls of JECRC Foundation.

SOCH

Soch is a social initiative that aims to work for the betterment of the society, we are living in. Its aim is to help the underprivileged sections of the society and to work at the grassroot level and serve the needy by providing them with the basic necessities of love and care. Apart from this, SOCH encourages students of the foundation to think out of the box and realise their social responsibility. To achieve its goals, SOCH conducts health checkup camps at regular intervals. The group also organises the Vastra Samman drive, where visits are made to old age homes and orphanages and blankets and other clothing items are distributed among the needy. SOCH is also actively involved in the cleanliness and tree plantation drives at JECRC.

Parijaat

Paarijat, was born on 8th September, 2013 with a vision of creating a 'Global Civil Society'. Just like its name, Paarijat is a unique group with the aim to use technology 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. 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.

Padma Shri D. Prakash Rao

Activities at JECRC

Sports

Students of JECRC have participated in curricular, co-curricular and extracurricular competitions organised by other institutions and won several prizes. Sport competitions are organised under the supervision of qualified sport officers. A good number of girls have bagged first prizes (shields and trophies) at other institutes in face of very tough competitions. We have ample of facilities for indoor & outdoor sports. Special self-defense classes have been initiated for female students where they are taught the art of Karate by a black belt holder in Shotokan Karate.

Joy of Giving

'Joy of Giving Week' is an observance of giving and spreading love. Drenched in the tides of joy, the Joy of Giving Week is celebrated fondly all across the country in the first week of October. JECRC Foundation celebrated the 'Joy of Giving Week - 2018' from 3rd Oct to 9th Oct. The student members of 'Zarurat - The Help Beyond', a group working to educate children of underprivileged part of the society, took a step ahead to bring smiles on the faces of children by giving goodies to them. The festival was a joyride, experiencing a massive participation from students and faculty members alike.

Clean & Green Campus Drive

In pursuance of the Hon'ble Prime Minister's directive, our college has been organising awareness programs for Swachh Bharat Abhiyan as well as Harit Abhiyan. The students and staff take part in periodic tree plantation, campus cleaning drives and also perform Nukkad Nataks that depict the vitality of cleanliness in our lives. Many dignitaries have visited our campus and appreciated our efforts for this cause.

Extended Facilities & Accomplishments

Aura Research Lab

JECRC has set up an aura research lab in association with the Department of Science & Technology under the project 'Validation and scientific basis of meditation & omnics to cure various diseases and their role as therapeutic targets'. The objectives of this lab are to prove that meditation involves neurophysiological processes and has a long term impact on the brain and to validate meditation and omnics as a scientific tool & to cure Sleeping Disorder/Diabetes/Blood Pressure through meditation. Two junior research fellows have been exclusively appointed to carry out this project. This lab has been established by studying the facilities at similar labs in Global Hospital & Research Centre, Mount Abu and MIT, Pune. "The lab conducts health and well being check up camps by inviting specialists from the field."

Women Cell

A seven member women cell has been formed to look after the security and grievances of female staff and students as well as to work towards gender sensitisation 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 organises informal talks, personal counselling, general interactions and lectures.

Gyani- The Humanoid Robot

Gyani is a humanoid robot developed by the students of JECRC Foundation. This robot has been developed by the team Stargent which comprises of eight members- Keshav Jangid, Rakshit Porwal, Naman Sharma, Priyanshi Khandelwal, Aditya Surana, Rajat Arya, Jatin Sharma, Komal Sharma. These students under the guidance of Dr. Barkha Srivastava, their faculty mentor, worked tirelessly for the past six months to come up with a full scale robot that has been created using the most efficient software and hardware platforms. Gyani is based on Raspian OS and is capable of face recognition through its dual HD camera. It is Bluetooth controlled and has Omni directional wheels. Gyani is a repository of information and can prove very handy as a single point of contact that can disburse critical & reliable information to visitors at public places like railway station, hospitals, educational organizations and malls. Because of its multidimensional functionalities, Gyani was also featured by the News 18 channel. Gyani is a stepping stone and research is on to develop more sophisticated versions of it.

Statutory Compliance

Scholarships

As per circular No. F.1-27/2009 (SCT) dated February 2013, issued by the University Grants Commission (UGC), New Delhi, all eligible SC/ST, OBC, PwD, students should submit their scholarship form for the academic year by February for processing of scholarship to SC/ST, OBC, PwD students each year.

