



JECRC Foundation



**JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE**



Years of
Academic
Eminence
Years of Nurturing Talent



www.jecrcfoundation.com

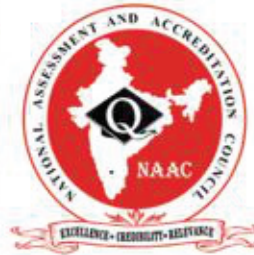


JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE

Accredited by

NAAC

NATIONAL ASSESSMENT AND
ACCREDITATION COUNCIL



Accredited Courses



CONSISTENTLY RANKED AMONGST
TOP COLLEGES
BY REPUTED PUBLICATIONS

RANKED
2nd

THEWEEK

RANKED
2nd



RANKED
1st

INTERNSHALA

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23
Years of
**NURTURING
TALENT**

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Chairperson's Message

Dear Students,

I take this opportunity to extend warm welcome to all admission seekers/ students and their parents who have decided to seek admission in JECRC, Jaipur for the Academic Session 2023-24.

JECRC Foundation, having two flagship Higher Education Institutions namely Jaipur Engineering College & Research Centre, Jaipur, established in the year 2000 and JECRC University, Jaipur, established in the year 2012, has established itself a brand to reckon with not only in India but Abroad as well. With more than 24000+ Alumni spread across the globe and 14000+ active student on rolls, JECRCians have left an indelible mark on the canvas of higher education and corporates.

We are committed to provide highly conducive academic and research environment at JECRC with large number of activities beyond class rooms to the

students to ensure overall development of their persona so that they not only evolve as incredible professionals but also responsible citizens and better human beings.

Swami Vivekananda said that "Learn everything that is good from others, but bring it in, and in your own way adsorb it; do not become others." These words of wisdom are timeless in nature and must be heeded to by all the learners.

I invite you to explore the corridors of JECRC Foundation which will give you the glimpse of a perfect future.

Come, join and give shape to your dreams.

Best Wishes!!!

O.P. Agrawal



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 platform to the students for overall self-development that includes ethics, moral values etc. and develop research aptitude through project based learning.

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

Engineers are the wealth of the nation and excellence in all disciplines is the present requirement of the country for its sustained economic growth to compete globally. Nearly twenty 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 nation by providing outcome based education to their students and nurturing them to compete at the global level.

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

With the support of qualified, dedicated and hardworking faculty, the institute has achieved enviable ranking in a short span and 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 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!

Prof.(Dr.) Vinay Kumar Chandna

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 platform to gain knowledge and solutions.

Offer opportunities for interaction between academia and industry.

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

JECRC Foundation



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.

JECRC Foundation through National Society for Engineering and Research Development is contributing significantly, since decades at the national stage with 14000 students and 3000 residential inmates. In addition to graduate and post graduate programmes the units of the foundation is transformed into research stations with a very strong research based programmes contributing research articles in international journals and filing patents.

We have got very strong corporate connect resulting into over 90% of students getting placed every year. Scores of funded projects are undertaken worth crores of rupees every year. There are several center of excellences and research centers such as makers club with 3D printers, CNC machines with CAD CAM software, Cadence Or CAD software, Tanner tools, SPSS software and so on.

There is a very strong Entrepreneurship Development and Incubation Centre resulting into a large number of entrepreneurs and startups. Almost all the students get the chance for National/International Internship training for six months during their studies.

The course curriculum of the University is updated six monthly through Board of Studies with academic excellence and industry experts.

With a strong base sports and games, students compete and win National/International awards. Through numerous clubs of the Foundation uplifts the technical skills, cultural activities and social responsibilities of every individual student.

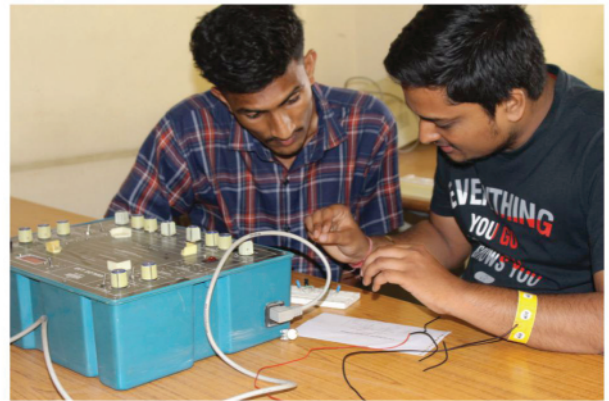
**23 Years
in Academic**

**14,000
Student Base**

**24,000+
Alumni**

2 Large Campuses, built across 2 Million Sq. ft. area





The JECRC College



JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE

A journey of more than two decades for JECRC, having more than 4000 students on campus under 8 UG programs, has earned laurels to their students, faculty members and for the institute in many ways. More than 24000 alumni's spread over the globe has climbed the ladder to leadership positions and providing mentorship to their juniors by way of skill development, incubation, startup, research and angel funding. Faith by government agencies for providing grant of more than 2 crores for setting up center of excellence, state of art facilities for startup & incubation and providing platform to the students to develop their technical and managerial skills that is helping students to get placement in a reputed organization. Contribution towards International publications, technical activities and co-curricular activities by faculty members, students and delivery of Outcome based education is recognized by National Board of Accreditation and AICTE. Socially rich atmosphere at the campus enabling fourfold grooming of students that is recognized at National and International level and enabling students to work as interns with personalities recognized in their field of expertise. JECRC has become synonymous to placements and JECRCians have made their presence felt at every reputed company / government organization.



Civil
Engineering

CE



Computer
Science and
Engineering

CSE



Computer
Science and
Engineering
(Artificial Intelligence)

CSE
(AI)





Sh. O.P. Agrawal
(Chairman, JECRC)



Sh. Arpit Agrawal
(Director, JECRC)



Sh. Amit Agrawal
(Vice Chairperson, JECRC)



Sh. Dheemant Agrawal
(Director, Digital strategies, JECRC University)

JECRC offers B.Tech programmes in the following disciplines:

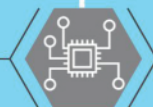
**Electrical
Engineering**

EE



**Electronics &
Communication
Engineering**

ECE



**Mechanical
Engineering**

ME



**Artificial
Intelligence and
Data Science**

AI
&DS



**Information
Technology**

IT



The JECRC University



JECRC University, Jaipur is devoted to excellence in teaching, learning, research and 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 10,000 degree candidates, including undergraduate, post graduate, research scholars and professional students. The JECRC Foundation has more than 24,000+ alumni 35 Countries 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 its 11th year of inception itself. 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.

The University offers degree courses at UG, PG and PhD levels, in disciplines of Engineering, IT and Computer Applications, Science, Business Studies, Hospitality, Humanities, Economics, Mass Communication, Design, Allied Health Sciences, 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 163 student exchanges in 29 countries. Top firms like AWS Educate (Amazon), Google, TCS, Tata Technologies, IBM, Accenture, Wipro, Capgemini, HP, Adani Power, SopraSteria, AON, Anora Lab, 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. Over the last 10 years, students at JECRC University are blessed to have 100% Six months Best-In-Class Internships of which 77% are Paid (Stipend based) Interns. The University has strong 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 Computer Applications
- JECRC School of Business
- School of Law
- School of Design
- School of Sciences
- School of Humanities & Social Sciences
- JECRC School of Economics
- School of Hospitality
- School of Mass Communication
- School of Allied Health Sciences
- Doctoral Program-Ph.D. (Engineering, Management Science, Law, Mass Communication, Humanities)

We would love to hear from you. Please contact us for additional information on **Toll Free Number: 1800-120-5616**.





