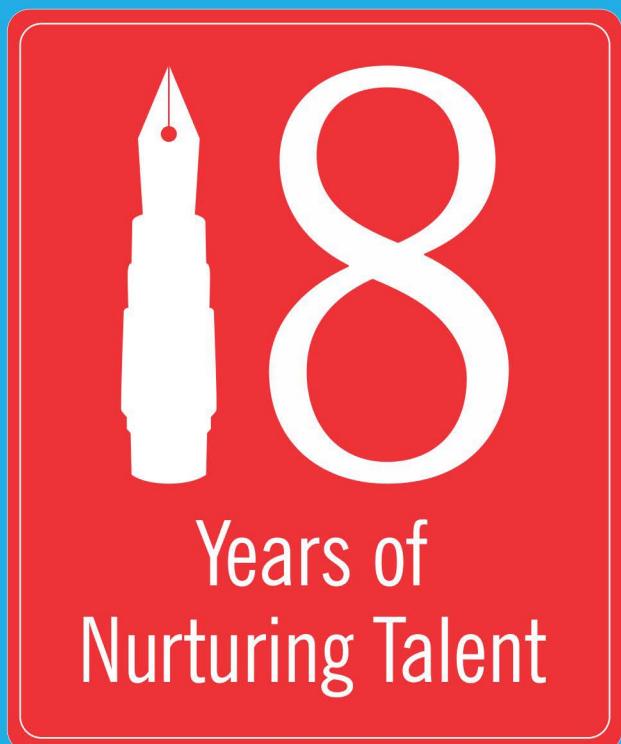




JECRC Foundation
www.jecrcfoundation.com



18 YEARS OF ACADEMIC EMINENCE



**JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE**

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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 2018-2019 is 2123 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 20% 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.



www.jecrcfoundation.com



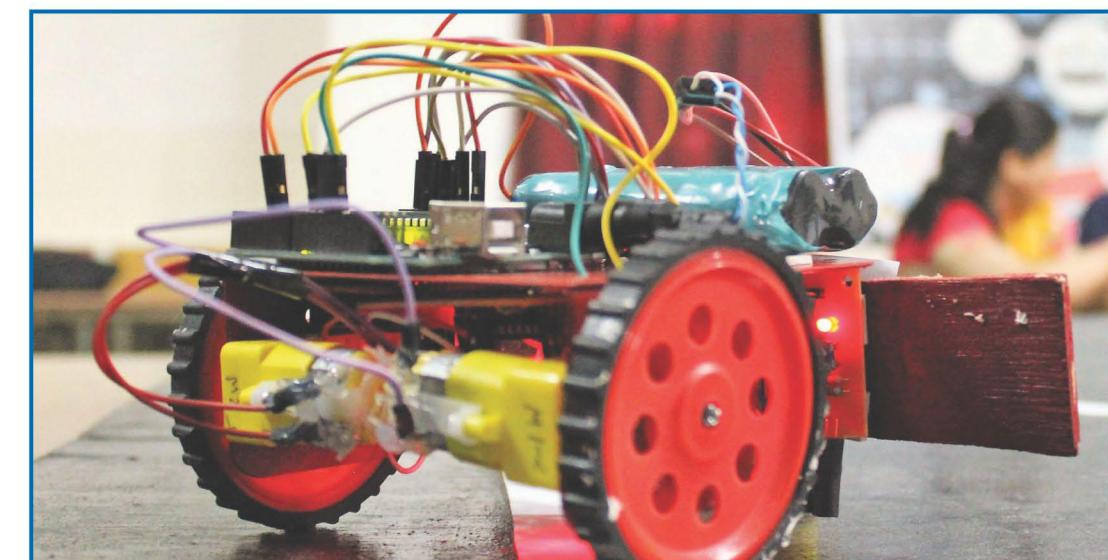
www.jecrcuniversity.edu.in



For the Second Time in a Row
Jecrc Foundation Produced

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

10 Student from
9 Student from



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





Dr. Vinay Kumar Chandra, Principal
B.E., M.E., Ph.D. (D.C.E.)
Sr. Member IEEE, LMISTE
MIEEE Education Society

Vision

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

Mission

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

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 programmes 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!



Fee Structure for the Session 2018-19

	Class/Year for which the fee is to be deposited	Tuition Fee including Development Fee	
		Odd Semester	Even Semester
B.Tech. IV Year	Students who were admitted in Session 2015-16	35,000/-	35,000/-
	Students who were admitted under Tuition Fee Waiver Scheme (TFWS) in Session 2015-16	6,500/-	6,500/-
	Students who were admitted (through lateral entry) in Session 2016-17	38,500/-	38,500/-
B.Tech. III Year	Students who were admitted in Session 2016-17	38,500/-	38,500/-
	Students who were admitted under Tuition Fee Waiver Scheme (TFWS) in Session 2016-17	11,500/-	11,500/-
	Students who were admitted (through lateral entry) in Session 2017-18	38,500/-	38,500/-
B.Tech. II Year	Students who were admitted in Session 2017-18	38,500/-	38,500/-
	Students who were admitted under Tuition Fee Waiver Scheme (TFWS) in Session 2017-18	11,500/-	11,500/-
B.Tech. I Year & LEEP II Year*	Students who will be admitted in Session 2018-19	46,000/-	38,500/-
	Students who will be admitted under Tuition Fee Waiver Scheme (TFWS) in Session 2018-19	19,000/-	11,500/-
	Students who will be admitted (through lateral entry) in Session 2018-19	46,000/-	38,500/-

*The above mentioned Fees 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 one time caution fee of 7,500/- payable by all students at the time of admission in first year and for LEEP candidates admitted in Session 2018-19.
- Second installment of fee (for even semester) is payable by 10th November 2018.
- If any fee is levied by the Govt. agency the same will be deducted from the first installment of all students admitted in the session 2018-19.



Bus & Hostel Fee

The following figures are subject to revision:-

Hostel Fee		Bus Fee
1st Installment	2nd Installment*	
50,000/-** (Double & Triple Seated) (If he/she avails this facility)	25,000/- (Double & Triple Seated) (If he/she avails this facility)	22,000/- (If he/she avails this facility)
50,000/-** (Four Seated) (If he/she avails this facility)	15,000/- (Four Seated) (If he/she avails this facility)	

*Second Installment to be deposited by 10th November 2018.