On Campus Electronic Surveillance

CCTV Cameras have been installed at various strategic points in the campus which record all the activities in the campus on a 24*7 basis. This has been done to ensure greater safety and protection of our students and staff and to also assist in the general administration of the institution.

Anti-ragging

As per guidelines issued by the Hon'ble Supreme Court of India, an 'Anti-ragging Committee' has been formed at the college and this high-powered committee functions under the chairmanship of the Vice Chairman, JECRC. Any student found guilty of ragging is liable to face severe punishment, which may include being debarred from lectures and examinations, exclusion, rustication and fine. Any complaint of ragging will also be lodged with the police. However, with collective efforts of the faculty, management directives and support of our students, no incident of ragging has been reported in recent years at the campus. The JECRC campus therefore is ragging-free.

Smoking-free and Tobacco-free Campus

As per recent communication (copy of D.O. No. 1-9 / 2006 (CPP-II) dated April 3, 2013) received from the Ministry of HRD through the University Grants Commission and Rajasthan Technical University, Kota, the campuses of all educational institutions have to be SMOKE FREE and TOBACCO FREE. Accordingly, use of cigarettes and other tobacco products is totally prohibited on the campus.

Grievances Redressal Committee

A special committee comprising of hostel wardens, senior faculty members and senior students residing in the hostel has been constituted with the Principal as the Chair to register and resolve day to day issues of students pertaining to amenities in the hostel and campus. This committee meets once every fortnight. The committee also carries out special surprise visits in hostels to ensure that all rules and regulations are duly followed.

Alumni Outreach Alma Connect

JECRC has a strong base of 10,000+ Alumni stationed at various locations across the globe doing pretty well in their respective fields. 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 be made to interact with each other leading to an ecosystem of multidimensional growth and future prospects the institution values relationships and our association with student is a lifelong bond. The college organizes regular interactive sessions with the alumni and the present students on "entrepreneurship" and "grooming of the student" to prepare them for the corporate challenges that confront them. JECRC already has 150+ alumni start ups that have not only established themselves well but also assist in placements and internships for the present students. The vertical has organized several events and activities like "Meet and greet sessions" where the students get to interact with the Alumni from various countries and fields and get their questions answered, The College also organized "Alumni Start-up Meet" and regularly organizes "Chapter meets". The college also recognizes the extra ordinary work done by its Alumni in various fields and confers upon them the very prestigious award " The Distinguished Alumni Award"

During the annual fest of the college, Renaissance, the alumni are especially invited to re-connect in the college and renew their bonds.

Alumni from across the world provide opportunities such as placements and internship in their startups and as well as in their companies they are working with.

Many more initiatives are in the process, for the mutual growth development of alumni, students and the Alma-Mater at large.

Mr. Neeraj Gang, IAS

Mr. Ritukar Vijay, Hi-Tech Robotics Systemz

Mr. Nittesh Tudu, Sakrobotics

Mr. Vimal Daga, CTO, Linux World

Fee Structure for the Session 2019-20

Class/Year for which the fees is to be deposited		Tuition Fee including Development Fee	
		Odd Semester	Even Semester
B. Tech. IV Year	Students who were admitted Session 2016-17	38500/-	38500/-
	Students who were admitted under Tuition Fee Waiver Scheme (TFWS) in Session 2016-17	11500/-	11500/-
	Students who were admitted (Through Lateral Entry) in Session 2017-18	38500/-	38500/-
B. Tech. III Year	Students who were admitted Session 2017-18	38500/-	38500/-
	Students who were admitted under Tuition Fee Waiver Scheme (TFWS) in Session 2017-18	11500/-	11500/-
	Students who were admitted (Through Lateral Entry) in Session 2018-19	38500/-	38500/-
	NBA Accreditation Fees (for ECE & ME only)	3000/-	
B. Tech. II Year	Students who were admitted Session 2018-19	38500/-	38500/-
	NBA Accreditation Fees (for ECE & ME only)	3000/-	
	Students who were admitted under Tuition Fee Waiver Scheme (TFWS) in Session 2018-19	11500/-	11500/-
	NBA Accreditation Fees (for ECE & ME only)	3000/-	
B.Tech I Year & LEEP-II Year*	Students who were admitted Session 2019-20	46000/-	38500/-
	NBA Accreditation Fees (for ECE & ME only)	3000/-	
	Students who were admitted under Tuition Fee Waiver Scheme (TFWS) in Session 2019-20	19000/-	11500/-
	NBA Accreditation Fees (for ECE & ME only)	3000/-	
	Students who were admitted (Through Lateral Entry) in Session 2019-20 (for IInd Year)	46000/-	38500/-
	NBA Accreditation Fees (for ECE & ME only)	3000/-	