Being

J
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Placements @ JECRC

“ Bridging the GAP between

Talent & Opportunity ”

JECRC foundation has a track record of providing students with exceptional on-campus placements in numerous reputable companies, serving as a strong foundation for a brighter future. Dreaming of working with Top Companies in India, then JECRC is the platform where you can think of achieving your dreams.

JECRC Foundation has achieved a new height in its excellent track record of placements by getting **2000+ offers** every consecutive year. Many reputable publications have rated it among the “**Engineering colleges with best Placements in India**” due to its students' consistent performance in recruitment drives by prestigious Companies.

10K+

offers in last 5 years

The Training & Placement Cell inculcates career guidance for all the students in the form of **Campus Recruitment Training (CRT)** Programs for all the Engineering Branches. CRT is a specially designed 300-hour program that covers all the pre-required training specifications by various companies in their selection process, including aptitude, technical, coding, communication skills assessments, resume building, psychometric tests, etc. We conduct offline sessions with the help of experts in the industry, and company-specific on/offline Tests, Mock sessions for Technical specializations, HR Interviews, Group Discussions & presentations.

The last three years have been turbulent for graduating students who are about to start their professional life. The pandemic created a temporary disruption as it impacted recruitment across industries. However, rather than waiting for things to resolve, JECRC found order in chaos through non-conventional ways of recruitment processes and training.



SUPER DREAM RECRUITERS



As an educational organization, the objective was upon us to ensure our students' continuous learning and job security with whatever resources and opportunities we had to forward our mission of nurturing talent. In that respect, the wisdom shared by the distinguished corporate leaders through Keynote Series, and online career-building sessions encouraged our students to find opportunities in challenges.

Placements in Core Sector : Core Companies like Pinnacle, TATA Power, RMC Switchgear, Ashiana housing, Asahi India Glass Ltd., BOSCH, Bridgestone, Era Group, Ericsson, FEV India, FLSmidth, Genus Power, GR Infra, HG Infra, JK Cement, etc have given our students an opportunity to shape their career.

HIGHLIGHTS

100+

Recruiters

250+

Offers rolled out with packages of 10 LPA and above

44 LPA

Highest Package

89%

Eligible female students got placed .

1826

Total Offers as on 31st March 2023.



Placements @ JECRC

Outset Cell- Where every student matters.

JECRC Foundation is committed to providing its students with the best opportunities for success, and we believe that a key aspect of this is ensuring 100% placement rates for our graduates. We understand that some students may face challenges in achieving high scores due to a variety of reasons, and we are dedicated to ensuring that they are not excluded from the opportunity to secure excellent placements.

To support these students, we established the "Outset Cell" in 2015, which is fully dedicated to helping students who may have struggled academically but possess exceptional technical and communication skills. Our philosophy is that every student deserves the chance to succeed, and we work tirelessly to sharpen their skills, provide counseling and facilitate their journey towards securing excellent employment opportunities. Thanks to these efforts, we are proud to report that we have successfully placed over 1100 engineers who were previously struggling academically. Our Outset Cell has proven to be a tremendous success, and we will continue to expand and improve it to ensure that all our students are given the support they need to achieve their full potential.

At JECRC Foundation, we recognize that every student has unique strengths and challenges, and we are dedicated to helping all our students succeed. The Outset Cell is just one example of our commitment to ensuring that every student is given the best possible chance to achieve their goals and build a successful career.

Batch of 2023

The Placements season of 2023 has stood as an epitome of the possibility of achieving grand success by witnessing placements like never before. Another successful year for JECRC Family with more than 1826 + placement offers earned by the students as on 8th Feb 23, and the average package has risen up by 35%. In the list of highly impressive recruiters like Amazon, HPE, Accenture, LTI, Persistent Systems, Ericsson, Publicis Sapient, Yamaha, Nestle, TCS, Cactus Communications, etc to name a few with the whooping package of 44 LPA as the highest and an average package of 6 lakhs.

The Placement Fiesta - Celebrating Success

The Placement Fiesta was organized to commemorate the first 500 placement offers in phase 1 & the first 1000 offers in phase 2. The events were a huge success, with a total of 1826+ offers being made to students. The Offers are increasing day by day.

The Placement Fiesta was a fantastic approach to inspire students who are currently entering the workforce. The event featured a variety of activities, including speeches from successful alumni, representatives from top companies, and experience sharing by parents and students that inspired young minds and made them learn about the different career paths and the skills they would need to succeed in their professional lives.



*as on 31st March, 2023

PLACEMENT LEGACY OF JECRC
Consistency at its best



Major Recruiters



JECRC Distinguished Corporate Collaborations

JECRC Foundation realized the changing technology dynamics in the industry, which is influenced by different factors like need of solutions for unsolved technical problems, changing characteristics of the social environment etc. As a next step, in order to empower our students with the latest & prevailing technological skills, we have collaborated with several industry leaders like Tech Mahindra, TCS, IBM, EC Council, ASSOCHAM, Xebia, Samatrix, Automation Anywhere, UiPath, Adobe etc. Through these collaborations, we could not only get the industry experts on board, which is otherwise difficult to deploy for the education ecosystems, but also attained enhanced innovation through knowledge exchange.



Microsoft: JECRC Foundation has entered into an Agreement with this world's leading IT Company, which enables us to offer Joint Degree Programs through our Department of Computer Engineering and Department of Computer Applications & IT in association with Microsoft. Through this one of its kind association, students enrolled in the joint degree programs get industry-relevant technical certifications from Microsoft along with their degrees.



Google Cloud: JECRC Foundation has entered into a distinguished collaboration with Google for its Cloud Technologies. More than 700+ students have undergone the Foundation Cloud Course by Google which is the highest number of enrollments in the whole country. JECRC Foundation is the Best Performing Institution in the country in the Google Cloud Computing foundation program, having more than 95% of the GCCF enrolled students completed & earned the stipulated Google Skills and Badges. After seeing our performance, Google proposed and commenced the roll out of the advanced level Career Readiness Program with us, for our third year students. After having undergone the advanced level program, the students will get a chance to be interviewed for Google and its partner companies.



Amazon Web Services: Amazon Web Services (AWS), which is a comprehensive cloud computing platform provided by Amazon, has verified the cloudified curriculum's for B.Tech., BCA and MCA degrees at JECRC University. The specializations degree programs verified by AWS are B. Tech. in CSE with Specialization in Cloud Computing, BCA with Specialization in Cloud Computing and MCA with Specialization in Cloud Computing. JECRC Foundation has prepared the curriculum under the guidance of the AWS Singapore Team to make it focused on Cloud Computing and "Industry Aligned", right from year one.