**The first installment excludes 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/or Bus 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 details or 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 of "Hostel JECRC" for Hostel Fees.

Note: Since the fees is interim till any further notification of the administration. 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 ki Nangal, Via Sitapura RIICO, Opp. EPIP Gate,

Tonk Road, Jaipur – 302022.

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



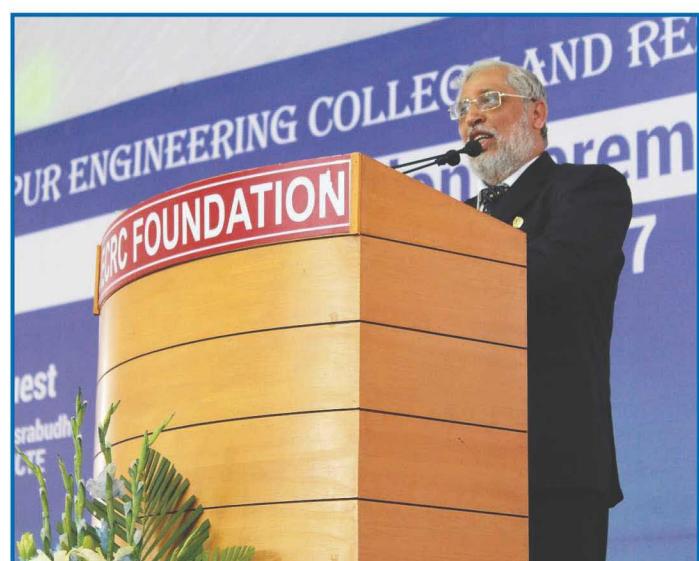
Seat Structure

The number of seats available for admissions during the session 2018-19 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	24	Eligibility for admissions under LEEP is as directed by the Government of Rajasthan
	2	Computer Science & Engineering	48	
	3	Electrical Engineering	24	
	4	Electronics & Communication Engineering	48	
	5	Information Technology	18	
	6	Mechanical Engineering	36	
Total			198	



Conferences at JECRC

RTDEEE-2018 (Recent Technological Developments in Electronics & Electrical Engineering)

The ECE and EE departments of Jaipur Engineering College and Research Centre organized an International Conference on "Recent Technological Developments in Electronics and Electrical Engineering-2018 (RTDEEE-2018)" on April 06-07, 2018. The status of the participants and number of papers are as under.

Total Number of papers received	257
Total papers short listed	87
Outsiders (Research Scholars)	24
Outsiders (Academicians)	06
Internal (Faculty Members)	43
Students as participant	11

Inaugural session was organized on 6th April, 2018. In session, dignitaries from various institutes were present Prof. (Dr.) Noe. G. Alba-Baena from University of Texas; Shri Gunjan Saxena, General Manager in BSNL, Jaipur; Prof. (Dr.) Deepak Garg from Bennett University; Prof. (Dr.) Rajesh Kumar Tiwar from RVS College of Engg. and Technology, Jamshedpur; Prof. (Dr.) Peeyush Chandra retd. Professor of Mathematics from IIT Kanpur; Prof. (Dr.) Meghanshu Vashista from department of Mechanical Engg., IIT Kanpur; Prof. (Dr.) Purshotam Chaturani, retd. Professor of Mathematics from IIT Bombay; Video talk was delivered by Prof. (Dr.) Paulo Haufs, Sh. O. P. Jain, Senior Advisor, JECRC; Sh. M. L. Sharma, Vice Chairman, JECRC; Sh. Amit Agarwal, Director, JECRC Foundation, Sh. Arpit Agarwal, Director, JECRC Foundation and Prof. (Dr.) V. K. Chandra, Principal JECRC, Jaipur.

The papers of the conference RTDEEE-2018 were considered for Publication in the ISST Journal of Electrical & Electronics Engineering.

ICMMC-2018 (International Conference on Mathematical Modeling and Computing-2018)

Department of Mathematics organized an International conference on Mathematical Modeling & Computing on April 6-7, 2018 at JECRC. The conference covered the different tracks of Mathematics, Statistics, Computing and many more. The conference got overwhelming response from all over India and abroad. Participants presented their paper in person as well as on Skype. Eminent speakers from IIT's and Saudi Arabia enlightened the participants with their talks. The conference received about 100 research papers out of which 40 were selected for presentation after undergoing rigorous review process. Board of reviewers of ICMMC include experts from India and abroad.

ICRITDME-2018 (International Conference on Recent Innovations and Technological Development in Mechanical Engineering 2018)

The first international conference organized by Department of Mechanical Engineering on Recent Innovations and Technological Development in Mechanical Engineering Jaipur in association with

the ISST, India & Indian Foundry Organization on April 6-7, 2018 at Jaipur Engineering College and Research Center, 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 into 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	222
Papers shortlisted	92
Outside Papers	44
Selected Papers published in ISST Journal of Mechanical Engineering IJME, ISSN 0976-7371	

ICITDA-2018 (International Conference on Information Technology and Digital Applications)

International Conference on Information Technology and Digital Applications (ICITDA-2018) was organized by Department of Information Technology JECRC Jaipur, in association with Springer Nature-BJIT, IJETAE, IJCEA on 6th-7th April 2018.

313 research papers from various researchers were uploaded on easy chair portal for ICITDA-2018, 104 research papers were finally selected after going through 2 levels of peer review process. 80 authors presented their innovative ideas through research paper on 6th-7th April 2018.

To guide the authors & fertilize the raw brains of young talents with their experience we invited to chair the session Prof.(Dr.) Deepak Garg from Benett University Greater Noida, Prof.(Dr.) Rajesh Tiwari from RVS college of engineering and technology Jamshedpur, Prof.(Dr.) Sandeep Kumar Poonia from Amity University Jaipur, Prof.(Dr.) Naveen Hemarajani from Jecrc University Jaipur, Prof.(Dr.) Deepak Dembla from Jecrc University Jaipur, Prof.(Dr.) Surendra Yadav from Career Point University Jaipur, Prof.(Dr.) Vikas Gupta from VCET Mumbai, Prof.(Dr.) Akash Saxena from Compucom Institute of Information Technology and Management. We were honored to have such eminent personalities as our session chairs. After presentation each author was awarded certificate of participation from our eminent academicians/session chairs.