*The above-mentioned Fee is subject to review by the State Level Fee Determination Committee of the State Government constituted in pursuance of the Orders of the Hon'ble Supreme Court of India and the Fees as may be revised by the State Government shall be applicable to all the students.

- The first installment includes a onetime caution fee of 7500/- payable by all students at the time of admission in first year and for LEEP candidates admitted in Session 2019-20.
- Second installment of fee (for even semester) is payable in November 2019.
- If any fee is levied by the government agency, the same will be deducted from the first installment of all students admitted in the session 2019-20.

Ms. Hari Chandana Dasari & Dr. Jawahar Surisetti

Bus & Hostel Fee

The following figures are subject to revision:-

Hostel Fee		Bus Fee
1st Installment	2nd Installment*	
55,000/-** **(Double & Triple Seated)** (If he/she avails this facility)	**25000/-** **(Double & Triple Seated)** (If he/she avails this facility)	**22,000/-** (If he/she avails this facility)

*Second Installment to be deposited in November 2019.

**The first installment includes a onetime caution fee of 5000/-

A Parent/Student can deposit the fees by any of the modes below:

1. NEFT in JECRC's Bank account as per details below

    Account details for depositing College and/orBus fee:

    Account Name: Jaipur Engineering College and Research Centre

    Account Number: 00540330002223

    Bank's Name & Branch: HDFC Bank Limited, Ashok Marg, C-Scheme, Jaipur – 302001

    IFSC: HDFC0000054

    Account details for depositing Hostel Fee is:

    Account Name: HOSTEL JECRC

    Account Number: 00540330002233

    Bank's Name & Branch: HDFC Bank Limited, Ashok Marg, C-Scheme, Jaipur – 302001

    IFSC: HDFC0000054

    After paying Fees through NEFT the payer should submit the UTR No. along with the student's detail for whom fees has been paid to the accounts department of the college for generation of receipt.

2. Through online payment gateway on JECRC website www.jecrcfoundation.com

3. Demand Draft in favor of "Jaipur Engineering College and Research Centre" for college fees and/or bus fees in favor o f "Hostel JECRC" for Hostel Fees.

    Note: Since the fees is interim till the notification of the state government. Please contact college for final fees amount. Fees shall be deposited by any of the above stated means only.

The fee counter at the college campus will remain open from 9:00 AM to 4:00 PM on all working days. DD's & Pay Orders can also be sent through Registered Post at the following address:

Registrar,

Jaipur Engineering College & Research Centre,

JECRC Campus, Shri Ram kiNangal, Via Sitapura RIICO, Opp. EPIP Gate,

Tonk road, Jaipur – 302022.

Ph: - +91-141-2770120, 2770232, Fax: - +91-141-2770803 | email: - registrar@jecrc.ac.in

Seat Structure

The number of seats available for admissions during the session 2019-20 in the First Year and Second Year Programs:
(College Code: 020)

	S. No.	Branch	Number of Seats	Remarks
First Year B.Tech. Admissions I Shift	1	Civil Engineering	120	In addition to the given seats, admissions are also made in TFWS and KM categories
	2	Computer Science & Engineering	180	
	3	Electrical Engineering	120	
	4	Electronics & Communication Engineering	240	
	5	Information Technology	90	
	6	Mechanical Engineering	120	
First Year B.Tech. Admissions II Shift (Evening Batch)	7	Computer Science & Engineering	60	
	8	Mechanical Engineering	60	
		Total	990	