Hewlett Packard Enterprise: JECRC University has collaborated with HPE which entails several benefits for the students like "Catch Them Young" where students undergo projects under mentorship of HPE Experts and further rendered Pre-Placement Offers at premium packages, upon successful completion. Other benefits include students visit to HPE Campuses, special lecturers on emerging technologies, sponsoring of the technical events by HPE, joint R&D activities and HPE SMEs inputs to University's curriculum design.



Adobe: JECRC Foundation has partnered with Adobe under its Digital Disha Program to provide the students with Artificial Intelligence platform ADOBE Sensei and free ADOBE Spark Licenses for everyone.



upGrad is India's largest online higher education company, working in Germany, USA, Ireland, UK, Canada, Australia, France, India etc. With the latest technology, pedagogy, industry partners and world-class faculty, upGrad creates immersive online learning experiences for its 2 million+ learners globally. JECRC University has exclusively collaborated with upGrad Campus to offer joint degree programs namely, B.Tech and BCA with specialization in Blockchain Technology. These specialization programs in Blockchain equips the student with understanding of what is happening around the globe in context of Distributed computing, Blockchain Technologies and Crypto-currencies. Blockchain is already making a difference across a range of industries like such as banking, finance, healthcare, real estate and software. Subject matter experts from upGrad Campus will be delivering the courses on Blockchain Technology for the enrolled students. Personalized mentorship and doubt solving sessions will be provided by the TAs of upGrad who shall be available at University campus. Value addition is that six months long Industry-Internship and Placement Opportunities on completion of program will be provided by upGrad Campus.



JECRC University has collaborated with "The Designer's Class" which is India's first digital education platform that provides an eclectic blend of design courses led by the "Who's Who" of the design industries. As an outcome of this arrangement, the students of the School of Design at JECRC University will learn directly from the experts like Abu Jani, Masaba Gupta, Sandeep Khosla, Rhea Kapoor, Tanvi Ghavri, Gauri Khan etc. These celebrity experts' curated courses, being made available by The Designer's Class, provide premium quality education in different verticals of design like Fashion Designing, Interior Designing etc. Students will get one certificate signed by the Celebrity Expert on completion of every course, and thus by the time the student gets the Design Degree, he/she will have bagged several valuable certificates from renowned people.





JECRC Foundation has got into a distinguished collaboration with Larsen & Toubro Ltd (L&T) which is one of the leading engineering conglomerates operating at various parts of the globe providing technology, engineering, construction and manufacturing services. This partnership enables us to offer joint degree programs in Civil, Electrical & Mechanical Engineering in association with them. L&T also provides learning and assessment solutions and platforms through its EduTech business unit L&T EduTech. It offers a series of courses aimed at enhancing the skill set of engineering students, bridging the gap between Industry and Academia by providing "Industry-led" and "Application-Oriented" courses in Higher Education.



JECRC Foundation has collaborated with Kalvium to offer a work-integrated Computer Science and Engineering degree program, that helps students graduate with focused skills & experience. Graduation outcomes of this program are aligned with industry roles and experience by remote software development work opportunities (with potential earnings ranging from Rs. 15,000 to Rs. 40,000 per month) right from the Year 2 of study. Upon completion, the students shall actually be lateral candidates who would have anywhere between 1 to 3 years of work experience depending on their skills, experience, and portfolio of projects done.



JECRC Foundation has commenced a three-month Certificate Program, namely "Professional Certification program in Logistics Excellence" in association with Safexpress and NSDC. Safexpress has firmly established itself as a leading company of the Indian supply chain & logistics industry, and it has played a vital role in the Indian economic growth for nearly two decades. The training for the program will be delivered by Seekho, which is the industry partner of Safexpress for this program.



Automation Anywhere - As a consequence of MoU with Automation Anywhere, we have become the First University in Rajasthan to set up a "Bot Lab" where our students can practice and develop running computer Bots. Talent pool of more than 500 certified RPA students has been created, who have attained the Automation Anywhere's Essential RPA Certificate.



UiPath - As a technology partner, UiPath's experts has trained 10 teachers of JECRC Foundation in an educator workshop. JECRC Foundation has become the pioneer to offer Robotics Process Automation as an elective subject, to make the students industry ready with the knowhow of this latest technology.



Tech Mahindra - JECRC Foundation becomes the 1st University in India to join hands with Tech Mahindra for providing certifications in the domain of Machine Learning to the students. Additionally, to promote knowledge exchange between Makerspace of JECRC University and the Innovation Makers Lab of Tech Mahindra in the field of upcoming technologies, we have signed an MoU with Tech Mahindra. Under the aegis of this MoU, students of the University get an opportunity to work on Live Projects in the areas of Agri Tech, Defense IOT and AI/ML at Tech Mahindra. Lots of IPR are anticipated as a result of this association.



TATA Consultancy Services (TCS): JECRC University is the only University in the state of Rajasthan to offer a 4 Year B.Tech CSBS Program in association with TCS. This curriculum designed by TCS aims to ensure that the students graduating from the program not only know the core topics of Computer Science but also developed an equal appreciation of humanities, management sciences and human values.





EC Council, USA: Under this partnership, our students can choose to undergo certifications from a bouquet of courses in the domain of Cyber Security as well as joint degree programs in association with EC Council. Instructors and official e-Courseware are provided by EC Council, USA. Bootcamps, Workshop and Cyber Competitions too come along as value additions. Recently, JECRC University has been awarded as "Academic Partner of the Year-2021" by EC Council.



DXC Technology: JECRC University has joined hands with DXC Technology as part of their CSR initiative to setup a Center for Women Empowerment and train girl students on skills that kept them in pace with the requirements of the industry to help them pursue a good career of their choice through e-learning and Live Online Training programs. 100+ Girls of Pre-final Year Circuit Branches and 2 Women Faculty Members of the University have been trained on the cutting edge technology of Data Science and Big Data Analytics.



International Skill Development Corporation (ISDC): JECRC University has partnered with ISDC – The International Skill Development Corporation to establish an International Centre of Excellence (ICoE). ISDC is a leading International Provider for British Education and Skills. ISDC, UK is offering B.Com., BBA, MBA, M.Com. Programs through our School of Management, wherein the students get opportunities for integrated global qualifications and accredited futuristic degree programs.



Xebia - Under the MoU with Xebia, JECRC University is offering B.Tech. and BCA Programs in industry relevant technologies like DevOps, Cloud Computing, Artificial Intelligence, Machine Learning, Big Data and Data Analytics in association with Xebia. The best part is that lectures shall be delivered by industry experts only and other benefits include Digital Badges, Hackathons, Webinars, Professional networking, Internships, Tech Talks.



Samatrix Consulting Pvt Ltd. - Under partnership with this IT Firm from Gurgaon headed by Mr. Vishal Jain (Alumni of IIT-Kharagpur and IIM-Ahmedabad), we are offering different specialization programs of B.Tech., BCA, MCA, BBA and MBA in the domains of Data Science, Data Analytics and Data Visualization. Senior and experienced experts from Samatrix, who hail from prestigious institutes like IITs and IIMs has come down to the University for taking classes of the specialized subjects and providing hands on to the students.