Smart India Hackathon, Grand Finale at JECRC

Our Hon'ble Prime Minister, Shri Narendra Modi, envisages a Digital India to bridge the digital divide in our country and further promote digital literacy in order to make development a comprehensive mass movement and put governance within everyone's reach in India. In order to work towards our PM's vision, MHRD, All India Council for Technical Education (AICTE), Inter Institutional Inclusive Innovation Center (i4C), and Persistent Systems organized Smart India Hackathon 2017, a unique initiative to identify new and disruptive digital technology innovations for solving the challenges faced by our country. The initiative was a huge success. To reiterate the efforts towards our PM's vision, all together proposed the 2nd edition of this initiative – Smart India Hackathon 2018. Smart India Hackathon 2018 is being organized and had 2 sub-editions – Software as well as Hardware.

45+ union ministries and departments and 18 state governments had joined this grand initiative, making it much bigger than the previous edition. Smart India Hackathon 2018 is a non-stop digital product development competition, where 340 problems are posed to technology students for innovative solutions. It harnesses creativity & expertise of students, Sparks institute-level hackathons, builds funnel for 'Startup India' campaign, provides opportunity to citizens to give innovative solutions to India's daunting problems.

JECRC was one of the only 28 colleges from all over the country to have been shortlisted as the nodal centre for conducting the Grand Finale of Smart India Hackathon 2018. JECRC, Jaipur was assigned the nodal Centre for Ministry of Information and Broadcasting. Over 400 students of 50 teams and 25 subject experts, judges and technical officers from all over the country came to JECRC campus.

For having a smooth conduction of event the JECRC established a coordination committee with the officials from PIB, Jaipur. After rigorous discussions with the nodal officer from Ministry and other officials, all the required preparations were finalized. Working closely with ministry was great experience for all staff and students of JECRC.

There were total 16 problem statements of Ministry of I & B for which 50 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 inauguration ceremony of SIH 2018 @ JECRC nodal Centre, Jaipur was graced by the presence of Shri A. P. Mittal, Member Secretary, AICTE, along with the judges and Nodal officer from ministry of I & B. The coding session started as per the schedule.

The AICTE representatives, along with the judges and Nodal Officer, mentored the students for their respective problem statements in various mentoring/training sessions on 30th and 31st March. These teams were evaluated by a total of 21 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 in hostels of JECRC. More than 100 students of JECRC and around 64 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 which was graced by the presence of Col. Rajyavarsh Singh Rathore, State Minister (I & B), Cabinet minister (Ministry of Youth Affairs and Sports) and Shri R.S. Rathore, Director, AICTE. It was great and proud moment in the history of JECRC to listen to honorable minister and share experiences with them. While addressing the gathering of students he said that "Life goes on by hard work and will power and if you go with this mantra you will get success in life". He congratulated all the participant teams as well as Nodal Centre for successful organization of SIH 2018.

JECRC got an appreciation letter from Chief Minister of Rajasthan, Mrs. Vasundhara Raje and also from Mrs. Smriti Zubin Irani, Cabinet Minister of Information and Broadcasting and Textile Ministry.

After various evaluation rounds, 10 teams were shortlisted for the power judgment round in which they presented their solutions in front of the panel. 6 teams were finally selected and were awarded trophies. Winner was Linguistic Panda from Delhi, The Techie Tribes from Tamil Nadu was 1st Runner Up, OceanSix from Udaipur was 2nd Runner Up, Local host from Delhi got Persistent Innovation award, Hackers Troops from Chennai got KPIT Inspiration award and Inferno from Odisha got Deloitte Innovation awards in the valedictory session.

Over 100 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, nine teams from JECRC were also shortlisted to participate in SIH 2018 for different ministries at different nodal centres. Also ministries have approached teams from JECRC to have internships with the ministries, for at least one year and develop their solutions into workable models.



JECRC HACKATHON 1.0

JECRC Foundation has always taken various initiatives for the students to deepen their insight, widen their horizon and create a meaningful outlook. In the series of taking such wonderful initiatives, JECRC Foundation launched JECRC HACKATHON 1.0 so that a coding environment can be provided to the budding engineers of the college.

The event was organised on 10th-11th January, 2018 with the motive of providing opportunities where students are made aware of the newest trends and can learn to solve real world problems. It was a 24-hour non-stop digital product development competition where students were required to come up with innovative solutions.

The problems were taken from various ministries, departments as well as from JECRC Foundation itself and the ideas of the students were finalized after going through two rigorous scrutiny tests. Out of 300 teams registered, 152 teams were finally selected and 768 students converted their ideas into new developments.

The inauguration ceremony of this event was graced by the presence of Prof. Dileep N. Makhade, Advisor, AICTE and Prof. N.P. Kaushik, Vice Chancellor, RTU, Kota. Also, we were honoured

to have Mr. Mohammad Imran Khan, Web developer and Ms. Mayank NASA, Manager, Startup India, Invest India with us.

The coding session started and 12 judges along with 123 mentors fertilized the raw brains of the students with their experiences. Each judge was allotted 14 teams to evaluate. After 2 rounds of judging, finally 47 teams were ready for the power judging round. Meanwhile, some recreational activities were also organised to regenerate the energy and enthusiasm of the students. In the mid night of 10th Jan, 2018, a huge bonfire was lit in the central lawn of JECRC Campus. It created a soothing night time ambience and the zeal returned in everyone to work throughout the night.

The valedictory session was organised on 11th Jan, 2018 and was graced by the presence of Dr. Ravi Kumar Maddila, Assistant Professor, Department of ECE, MNIT; Dr. Sanjeev Agarwal, Associate Professor, Department of ECE, MNIT and Dr. Ashish Kr. Ghunawat, Assistant Professor, Department of ECE, MNIT. In the valedictory session, the top 21 teams were awarded by our eminent academicians. The sponsors of this event were Engineer's Academy, Forsk Technologies and Road Ahead Technologies India Pvt. Ltd.



ICETEAS-2018

International Conference on Emerging Trends in Expert Applications & Security (ICETEAS 2018) held on Feb 17-18, 2018 at JECRC, Jaipur, technically sponsored by Springer – AISC, BJIT (Published by Springer, Nature), IGI-Global in association and UGC approved IJERRA along with AICTE, DST, RTU, Computer Society of India (CSI) & Association of Computing Machinery (ACM). The conference addressed innovative advancements in Expert Applications & Security Issues therein with specific reference to the area of Computing while providing an opportunistic forum and vibrant platform for researchers and industry practitioners to exchange of state-of-the-art knowledge gained from their original research work and practical developments on specific new challenges, applications and experiences, to establish business or research relations, and to find global partners for future collaboration on emerging issues.