	S. No.	Branch	Number of Seats	Remarks
Second Year B.Tech. Admissions under LEEP	1	Civil Engineering	12	Eligibility for admissions under LEEP is as directed by the Government of Rajasthan
	2	Computer Science & Engineering	24	
	3	Electrical Engineering	12	
	4	Electronics & Communication Engineering	24	
	5	Information Technology	09	
	6	Mechanical Engineering	18	
		Total	99	

Dr. Abhay Jere, CIO, MHRD

Mr. Ripudaman Morgan, Director, NSCPL

JECRC UNIVERSITY
JAIPUR

A NAAC Accredited University

JECRC University, Jaipur is devoted to excellence in teaching, learning, research and to developing leaders in several disciplines who make a difference worldwide. The University, is based in Jaipur - the Capital city of Rajasthan. The campus located around the prime Industrial and Institutional hub of Jaipur combines unique classical architecture and thoughtful layout and landscaping to create a perfect learning ecosystem.

The University has a current enrolment of over 5,000 degree candidates, including undergraduate, post graduate, research scholars and professional students. The JECRC Foundation has more than 11,000 alumni around the world. The University is known for a strong research culture and having close industry linkages. The constituent institutes of JECRC Foundation, namely, JECRC & JECRC University have registered themselves in the choicest list of organizations that are accredited by NBA & NAAC, acclaimed bodies of MHRD, Govt of India, respectively. It's noteworthy that, JECRC University has achieved this feat in only its 7th year of inception. Also among the 76 Universities currently offering graduation and post graduation courses in Rajasthan, JECRC University has become the 21st university to be accredited by NAAC. In the month of March 2019, JECRC also got accredited by NBA. This accreditation becomes all the more special considering that among all the colleges in Rajasthan, offering technical & management courses, only 11 have received this recognition.

The University offers degree courses at UG, PG and PhD levels, in disciplines of Engineering, IT and Software, Science, Business and Management, Hospitality & Hotel Management, Mass Communication & Journalism, Design, Agriculture and Law. The design of curriculum involves active participation of stakeholders and follows a systematic-cum-dynamic process and aims to enrich learning The University follows the principle of promoting an outcome driven curriculum, which is aligned with the institutional vision of producing students with global competencies.

The University has a Global Outreach Cell to meet the global challenges to work in collaboration with renowned Universities/ Institutions to train budding managers, scientists and engineers. The IAESTE LC JECRC has helped make 116 student exchanges in 29 countries.

Top firms like Google, TCS, Tata Technologies, IBM, Accenture, Wipro, Capgemini, HP, Adani Power, Sopra Steria, AON, Anora Lab, Ashiana Housing, Pinnacle Infotech, Mindtree, ICICI Securities, Hexaview Technologies etc. are the prominent recruiters at the University. JECRC Foundation has hosted more than 700 Companies for Placements which offered 10,000+ jobs to its students. Over the last 10 years, students at JECRC University are blessed to have 100% Six month Best-In-Cass Internships of which 81% are Paid (Stipend based) Interns; its noteworthy that, 53% of the internships are converted into full time regular jobs, after complete of the degree. The University has close rapport with renowned industries / institutions, like ISRO, DRDO, etc. for internships.

Majority of the students stay in the University campus having state-of-art facilities including Air Conditioned Apartment styled Hostels with Pantry, Gym and Cafeteria.

The various schools running under JECRC University are:
- School of Engineering and Technology
- School of Sciences
- School of Arts and Humanities
- School of Law
- School of Management
- School of Design
- School of Hotel Management
- School of Mass Communication.

All the schools conduct undergraduate, postgraduate and doctoral programs.

We would love to be of any further assistance, please contact us for additional information: **Toll Free Number: 1800-102-5616**

Contact Us

Jaipur Engineering College & Research Centre
Shri Ram Ki Nangal, Via Sitapura RIICO, Opp. EPIP Gate, Tonk Road, Jaipur 302022

Admission Helpline	Mr. Manish Jain Mr. Sunil Bhardwaj Mr. Kuldeep Sharma	9214699647 9928369263 9982682431
Registrar	Dr. A. Williamson	8209270915
Hostel (Girls / Boys)	Mr. P. K. Gupta	9982682475
Transport	Mr. Ravi Bhatnagar	9024149459
Office	Office Superintendent	0141-2770232 0141-2770120
Lateral Entry Admission	Mr. Vishwas Verma	9982682331