Salesforce: JECRC University is the only University in the state of Rajasthan to have a Center of Excellence by Salesforce. Under this preposition, we developed a Salesforce Lab in the University with 10 licensed installations of the Salesforce Foundation Enterprise Edition. Furthermore, through a special partnership with Salesforce under the aegis of NSDC, more than 700+ students of final year in B.Tech and MBA program have been trained in the last 1.5 years by the trained JU faculty and Salesforce experts on concepts like Trailhead Basics, Data Modeling, Picklist Administration, Reports & Dashboards for Lightning Experience etc. so as to make them job-ready.





ICT Academy - Under the aegis of MoU, ICT Academy organized Faculty Development Programs at JECRC University in association with industry leaders, induct industry experts in its Board of Studies and also establish Center of Excellences of renowned corporates.



Bajaj Finserv- We have entered into a Collaboration with Bajaj Finserv, under the aegis of which experts from Bajaj Finserv imparted knowledge and essential skills relevant to the Banking, Finance and Insurance Industry to the students of our School of Management. Bajaj Finserv has trained more than 17000 students across the country in BFSI domain, but the batch at JECRC University is their first batch in the state of Rajasthan.



IBM: Through collaboration with IBM, which is the first of its kind in the country, our students have access to a wealth of resources on IBM's Learning Management System, which contains knowledgebase on recent technologies like Cloud Computing, Big Data and Full Stack Developer. We offer certification courses as well as integrated programs in association with IBM.



CISCO: JECRC University has become a "NF Silver Achiever" for the Networking Academy Program by CISCO. Students get opportunities to collaborate in various Workforce Development Programs. CISCO supports and facilitates helping the students for various opportunities like Women IT Rock, Find Yourself in the Future, Internship, Placements opportunities etc.



Narayana Hrudayalaya Hospital- Faculty of Allied Health Sciences, JECRC University has entered into a "Practical Training Enrollment Agreement" with Narayana Multispecialty Hospital, Jaipur. The Hospital group now features over 5,859 operational beds through a combination of greenfield projects and acquisitions. The purpose of this association is to provide internship and training to the students of the four degree programs, which are being offered by the School of Allied Health Sciences at the University.



NASSCOM- We are the first University in the state of Rajasthan to enter into an MoU with NASSCOM for their "Futureskills Prime" initiative. This is an excellent opportunity for all the students as well as faculty members of JU & JECRC to learn and develop new skills, earn badges and attain industry recommended certificates at no cost. Most importantly, the courses on this portal are handpicked, curated, validated and endorsed by industry giants like Microsoft, AWS, Cisco, Tech Mahindra, Wipro, Adobe, Genpact, so on and so forth.



**IN A WORLD THAT IS
CHANGING REALLY
QUICKLY, THE ONLY
STRATEGY THAT IS
GUARANTEED TO
FAIL IS NOT TAKING
RISKS.**

—

Mark Zuckerberg



Entrepreneurship @ JECRC

JECRC Foundation is a leading educational institution that has been operating for 22 years, with two wings: JECRC College and JECRC University, both located in Jaipur, Rajasthan. The institution has over 15,000 enrolled students and 18,000 alumni placed globally. One of the key components of JECRC Foundation is the JECRC Incubation Center (JIC), which provides early-stage support to entrepreneurs and helps them create viable and scalable businesses. JIC fosters an entrepreneurial culture around academics, research, and innovation.

Over the past three years, JIC has incubated 50 start-ups across various sectors such as EdTech, ICT, E-commerce, Retail, AR & VR, Sustainability, AgriTech, and others. With the support of JIC's mentoring and guidance, these start-ups have collectively raised over 15+ Crores.

JIC has played a crucial role in creating a strong entrepreneurial ecosystem, not only in the state of Rajasthan but in North India as a whole, making it one of the most sought-after academic incubators in the country. The Government of India has placed significant trust in JIC as an academic incubator, despite its short existence, and has provided it with seed funding of INR 9.1 Crores.

Differentiators of JIC

- 9+ Cr Funding Received by Ministry of Commerce & Ministry of Electronics and IT.
- 50 Incubated Start-up's
- ₹4 Cr Funding Disbursed
- 158 Employment Generated
- JIC Featured in India Today as "5 Incubation Centres to give your Startups a Kickstart"
- JIC Signed an MOU with Venture Catalyst, one of the largest venture capital fund of the country.
- One of the first in the country to have a Dedicated Start-up Policy
- Supported by 11,000 Sq. Ft. Area dedicated space for JIC Co-Working Space
- The Magnate-One Stop Solution for all start up related news published by JIC
- Dedicated Start-up Policy and Financial Support for Women Entrepreneurs
- 11+ Cr Revenue Generated
- 20,000+ Student Lives Impacted
- 2 Start-up's Received National Start-up Awards- Aloe E Cell & Cargo Exchange India Pvt. Ltd.
- JIC emerged as a Runner Up at National Entrepreneurship Challenge organized by IIT- Bombay
- One of the 3rd Year Incubated Start-up from Electronics branch received a Seed Fund of INR 30 Lakh at a valuation of over 12 Cr.
- 41% Start-up's Graduated
- 9+ Sector Supported Start-up's
- IPR / Copyright / Patent Registered
- Experienced Pool of Advisory Board, consisting of Corporate Leaders and Pioneers of entrepreneurship ecosystem
- 100+ Events on Entrepreneurship and Innovation Conducted in the last year.

Incubation Facilities:

- JIC trains the start-ups to build their Business Model.
- Bootcamps and speaker session to sensitize the students and streamline their business ideas.
- Product Development with the help of Experienced Domain Experts.
- Supporting start-ups in Pilots and Customer Validations
- Dedicated 12 Week Long Incubator program to take the students from Ideation to MVP Stage.
- Another dedicated 10 week program taking MVP stage start-ups to scalable business model.
- Access to JIC Networks/ Pool of Mentors, PR, Advisors, Entrepreneurs, Investors, Angel Networks and more so.
- Access to Hardware and Software Labs, Co-working Space and other facilities.
- Conducts Promotional activities to showcase their products/achievements
- Provides Funding Support
- Provides Business Support - Legal, Finance, Compliance
- Structured Mentoring support
- Marketing, HR, PR & Legal Support for the Start-up's.
- IP Curate lab & Makerspace Lab

Recognition:

JIC is recognized by Ministry of Electronics and Information Technology, Government of India as one of the only 20 G2C centres in India. JIC has also been recognized under Start-up India Seed Fund Scheme JIC has been awarded as the 'Most Promising Academic Incubator in India' by the Asia Today Network.



Partners of JIC

TiE Rajasthan: TiE Rajasthan under the aegis of TiE Global is working as a not for profit making organisation since year 2002 in Rajasthan. Over 200 members of TiE Rajasthan represent different sectors of the industry and are working towards a common goal of fostering entrepreneurship.

Headstart: Headstart is one of India's oldest and largest start up ecosystem development organizations. We have been chasing the vision 'changing the world with entrepreneurship' ever since.