ICETEAS 2018 received around 367 submissions from around 639 authors from 10 different countries such as the UK, US, Netherlands, Italy, Japan, China, Korea, Thailand, Vietnam, Taiwan and many more. Each submission has been through the plagiarism check and was rigorously reviewed by at least three reviewers with an average of 2.07 per reviewer. Even some submissions have more than three reviews. On the basis of these reviews 120 research papers were presented during the 2 day conference in four parallel sessions of five tracks, namely, Expert Applications and Artificial Intelligence, Information and Application Security, Advanced Computing, Multimedia Applications in Forensics, Security & Intelligence, Advances in Web Technologies, with an acceptance rate of 17%.



Achievements

Students & Faculty

- Diwanshu Soni, Ayush Khandelwal, Aman Vijay, Divyang Bhargava, Aniket Dixit and Apoorva Agrawal from IIIrd Year, Dept of CSE have developed the Anti Blue Whale Game i.e. "Try A-Gain...JINDA-DIL-KHEL" under the guidance of Prof. (Dr.) Vijay Singh Rathore, Head-CSE & Ms. Shikha Maheshwari, Assistant Professor, CSE, JECRC
- Nine teams of JECRC's students were selected to participate in the Grand Finale of Smart India Hackathon, 2018 to provide solutions to problems of different ministeries.
- Akshay Patni from IVth Year was invited as a SEO Speaker by Wordpress Jaipur Team at Alankar Mahila B.Ed College.
- Rakesh Prajapat of Final Year selected in Cricket Team of RTU Kota for National West Zone (All India Inter University, Bhopal).
- Tejasv Kulshrestha, Vaishali Agarwal, Utkarsh Mundra and Shrishti Jain from Final Year won First Prize in JECRC HACKATHON 1.0, Jan 2018.
- Abha Kabra of IVth Year got global certification RHCSA (Redhat Certified System Administrator) and RHCE (Redhat Certified Engineer) in July, 2017.
- Aman Pareek, IV Sem, Dept. of CSE stood as a winner in Inter College RTU Football Tournament 2017-2018, held in Arya College of Engg. and IT, Kukas, Jaipur.
- Akshita Vijay and Abhishek Mohata from IV Sem, CSE won 1st Prize in IT QUIZ of Rajasthan Hackathon 3.0 held in December at Mohanlal Sukhadia University, Udaipur.
- Atavi Shekhavat from IInd Year won in Street Play event of ZEST held in January, 2018 at St. Xavier's College, Jaipur.
- Diksha Goyal from IInd Year won 2nd Runner Ups in Student Technical Paper Model Contest in Technovation held at Poornima University, Jaipur in Feb, 2018.
- Akash Jain, IVth Sem CSE was among the Top 10 participants of Smart India Hackathon, held at Techno India NJR Institute of Technology, Udaipur.
- Sakshi Gupta from IIIrd Year participated in Blitzschlag, 2018 held at MNIT, Jaipur and won 1st Prize.
- Samidha Joshi from IIIrd Year participated in Mood Indigo, 2018, Asia's Largest College Cultural Festival held at IIT Bombay.
- Mr. Rahul Agarwal's paper "evaluation of use of Kota stone mining waste as fine aggregate in bituminous courses" in "IJETMAS", ISSN:23494476.
- Dr. Nilam Choudhary (Associate Professor, CSE) has chaired the session in International Conference on Engineering, Computers and Sciences (IRECS-2018) during January 19-21, at Tango Hall, Vivanta by Taj Panjim Goa, INDIA.
- Dr. Sanjay Gaur (Associate Professor, CSE) has been Achiever of Year 2017 award for Significant Contribution in Computer Science and Engineering by The Institution of Engineers –Udaipur Chapter on Engineers' Day 15 Sept 2017.
- Dr. Sanjay Gaur (Associate Professor, CSE) has received Global Outreach Education Excellence Award 2018 for Significant Contribution in Computer Science & Information Technology by REDINNO–Jaipur on 27 March 2018.
- Bhoopesh Kumawat attended an academy training program on "Technical Report Writing and Authorizing of Research Manuscripts with LaTex" organized by Electronics & ICT Academy MNIT, Jaipur during 14/04/17 to 16/04/17.
- Rohit Raj from ECE branch (2nd year) has been selected as a scholar in Google India Challenge Scholarship 2018 by Udacity on 7th February 2018.
- Kanishka Kukreja of ECE department (final year) received a Accenture women Achiever award in year 2017 on women's day celebration at college campus by Accenture.
- Ms. Rashi Bansal of ECE department (Second year) secured first position in the event "PANACHE" conducted by Creative Arts and Cultural Society held at MNIT, Jaipur.
- Mr. Aditya Gurjar, member of Centre for Apps & Ideas team at JECRC, won "App-a-create Hackathon" contest held at MNIT, Jaipur.
- Dr. Sandeep Vyas, Associate Professor & HOD Electrical Engineering department published research paper "Numerical modeling of borosilicate doped photonic-crystal fiber for mid-IR supercontinuum generation" in IEEE International conference "Progress in Electromagnetics Research Symposium-Fall (PIERS-FALL), 2017" in Singapore.
- Mr. Uttam Kumar (4th year, Department of Electrical Engineering) has secured 363 AIR in GATE 2018 and his score is 789.
- Kapil Bindal (4th year, Department of Electrical Engineering) got selected in CAT 2018 exam scoring 95.16 percentile.
- Bharti Sharma (3rd year, Department of Electrical Engineering): Got an internship from NATIONAL GEOGRAPHIC CHANNEL for three months (January to March)
- Alkesh Srivastava (2nd year)- Started a game production venture on the Google play store of the very famous platform, Android. He created the game called, "The TapBait" and launched it officially on 12th August, 2017. Within first week of the launch it reached 100+downloads. Today, the numbers of download are nearing 500 and the rating 4.9.
- Ms. Neelu Jain presented a paper entitled "Essential Elements of Writing a Research/Review Paper for Conference/Journals" in the IEEE 5th International Symposium on Emerging Trends and Technologies in Libraries and Information Services (ETTLIS-2018) at Bennett University, Greater Noida during February 21-23, 2018.
- Yeeshu Dwivedi & Dhruv Laddha, students of Mechanical Department participated in RTU Inter-College Chess Tournament from 12-14 September 2017 & got the 2nd prize.
- Rajat Srivastav of 3rd Yr Mechanical Engineering participated in Swimming at BITS Open sports meet and won second position in 200m free style stroke.
- Dr. Bhuvnesh Bhardwaj attended Summer Internship Program entitled "Computational and Experimental Analysis in Industrial Applications in Mechanical Engineering" (May 22nd-July 5th, 2017) at MNIT, Jaipur.
- Dr. Manish Srivastava participated one day seminar in "MOBILITY XPERT TALK" at IIT Delhi on 08th Jul 2017.
- "The Moto rids" group of 23 students from mechanical engineering participated in a national level go kart event "NKRC Season-4" in July 2017 & grabbed the "Stig Award".