Coding Ecosystem @ JECRC

CodeChef Chapter JECRC

An initiative started by the students of JECRC for developing competitive coding culture in the college. It was started in 2020 and JECRC students are continuing the legacy of the chapter. CodeChef Chapter JECRC, in accordance with Codechef focuses on most important building block of Computer Science i.e Logic and Data Structure and Algorithms, helping students to get started with programming and become better at this sport of programming, which eventually helps students to **grab the highest package in MAANG** i.e Meta(Facebook), Amazon, Apple, Netflix, Google, and other top-notch companies. It connect them with the codechef platform by hosting various coding contests. It conducts the biggest coding challenge, held every year by the name of **CodeWarrior** and **Smart India Hackathon** to test the coding and problem-solving skills of students on the campus. It also conducts learning events like workshops, webinars etc, and builds a culture of peer-to-peer learning. The goal of the chapter is to provide students with a community where the individual can improve his productivity and focus towards placement. Till now it have helped many students to excel in the art of programming, helping them to grab their dream packages. Codechef chapter JECRC not only prepare students for On campus placement, but also aware them about how they can crack Off campus placements as well.



Smart India Hackathon

As per the current scenario one of the most important skills that an engineering graduate need to keep up with today's fast paced software industry is having programming skills. Needless to say, JECRC has a large number of students honing their coding skills and the numbers to prove that. To inculcate the competitive coding in the students, JECRC organizes various coding competitions to support the coding ecosystem at JECRC. Since the commencement of Smart India Hackathon which is the world's largest innovation challenge, JECRC had the honor of hosting all of them as one of the nodal centres for North India. 75+ teams, with more than 500 students participated in this 36 hour coding contest and worked on providing the solutions for the problem statements given by various Ministries and Departments of Government of India, AICTE and various software Industries Another Jury Panel consisting of enthusiastic CEOs of renowned start ups further did a tough filtration on the basis of factors like business plan, fund generation & utilization process etc selected 4 teams for a seed fund by JECRC INCUBATION CENTRE - JECRC with 1,00,000 each, in order to motivate and validate their idea.



Hackquest

Since the day our Hon'ble Prime Minister Narendra Modi visualized of Digital India, All India Council for Technical Education (AICTE) and the Ministry of Human Resource Development (HRD) has decided to come together to organize a national level technical event "Smart India Hackathon." JECRC Foundation has been a consistent host of the Smart India Hackathon (SIH). This year, as a prelim to SIH, JECRC Hackquest a coding contest was organized. In which 74 teams participated from different departments. These teams were assessed by a total of 15 judges from Startups as well as from renowned software industry. Down to two evaluation rounds, 32 teams were shortlisted for power judgment round in which teams presented their solutions to the panel. Top 10 teams were selected and awarded with prizes and certificates in the valedictory session.

JECRC Hackathon 4.0

Looking at the current scenario, JECRC took no time to realize that the students who envisage stepping ahead from methodical doing or walking in the direction of becoming an entrepreneur need mind storming real challenges with experts/mentors to supervise. To challenge the mindsets of these brilliant students, we conducted JECRC HACKATHON. This year JECRC HACKATHON4.0 was conducted in which 462 students in 77 teams took part and out of which 9 teams were selected for the next step. The teams that participated in this event had chosen a SIH problem statement on which they developed software and hardware using different technologies and tools. This event was helpful for the students to enable them to develop their skills and abilities and to provide them with real-world experience. There are about 300 problem statements on the SMART INDIA HACKATHON WEBSITE on which our students worked and top 9 teams got the chance to be nominated for Smart India Hackathon 2020 and represent JECRC.

Smart Business Hackathon

Jaipur Engineering College and Research Centre (JECRC) and Rajasthan Technical University jointly organized the SMART BUSINESS HACKATHON, sponsored by TEQIP-III (A Government of India Project assisted by the World Bank) on 11th-12th October at JECRC Campus. The event was divided into two parts- BUSINESS HACKATHON and NASA Space Apps Challenge. The BUSINESS HACKATHON was a strategic platform for young entrepreneurs, enterprises, industries, technologies, to leverage the latest technical innovations on our businesses and daily lives. The NASA Space Apps Challenge was a global collaboration platform conducted across 250 cities around the world. The event was organized by SUMVN and KGS Advisor, co-organized by Think Again Lab in collaboration with Booz Allen Hamilton, Mindgrub and SecondMuse. NASA Space Apps Challenge is an official technical hackathon which had 21 challenges, and the top 3 participating teams got a chance to take part at national round held in Delhi. The winning teams from the national round grabbed an opportunity to go to NASA. JECRC was one of the nodal centres for Smart India Hackathon-2019 and RTU Smart Business Hackathon 2019. In SBH, we had about 320 teams registered from all over Rajasthan, out of which 200 teams were selected after going through 2 levels of mentor/judges scrutiny.

Coding Ninjas

JECRC has signed a MoU with "CODING NINJAS" to establish a center of excellence at JECRC with following objectives

1. To upskill the students by providing add on courses.
2. To increase awareness about the importance of Coding and Technical skills amongst the students.
3. To increase the student placements at higher package, especially in the Product Based Companies & startups at higher package.

As a part of this association, various highly paid programming courses such as C++, JAVA, Python etc are available free of cost to all the students of JECRC along with the dashboard to check the progress of each student.



Learning beyond Classroom @ JECRC



Embedded & Robotics Design Training

Embedded & Robotics Design Training was conducted at JECRC in collaboration with Sakrobotix Research & Startup Centre. A large number of students from departments of Electronics & Communication Engineering & Electrical Engineering participated in the training. On successful completion the students received certification from Sakrobotix and IIT Bhubaneswar. 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.).

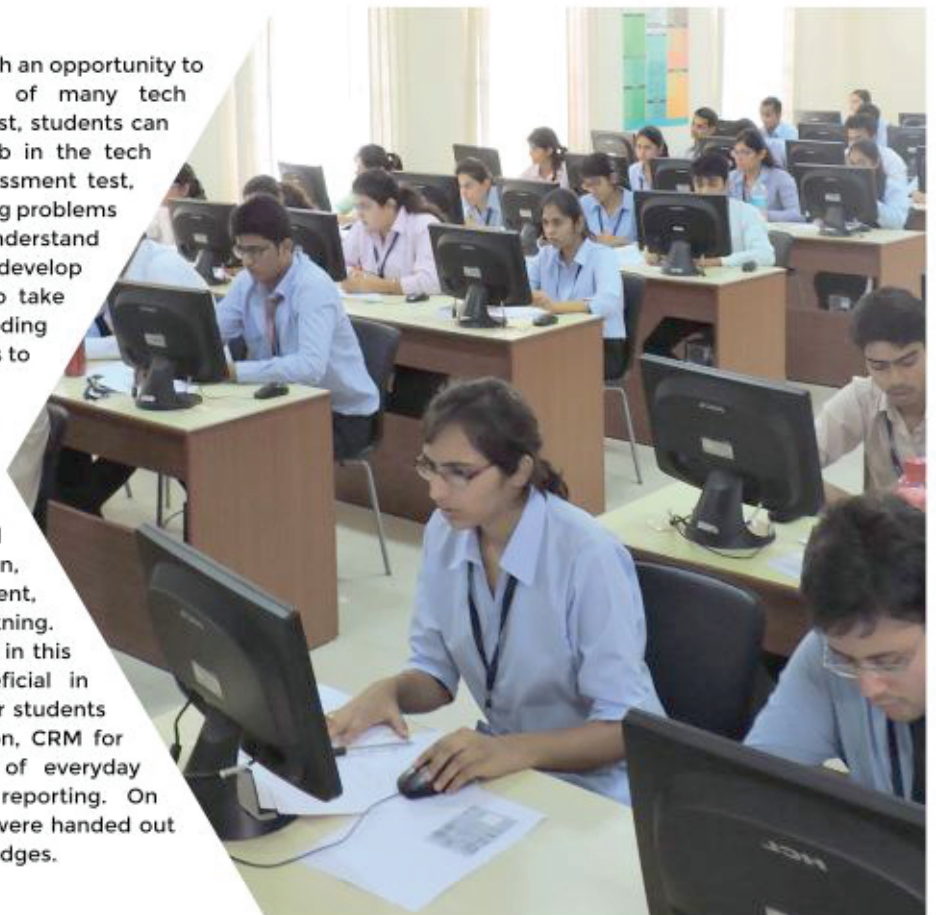
JECRC Code Warriors

Coding assessment test were organized by coding club JECRC Code Warriors to prepare students for placements in the tech industry. This test aims to evaluate students' programming skills and problem-solving abilities and help them secure a job in their desired field. The coding assessment test will comprise of a set of coding problems or tasks that students need to complete within a specific time frame. These problems will include coding challenges in various programming languages such as Java, Python, C++, or others.

This initiative aims to provide students with an opportunity to prepare for the recruitment process of many tech companies. By performing well on this test, students can increase their chances of securing a job in the tech industry. To prepare for the coding assessment test, students are encouraged to practice coding problems regularly. It will help them to understand programming concepts and develop problem-solving skills. Students can also take online coding courses, participate in coding competitions, and solve coding challenges to improve their skills.

Salesforce Training Module

Salesforce Training module is regularly conducted at JECRC. 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.





Skill Development in association with LIVEWIRE

JECRC in collaboration with LIVEWIRE 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 CAD 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.

Robotics Process Automation Training

JECRC Foundation has become the first educational group in the country to have more than 500 students certified in the Robotics Process Automation Essential program. Training program is conducted for students at JECRC by our expert faculty members to give them practical knowledge along with theoretical aspects about the Robotics process automation course. This helped students to crack the certification exam of RPA issued by Automation Anywhere. This 15 day training program is the outcome of our collaboration with Automation Anywhere, an established name in the field of Robotics Process Automation with offices in more than 35 countries. Together we have also established Rajasthan's first Bot Laboratory (Centre of Excellence) at JECRC. There are only 70 such bot labs all over the world. As a part of our future ready initiative more such beyond curriculum technical skills are being imparted to students to amplify their prospects in upcoming recruitment drives.

AI and ML certification courses by UpFlairs

During this training students would be trained in AI & ML modules, 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.





IAESTE LC JECRC

IAESTE which stands for INTERNATIONAL ASSOCIATION FOR EXCHANGE OF STUDENTS FOR TECHNICAL EXPERIENCE was established in 2014 for students to provide them with a world full of opportunities by connecting them to a global platform. It sets a platform for the students to exchange their culture with other people and to connect with like-minded people. The International Association for the Exchange of Students for Technical Experience (IAESTE) is an independent, non-profit, and non-political student exchange organization. It provides students with internships abroad in technical degrees (primarily in Science, Engineering and Applied Arts) with paid, course-related, training abroad and employers with highly-skilled, highly motivated trainees, for long and short term projects. With over 86 countries involved and exchanging over 4000 traineeships each year worldwide, it is the largest organization of its kind in the world. With the era of digitalization, IAESTE was already one of the best organizations to use the latest technologies to keep things run efficiently and get work done at a faster rate before the COVID put a set back on the whole world. We had one of the leading online-based exchange workings that only a few had and COVID only gave us the chance to make all of our other departments like HR, Administration, Marketing, Business Development, etc adopt the same technologies to get better in the current scenario.

JECRC MAKERSPACE

"If you can imagine, you can create." "JECRC MAKERSPACE" is a place for students who show interest in learning and working with electronic hardware. Makerspace focuses on providing a semi-formal environment, where students can work together irrespective of their course of study. The main domains are digital circuits, robotics and 3D printing.





MUN, 2022

Model United Nations

Model United Nations is an academic simulation of the United Nations where students play the role of delegates from different countries and attempt to solve real-world issues with the policies and perspectives of their assigned countries. The entire discussion takes place under formal rules of procedure to sincerely model the format of the UN. JECRC MUN was set up in 2012 to bring MUN culture to Jaipur. We were the first institution in Jaipur and the second in Rajasthan to conduct a MUN conference. The exponential growth in our legacy of 10 years depicts us as a zenith of debate and diplomacy. It provides an opportunity to learn and enhance leadership skills, public speaking, diplomacy, and networking. As a bonus, you get acquainted with the global issues, and these skills help a lot in placements. This year we executed our 11th edition, and it was phenomenal. Delegates from over two countries, 14 states, and 40+ institutions gathered together, and it was an excellent regime of an evolving environment. The glorious presence of Dr. Munish Jindal, CEO of HoverRobotix, and Mr. Satish C. Mehta, retired Director-General, ICCR, added stars to the event. In this edition, six committees were simulated: GA-DISEC, UNSC, Lok-Sabha, IMF, IP, and a Special Committee. Our previous editions have had the glory to acknowledge the presence of personalities like Dr. Jawahar Suriseti, a renowned psychologist, Ms. Harichandana Dasari, a civil servant, Shri Manishankar Aiyar, a former Indian diplomat, and many more.



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 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.



Cultural Activities

Student Development Cell



SDC believes in the holistic grooming of our students and therefore they stress equal emphasis on extracurricular activities. Every year, SDC works closely with students to achieve excellence outside classroom. It requires a year long engagement year after year to ensure the quality of events, seminars and student activities conducted at JECRC. It also keeps students engaged round the year by organizing various seminars and interactive sessions for them, conducted by the who's who from all walks of life. Opportunities that you will never get anywhere else. They bring experts from not just engineering background but people who have made a name for themselves in whatever they did hoping that they would not just inspire but will also give you a perspective on life. These activities are not meant just for fun and frolic, they are

in fact catalysts that develop qualities like leadership, team work, time management and stress handling in our students from the very beginning. One of the many reasons why our students have done wonderfully well year after year in their campus placements is that they are not just sound technically but are also ready to face the challenges of the world brimming with confidence.

Our Infrastructure



Student Development Cell

Student Council:

The purpose of the Student Council is to give the students an opportunity to develop leadership qualities by organizing and carrying out institutional activities and projects. In addition to planning events that contribute to the team's spirit and community welfare, the Student Council is the voice of the student body.

Verticals:





DJ Paroma

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 7,000 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. 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. 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, Millind Gaba, Harsh Gujral, Arjun Kanungo are a few of such esteemed names.