Events & Workshops

- A blood group checkup camp was organized by students of Aashayein group in September 2017.
- Two-day industrial visit was conducted by department of civil engineering at "Centre for Stone Development of Stones Jaipur" on 5th and 6th October 2017.
- An invited talk by Prof. Peter Kent & Prof. David Wing, CEO UKEI was organized in November 2017 by department of computer science & engineering.
- An ICT based faculty development program was organized on Data Mining & Business Intelligence by department of computer science & engineering.
- 71st Independence Day celebrations were held on 15th Aug. 2017.
- Deputy High Commissioner of the High Commission of U. K. to India visited JECRC Foundation in July 2017.
- Orientation Day for the newly admitted students of Batch 2021 was celebrated on 1st August 2017.
- Induction Day for Batch 2021 students was organized on 13th August 2017. The event was chaired by Chairman AICTE, Prof. Anil D Sahasrabudhe & Director AICTE, Dr. Manpreet Singh Manna.
- Engineers' Day was celebrated across the campus on 15th September 2017 where our top rankers in RTU examinations and achievers in sports were decorated.
- Swachhta Pakhwada, an AICTE initiative was observed at JECRC from 1st to 15th September 2017 where awareness regarding cleanliness was raised inside and outside the campus.
- A seminar on Rally for Rivers initiative of Isha Foundation was conducted at JECRC in September 2017.
- OMEN by HP and Mountain Dew ESL Indian College Gaming Championship was conducted in October where 36 colleges from all over India participated.
- A two-day salesforce education outreach program was conducted at JECRC wherein students were trained on modules of Trailhead.
- A foundation wide blood donation drive was conducted on 11th October 2017 wherein 1427 units of blood was collected in a single day.
- An interactive session was conducted by Dr. Niko Philips, Group Director - International, Activate Learning, City of Oxford College. He was accompanied by Mr Amit Joshi, Advisor, GR Foundation. Prof Phillips delivered a lecture on Opportunities in Higher Education abroad.
- 6000 students and staff members of JECRC Foundation participated in the second edition of Vande Mataram-Voice of Unity event organized HSS Foundation at SMS Stadium in Nov. 2017.
- An awareness workshop about the second edition of Smart India Hackathon, an initiative of MHRD & AICTE was conducted by Shri. Dileep N Malkhede, Adviser-I (RIFD), AICTE and Dr. N. P. Kaushik, VC, RTU in January 2018.
- The first edition of JECRC Hackathon was organized on 10th-11th January 2018 in which 200 student teams participated in a 24 hour nonstop digital product development competition.
- Mr. Ranjit Sinha, Head, GSC India Site Operation & University Relationship, and Ms. Sakshi Mehta, Head, Sustainability & Corporate Responsibility, Ericsson visited JECRC to felicitate 50 students of department of electronics & communication engineering on successful completion of their training with Ericsson.
- JECRC Foundation hosted a two day MICROSOFT Imagine Camp on 2nd and 3rd Feb, 2018. This camp was actively driven by 20 Microsoft Student Partners and close to 500 students participated in this camp. The keynote was delivered by Mr. Venkatesh Sarvasiddhi Head - Academic Initiatives, Asia-Pacific region, Microsoft Corporation.
- National Girl Child Day was celebrated on 24th January 2018 to spread awareness about the importance of saving and nurturing the life of girl child in the country.
- 69th Republic Day celebrations were held on 26th January 2018.
- SOCH, a social service group of JECRC organized Orphanage Children Interactive Program (OCIP) in February 2018 wherein more than 200 kids from orphanages of Jaipur were brought to JECRC and day long recreational events were conducted for them.
- International Conference on Emerging Trends in Expert Applications & Security (ICETEAS) was organized in February 2018 at JECRC. The conference witnessed participation from more than 100 scholars from all across the country and abroad.
- Prof. Rajeev Gupta, Pro. Vice Chancellor, Rajasthan Technical University, Kota, gave an invited talk at JECRC in February 2018. The topic was "Society and Control System" in this he discussed about implementation of control systems in real life to improve the human behavior.
- Renaissance, the National Level Techno Cultural Fest of JECRC was organized from 20th March to 28th March 2018 which included a four-day sports activity and a daylong event by our social service group Zarurat.
- The 3rd edition of J-Techtrix, JECRC's student project exhibition was organized on 17th March 2018 in which more than 150 teams of JECRC participated with their innovative models.
- The grand finale of Smart India Hackathon organized by MHRD, Govt. of India was held at JECRC on 30th-31st March 2018. JECRC was among the only twenty-eight colleges selected in the country for this event wherein 50 teams from all over India came to participate in a 36-hour non-stop coding competition.
- The 7th edition of JECRC MUN was held in April 2017. This year, we simulated 5 committees GA-DISEC, UNSC, UN-HCR, CSW and Lok Sabha along with International Press. .
- JECRC Alumnus Naman Yash Goyal presented a seminar on "Careers in Entertainment Industry" and held a screening of his short film "Masale Pyar Vaale" at JECRC. Naman is also an alumnus of New York Film Academy.
- For the second consecutive year an exhibition of the "Space Endeavors of India" was conducted by ISRO (Indian Space Research Organization) at JECRC University in April 2018.
- Departments of Mechanical Engineering, Electrical Engineering, Electronics & Communication Engineering, Information Technology & Mathematics organized their international conferences on 6th & 7th April 2018.
- An interactive session by Dr. Sanjeev Ohri, Vice Principal, Dudley College of Technology, The Broadway, UK was conducted in JECRC in September 2017. Dr. Sanjeev Ohri was in JECRC for exploring the possibilities of student/faculty exchange between JECRC Foundation & Dudley college.
- An interactive session with Dr. Kiran Seth, Founder, SPIC MACAY was organized for students at JECRC in September 2017.