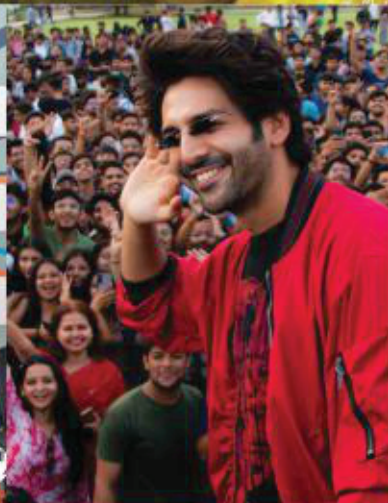


Arjun Kanungo



Harsh Gujral





Clubs:

Khalas bhangra crew

It is a type of traditional dance of the Indian subcontinent, originating in sialkot in the majha area of Punjab. The dance was associated primarily with the spring harvest festival Baisakhi. In a typical performance, several dancers executed vigorous kicks, leaps, and bends of the body to the accompaniment of short songs called boliyan and, most significantly, to the beat of a dhol. So far Khalas bhangra crew have proposed tremendous performance and have won many competitions.



Enigma Dance Crew:

Enigma Dance Crew is the western dance society of JECRC Foundation dedicated to inspiring, motivating and energizing every individual. Enigma was established more than 10 years ago making it the oldest cultural group of JECRC. From IITs to local colleges, we have participated in every possible event. Enigma have performed many dynamic performances and have won numerous competitions. We believe in "Teamwork makes the dream work" and consider never giving up as our greatest strength.



F'n'F – Face 'n' Footlights- The Dramatics Club of JECRC

F'n'F is a Cultural Club famous for the plays and plays of young, talented and enthusiastic artists. It is a team that works to spread an important message to society and individuals by performing well-developed stage plays, street performances, single performances, and many articles by writers. So far, F'n'F has proposed great works, won many competitions and has been nominated for contributions within the scope of his work. Since its inception, it has performed more than 50 plays on hot and necessary issues of consciousness, competition and society, and that number is still important.

Atrangi

Atrangi is known for the talented artists to enrich their hobbies and creativity at their best. It is a team which write and sketch for social messages and try to establish good concern with society. Atrangi have proposed many open mic and art competition as to come up with individuals showing their worth. Team Atrangi tries their best to encourage all the new raw artists to not only perform but also learn from the other teammates.

FotograFreaks

FotograFreaks is the photography club of JECRC Foundation. FotograFreaks is a blend of creative people with camera in hand, capturing around. The club aims to create opportunity for every student to discover the artist within them.



Avyaan

Avyaan, our music club and band at JECRC, is an epitome of the beauty of music. It's a perfect combination of music virtuoso and catchy jams. From Classical to Rock, Hip Hop to Bollywood, Avyaan has everything in their arsenal.



Abhyudaya

Social Arm of JECRC



"Social interaction is a major aspect of the leisure lifestyle. This is particularly true of adult leisure involvement. In many situations the social interaction is more significant and important to the participants than the activity itself". At JECRC University lot of social activities are imbibed in the curriculum to give an exposure & to be part of society at large. This helps in developing a bond amongst students who would become future citizens of this country.

Zarurat The Help Beyond...!

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 250 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 11 years. Around 300 children are a part of this gala event which gives them a day that is full of joy and happiness.



Aashayein - The Life Saviors

"Giving someone the gift of life is the most precious gesture of mankind."

Aashayein - The Life Saviors is an eminent student initiative, founded in October 2013, which has been incessantly working to fulfill the growing demands for fresh SDP (Single Donor Platelets). Our members are available 24*7 for the patients suffering from dengue and other blood-related diseases. With the unsung support of the life-saving donors, more than 1710 lives have been saved in the past 16 years by live SDP transfusion and 18,422 units of blood have been collected which is a milestone. All the team members are active 24*7 to fulfill blood and SDP needs all over Jaipur. After the need verification, the team arranges the donor and the blood and SDP coordinators of the team coordinates with both the donor and the beneficiary and provides them complete care and support while donation.

Soch

SOCH began its journey in August 2014. As per the name suggests, SOCH itself means a new and innovative idea that is aimed at encouraging the process of active thinking among people to eradicate the negative norms developed by the society. Cleanliness drives are organized in and outside college campus throughout the year with the motive of spreading awareness about cleanliness. QR Code technology is also implemented. Vastra Samman includes clothes and other essentials that are distributed to the poor and needy people by the students on the occasion of Diwali. In OCIP whole day is spent with orphans invited in the college from various orphanages. During COVID - 19, Vaccination camps were organized in the college campus for students, teachers and people. In CPR training Doctors are invited from SMS Hospital, Mahatma Gandhi Hospital and Apex Hospital in the campus to teach the students how to perform CPR and educate students about its importance.



Zarurat, celebrating innocence



Suhasini

Suhasini is a social initiative of JECRC Foundation, which works for the cause, "Beti bachao beti Padhao". It was formed in 2015 with a motive to eradicate the menace of female foeticide. The team visits villages and makes people aware of the importance of girls' education. Students at Suhasini visit door-to-door villages Like- goner, badi ka baas, laxmipura and many nearby villages and talk to people, encouraging and helping them to send their daughters to school. We also run education campaigns for the schools. Many admissions to govt schools were done by our team, including the kids who faced social or financial difficulties finding the right education or support. We also conduct nukkad natak and events on occasions like women's day and national girl child day at populated places like Albert hall and Patrika gate to convey the message to a larger crowd. Our motive is to provide an obstacle-free sky for our girls to begin their flight.



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 organized 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. 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.

Celebrating Innocence

This social club has been actively working for past 11 years and has successfully transformed the lives of around 2576 children. Since beginning it has been organising its day long annual event "Celebrating Innocence". This year the event witnessed a footfall of around 1000 people. The kids were very fortunate to have Mr. Abhigyan Prakash, a renowned journalist and an award winning columnist as the chief guest for the day. Many activities were held for the kids such as cartoon parade, zumba dance, bal bhojan, bal mahotsav and many more. The children also performed dance and skit. A 3D movie show and an astronomy session was also organised to enlighten children about science and space. The closing of the event was symbolised by releasing of balloons from the little hands, gave the vibes of a successful event with all efforts and rigid work resulting in a beautiful day. The goodie bags were also distributed among the kids at the end so they left with many memories.



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.

The pupil dilated in darkness and in the end finds light, just as the soul dilates in misfortune and in the end finds God. Spiritual Research Cell which is the first Rajyogya Thought Lab of India, and is perfect place of seclusion for the purpose of prayer and meditation to the supreme, is collaborated with RERF and Brahma Kumaris. It is assisting engineering students and faculty members with spiritual services from five years of its establishment.

International Day of Yoga

Yoga is an invaluable gift of India's ancient tradition. It embodies unity of mind and body; thought and action; restraint and fulfillment; harmony between man and nature; a holistic approach to health and well-being. It is not about exercise but to discover the sense of oneness with yourself, the world and the nature. International Day of Yoga is celebrated every year in college campus to revitalize the energy within and create awareness of its importance.