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 placement. Inspite of the bad scenario in IT sector, we could attract top notch IT companies viz., IBM, Accenture, Capgemini, Mindtree, TCS, Deloitte, HSBC Software, Ericsson, Ernst & Young, BYJU's, Kotak Mahindra, Sopra Steria, Zucus, Newgen Software etc. More than 105 companies have visited and made 1302 offers out of which more than 13 companies have offered a package more than of Rs. 6 Lacs. The average and highest package rolled out are Rs 3.4 lacs and Rs. 9 lacs p.a. respectively, across the sectors like Research Software/Technology, IT/ITeS, Manufacturing, Power & Energy, Aviation, 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 Asahi Glass India, HLS Asia, Liugong India Pvt Ltd, RMC Switchgears, GR Infra, JK Cement, Bridgestone, FEV India, Ericsson, Tractors India Pvt Limited, ITC Limited, Kirloskar Group, Perto etc., have given our students the chance of working in some of the best core industries in the world, giving them a one in a lifetime opportunity to shape their career.

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 dedicatedly 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 our students training in Sales Force, Red Hat Linux, IoT, Machine learning and Embedded systems in addition to their regular curriculum to prepare them for the Industry. Many of our Pre-final year students have taken training with project and are getting certified in these areas. We encourage our students to learn problem solving skills by organizing Hackathon a problem solving competition and encouraging them to participate in Smart India Hackathon organised by MHRD every year. Our college was centre for two Ministries for Smart India Hackathon last year and this year it is Centre for the Information and Broadcasting Ministry.

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 320 students have been placed in 31 good companies with an average package of 2.1 LPA and maximum package of 6 LPA.

Corporate Contest Participation

JECRC students are regular participants in various contests 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.

JECRC has initiated a separate cell for these contests with 3 dedicated coordinators to enhance student's interest, participation and to guide them for maximum learning.

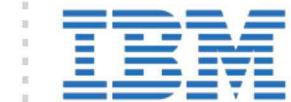
- TCS Next Step Contest such as Code Vita, EnginX, Testimony & DISQ: Around 65 students from JECRC Foundation were able to grab offers from these contests at high packages.
- Microsoft Imagine Cup: 3 of the JECRC students were able to reach to final round (nationally) of Imagine Cup conducted by Microsoft 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.



High performance. Delivered.



Intelligent People. Uncommon Ideas.



Global Collaborations

Enabled by JECRC Foundation's collaboration with the University of Alabama, an Immersive Visualisation Laboratory has been set up at JECRC to facilitate students in taking up forward thinking projects and research in immersive visualisation, scientific visualisation, art, psychology and cognition. Dr. Philip Oldham, President, Tennessee Tech University and Dr. Bharat Soni, VP, Research and Economic Development, Tennessee Tech University

visited JECRC Foundation to discuss the possibility of an academic collaboration between the two organisations. Dr. Oldham greatly appreciated the Research Labs, Social Initiatives, Aircraft Models and ATVs at JECRC. The International Association for Exchange of Students for furthering Technical Experience (IAESTE) has provided students with more than 40 paid internships abroad in reputed establishments.



Research & Development

- Financial support has been obtained from various funding agencies like the Department of Science & Technology, Govt. of India, All India Council for Technical Education and others, for a number of R&D projects. The total funding exceeds Rs. 1 Crore. Three R&D projects from DST have been completed and reports submitted to the full satisfaction of DST.
- A large number of student projects has been funded by The Department of Science & Technology, Rajasthan. An exhibition of 55 selected projects was organised in which the Director (DST) showed keen interest and appreciation for the completed projects.
- The mission of the CSI is to facilitate research, knowledge sharing, learning and career enhancement for all categories of IT professionals, while simultaneously inspiring and nurturing new entrants into the industry and helping them to

integrate into the IT community. The CSI is also working closely with other industry associations, government bodies and academia to ensure that the benefits of IT advancement ultimately percolate down to every single citizen of India.

- In 2017-18, JECRC faculty published more than 200 papers in various national and international journals and proceedings of International and National conferences organised by reputed institutes.
- Validation and scientific basis of 'Meditation and Omnics to cure various diseases and their role as therapeutic targets' has been approved for Rs. 45 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 the human mind.



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 unmatched learning and exposure to the organizing team of students in the form of team work, pressure handling and product sale and promotion. This year Renaissance collaborated with 9XM to organize EDM night that had renowned EDM artist Myris to perform at JECRC. 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, literary club Parijaat, 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

The JECRC MUN is considered as one of the most respected and thought-provoking Model United Nation conducted in the region. In JECRC, it has been taken up since 2012 as an important annual venture to develop qualities like leadership and diplomacy in the students. This year we organized its 7th edition, with 6 different councils for debate, journalism and even caricature and an expected participation of over 210 delegates from prestigious institutes across India and also from foreign institutes. We were also graced by the presence of Shri Mani Shankar Aiyar, former Indian Diplomat and Shri Anand Chulani, International Speaker on this occasion. The seventh edition of JECRC MUN reaffirmed its dominance as the premier MUN conference in the country. This year, we simulated 5 committees GADISEC, UNSC, UN-HCR, CSW and Lok Sabha along with International Press.

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

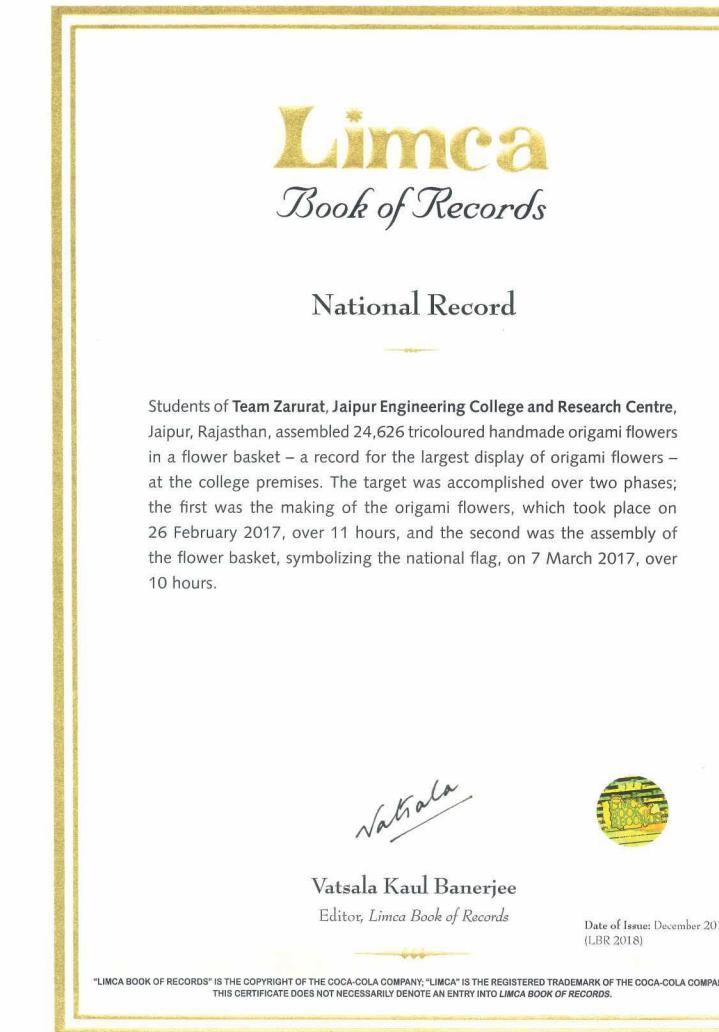
Vande Mataram, Voice of Unity, organized in Jaipur on 8th November 2017, was an event of unmatched parallel in terms of its grandeur and outreach. An ensemble of more than 1 Lac people was brought together by Hindu Spiritual & Service Foundation to witness this historic occasion where more than 500 musicians flew in from all across the nation to present a rendition of National Song, Vande Mataram on 18 kinds of musical instruments. The event also witnessed the presence of renowned musician Anandji of the Kalyanji Anandji duo. 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 2018 organised on 17th March 2018, which is third in series, the prior two being J-Techtrix 2016 and 2017. Carrying forward the legacy, J-Techtrix 2018 was inaugurated by Arpit Agarwal, Director, JECRC Foundation, Dr. V. K. Chandra, Principal JECRC, Dr. U. K. Pareek, Dean First year & the esteemed dignitaries of the Foundation. With the huge participation of approximate 150 teams, 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 Engineering, Information Technology, Electronics & Communication, Civil Engineering, Electrical and Mechanical Engineering. Even the students from first year participated and presented their live working models with great zeal. The participants presented and explained the projects on efficient power usage, administrative websites for government use, engineering models for bridges, robotics etc.

Limca Book of Records (National Record)

Students of Team Zarurat, JECRC, Jaipur assembled 24,626 tricolored handmade origami flowers in a flower basket - a record for the largest display of origami flowers - at the college premises. The target was accomplished over two phases; the first was the making of the origami flowers, which took place on 26th February 2017, over 11 hours, and the second was the assembly of the flower basket, symbolizing the national flag on 7th March 2017, over 10 hours. The certificate was issued in December 2017.



JECRC-Centre for Deep Learning

As the competition to grab the best job opportunities in the field gets fierce, JECRC has acknowledged that traditional class room teaching is not enough to provide our students with the cutting edge they need to supersede their peers. Adapting to the changing paradigms of education deliverance, JECRC has tied up with many agencies to provide in-house training to our students on the latest technologies in demand in both IT and core sector. These trainings are provided on campus and at discounted charges and the trainers are industry experts. On completion of these trainings students can also go for certification and have yet another skill to be mentioned in their resume.

Salesforce Training Module

Salesforce Training module was conducted at JECRC from 17th January to 23rd March 2018 wherein a total of 110 hours was dedicated to train students on 5 modules viz. Introduction, Customer Relationship Management, Administration, Development & Lightning. A total of 112 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. Out of the 112 students, 105 received salesforce badge and 7 received salesforce super badge.

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 wherein a total of 28 hours was dedicated to train 77 students. 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 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 covered during this 90 hours 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.



Our Industrial Liaisons

Tata Consultancy Services

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

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 fundamentals 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

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.

Microsoft

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

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.



Startup Ecosystem @ JECRC

Entrepreneurship in India is yet to reveal its hidden potential. It will not only help India to frontier with the world leaders but also unlock the quality of brains that we are so proud of. With this idea JECRC wishes to inculcate and enrich the entrepreneurial environment in the campus and the country at large by creating an easily accessible and exhaustive set of resources for the entrepreneurs, which including the students, the budding professionals, mentors, the angel investors and the venture capitalists through various fun filled yet educating sessions such as start-up meets, competitions, etalks and so on and so forth

JECRC believes that entrepreneurship is not just about starting companies, but a pathway towards India's socio-economic development. Our vision is to make students and faculty 'entrepreneurial' in every work that they do. We hope to enable them to solve global challenges as we see students as the greatest capital and intend to nurture them, provide them with opportunities for excellence.

The Incubation center by JECRC strives hard to make the students entrepreneurial journey smooth and infuse the spirit of entrepreneurship among others.

It aims to unlock students' latent inventive potential. Not only do we show the doors of opportunity but we also equip to walk through it. Through our conference, social events, lectures, speaker engagements and workshops, we're hoping to bring together everyone interested in the startup world and to help students best utilize resources to found or join startups.

And the best example of the support that JECRC provides by always being the cushion in the entrepreneurial journey of its students can be very well seen from the larger number of alumni who have gone out of the box and started their own start ups which deal with a variety of fields ranging from manufacturing of Jaipur Belt to being the producer of movies. With more than 150 alumni start ups JECRC stands high to provide guidance to its present students by organizing talks between present CEOs, founders and the budding Founders, that quenches lot of budding answers and gives birth to new ideations simultaneously. What can be better than hearing it from the ones who have been on the same boat and sailed it to nooks of the world yet to be explored by others.



Student Development Initiatives

Entrepreneurship Development Cell

The Entrepreneurship Development Cell organised various programmes in the previous year to enhance entrepreneurship skills in the students of JECRC Foundation. Some of these programmes are Entrepreneurship Awareness Programme, Entrepreneurship Development Programme, Skill Development Programme, Business Development Programme in Export Marketing, Entrepreneurship Awareness Camp, B-Guru, Industrial Visit, Faculty Training etc.

Industry Institute Partnership Cell (IIPC)

Students of all branches got industry exposure by visiting 14 industries in the previous year. A programme on personality development was launched for IIPC students & another programme on advanced multimedia was organised under Competency Development Programme of IIPC. Specialised talks from various industry experts were held last year. Wipro is actively associated with the IIPC of JECRC.

IBM The Great Mind Challenge Contest

This is an initiative to keep our students in sync with the latest tools and technologies. It provides a platform for students to extract benefits from various workshops and seminars on new technologies from world leaders like IBM.

Infosys Campus Connect

This academic year, JECRC successfully rolled-out Campus Connect Program of Infosys Technologies Ltd., a unique academia-industry initiative, for more than 100 final year students

to align them towards the competencies which industry needs and thus increases their chances of employability. Under the aegis of this initiative, students and faculty members are privileged to access courseware and technology relevant to the current scenario of IT industry. This is an annual feature at JECRC.

TCS Flagship Events

JECRC takes pride in standing with highest registrations in TCS Flagship events namely, Codevita and Testimony from the north region. These events have paved way for students to get an edge over their skill-set. Students have shown sincere interest into the events and outshone with their performance, consequently leading to fruitful internships with the industry which has been rated as the World's most powerful brand in IT Services for the year 2017.

ISRO Exhibition

For the second consecutive year an exhibition was organized in Rajasthan by the INDIAN SPACE RESEARCH ORGANISATION - Exhibition and Outreach Division, in JECRC University, Jaipur on 19th-20th April 2018, with a view to increase the awareness of science and technology among students. This exhibition displayed models and latest technologies related to spacecraft, launch vehicle, rockets and other technologies developed by ISRO. Launch of mini satellites (water launch) were performed live. In addition, ISRO conducted a student interaction program, quiz program and debate. Many prominent scientists from ISRO graced this occasion and delivered expert lectures on launch vehicles, satellites, applications and future technologies.



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 UNIVERSITY running from the past 4 years.

Abhyudaya Social Face of JECRC

At JECRC Foundation, we believe that it's our moral duty to not just create engineers that are technically sound but are also responsible members of the society. We believe that the growth of the nation as a whole is deeply imbibed in the growth of all sections of the society simultaneously and to strengthen our beliefs, we have initiated various student run social service groups at JECRC. 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. From the kids of slum dwellers and senior citizens of old age homes to blood donation for the needy, these students are making lives of hundreds of people better with every passing day. 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. His presence causes a surge of emotions and further cements our commitment towards our endeavor. His association with JECRC Foundation is our guiding light and beacon of hope in our journey towards betterment of the society. With his blessings, we will continue our crusade against child labor and illiteracy.

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.

Zarurat

Zarurat is a students' organisation, 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 now 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 organising an annual event "Zarurat-Celebrating Innocence" for children of different NGOs of Jaipur, since the last 7 years. Around 300 children are a part of this gala event which gives them a day that is full of joy and happiness.

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.

Suhasini

SUHASINI is a social initiative taken by the student of JECRC to create awareness towards the education of girl child in the society. SUHASINI was formed three years ago, with a motive to eradicate the menace of female feticide. Students of Suhasini visit various villages and other backward sections of the society and talk to people on a door to door basis. They also organize Nukkad Nataks and Workshops on occasions like Women's Day & Girl Child Day to attract a larger audience towards their cause.

Parijat

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.



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 - 2017' from 4th Oct to 10th 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.



Salient Features

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 and 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.

JECRC Incubation Centre

On the call of Hon'ble Prime Minister to strengthen the 'Make In India' initiative and in accordance with the emerging start up ecosystem JECRC has committed its resources in the form of a dedicated space of 4000 sq. feet and a seed money of 20 million -INR, to be used by our existing students and alumni for their startup ventures. Till date more than 40 start ups have been founded by the students of JECRC. The establishment of this incubation center will provide the necessary platform to our students to bring their business plans and ideas from conceptual stage to reality. Under the umbrella of this incubation center, regular interactions with industry giants, venture capitalists and successful entrepreneurs will also be conducted for providing proper guidance to students.

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 9000+ 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 "AlumniStart-upMeet" and regularly organizes "Chapter meets".

During the annual fest of the college, Renaissance, the alumni are especially invited to re-connect in the college and renew their bonds. This year the college witnessed the second edition of alumni vs. faculty cricket match with huge success.

Alumni from across the world provide many 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.



JECRC University was established in the year 2012 with a view to provide world class education to young minds in order to prepare them to shoulder global responsibilities. The vision, mission and goal of JECRC University is to transform an individual into a complete human being by providing value based education and learning. Academic programs offered are designed to facilitate students to channelise their curiosity and project their best talent manifested in academic and co-curricular performance. Till 15th March, 85% of all the students of the 1st batch of JECRC University have been placed and 95% of them have been selected for various internships.

JECRC University is fully furnished in terms of a serene and beautiful campus, well equipped labs, well stocked library, fully air conditioned hostel cubicles, sports facilities and clubs to ensure appropriate learning beyond classrooms. The faculty members at JECRC University come from top notch institutions and industries in India including IITs/NITs and even from foreign Universities. Internationally reputed knowledge partners namely KPMG, Microsoft, TCS, Infosys, Wipro, T.I.M.E., Ichieve, CADD Centre, University of Alabama (USA), Tennessee Technological University (USA), etc. support the best possible academic delivery in class rooms and labs. JECRC University curriculum gives equal stress to soft skills including communication, aptitude, leadership & team building, analytical and logical thinking and problem solving with research embedded even at the UG level.

The first convocation of JECRC University was held at the campus on January 6, 2018. On this occasion, 1439 students of JECRC University were dedicated to the nation for its service with the blessings of Padmashri Shri A. S. Kiran Kumar, Chairman, ISRO. University conferred the honorary D. Sc to Honorable Kiran Kumar. Dr. Kumar distributed the degrees to all graduands. In the ceremony 83 gold, 74 silver & 62 bronze medals were awarded to the top rankers of the university. Shri Kumar also congratulated the JECRC Foundation for its contribution to ISRO, as 20 students of JECRC qualified for ISRO Internship.

The various schools running under JECRC University are:

- School of Engineering
- School of Sciences
- School of Law
- School of Management
- School of Arts and Commerce
- School of Design
- School of Agriculture

All the schools conduct undergraduate, postgraduate & doctoral programs.

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Contact Us

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JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE

Approved by AICTE & Affiliated to RTU, Kota

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