Self-Empowerment through Meditation

This is a seven days event in which one hour session per day is conducted. It is a regular event organized to empower individuals at mental, emotional and spiritual level. Meditation practice allows mind to get calm and create positive, powerful and purposeful thoughts. Once the participants learn to meditate, they practice meditation regularly in meditation room.

Thought Management and leadership

A three days online Faculty Development Program on 'Thought Management and Leadership' was organised during 28th - 30th September, 2020. The event was focused on empowering the stream of thoughts and clarifying the importance of thought management in leadership. The major take aways of the event were:

- Power of positive thoughts
- Transforming challenges into opportunities
- Meditation & Stress Management

There were a total of nine different sessions with three session every day. The journey of learning began from an engaging session of BK EV Girish in which he facilitated a wonderful discussion on the topic 'Teachers as Leaders'. The second session was the inauguration session in which many dignitaries shared the board with each other. Professor R. A Gupta Vice Chancellor RTU praised the event and pointed out the importance of emotional and spiritual knowledge along with the technical knowledge for stress free living. Inaugural Keynote speaker Dr. Girish Patel delivered an excellent content in which he shared the knowledge of 8 different types of thoughts. After it all the others speakers turned the people into good listeners by sharing number of eye-opening points throughout the three days event. Whether it was 'Digital Wellness' by Mr. Bala Kishore or 'Healthy and Happy Life', 'Thought Management' and 'Meditation for Self-Healing' by Dr. EV Swaminathan or 'Mastering the Self' by BK EV Girish all of them created a long lasting impression on the participants.

Lifestyle coach Mr. Sneha Desai kept the audience bound and shared practical knowledge about 'Leadership Skills' and the ways to develop and enhance them. The valedictory of the event was Sister Shivani who is a globally acclaimed spiritual mentor. She gave an amazing inspirational talk on living a better lifestyle through meditation. She said that stress free life can be lived only when we manage our lifestyle.

The event witnessed more than 550 registrations from about 350 different colleges from 100 plus cities around India and international participants from Kuwait, Pakistan, Nigeria and China. At the end it came out to be a successful event.

Stress and anger management

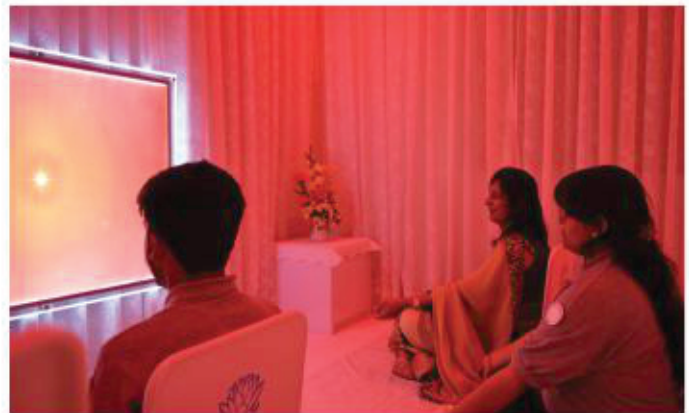
A five days online Faculty Development Program on 'Stress and Anger Management' was organised during 15th - 19th December, 2020. More than 2700 participants from various institutions across the country registered for the event including 200 participants from 40 countries. Major take away of this event:

- Let go inner pain
- Work life balance
- Learn meditation
- Experience peace

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 & omics 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 omics 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.



Xananoids

Xananoids - the robotic people, a club of Techno-maniacs with diligence and love for Robots. Xananoids developed a Prototype of Smart Dustbin a Mobile Robot that can pick garbage with the help of Robotic Arm. Planning to use Machine Learning to automatically detect garbage and ROS for Navigation in Future.

Statutory Compliances

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.



Orientation Ceremony, welcoming class of 2022

Faculty Achievements :

1) Dr. Barkha Shrivastava and Ms. Rekha Vijay published a paper entitled " Synthesis of Spiroheterocycles derived from dione and dipolarofiles" in International conference on "Academia Industry Interface Model: Avenues for the Future", at BICON 2022-23.

2) Ms. Rekha Vijay and Dr. Barkha Shrivastava published a paper entitled " A Review: Spiro Heterocycles and their Biological Activities" in International conference on "Academia Industry Interface Model: Avenues for the Future" BICON 2022-23.

3) Dr. Avani Pareek , Dr. Barkha Shrivastava, Ms. Rekha Vijay & Manini Ojha published a paper entitled "A Review Study on Bridges & High Rise

4) Dr. Barkha Shrivastava, Dr. Avani Pareek, Ms. Rekha Vijay & Kunal Shrivastava published a paper entitled " A Review on Strategies of Innovative Structures" in Journal of Structural Engineering, its Application & Analysis (e-ISSN 2582-4384).

5) Dr. Avani Pareek , Dr. Barkha Shrivastava, Ms. Rekha Vijay & Nikhil Tiwari published a paper entitled " A Review Paper on New Technology in Fire Engineering on Green Buildings" in Journal of Structural Engineering, its Application & Analysis (e-ISSN 2582-4384).

6) Dr. Manoj Pathak was awarded a Ph.D. degree dated 17/12/2022 on topic "Study the Optical, Electrical and Dielectric behaviour of II-VI group semiconducting material with and without manganese doping".

7) Dr. Kashish Parwani has been awarded by "Nari Ratan Samman" by Baal Yuva Naari Jagriti on International Women's Day.

8) Dr. Barkha Shrivastava has been published a paper entitled " A Novel Approach of 19 F NMR based Sensor: A Review" in the Research Journal of Chemistry and Environment (ISSN: 9720626, SCImago)

9) Dr. Sonia Khubchandani has participated in Contexts and Recommendation to overcome challenges in Indian English Studies Framework in 21st Conl. in Biyani International Conference (BICON) 2022-23 on 23 January 2023 held at Biyani Group of Colleges , Jaipur, Rajasthan, India.

10) Dr. Krishan Kumar Saini and Mr. Pradeep Kumar Jain along with 16 students get financial assistance of 2.0 Lakh Rupees from AICTE under Mission Amrit Sarovar - Jal Dharohar Sanrakshan Internship during 01-July to 05-August-2022.

11) One patent of Dr. Smita Agrawal (Prof. & HOD) & Mr. Rizwan Khan (Assistant Professor) on "Turban with Solar Charger " with application no. 360847-001 was granted by Govt. of INDIA in March 2023.



12) Dr. Smita Agrawal acted as resource person in the one week (27 Feb to 6 March, 2023) World Bank funded Faculty Development Program (FDP) on the topic " ICT Tools for Teaching Learning Process in Higher Educational Institutes, organized by Department of Commerce, Govt. Mahakoshal Arts and Commerce Autonomous Lead College, Jabalpur.

13) Dr. Smita Agrawal is being invited by Reserve Bank of India on the occasion of Women's Day to deliver an Expert Talk on 8th March 2023.

14) Dr. Smita Agrawal is being invited by Soft Computing Research Society as a Program Chair in International Conference of Undergraduate Students, on 15-16 April, 2023.

15) The first Faculty Development Program (FDP) was organised by NITTTR, Chandigarh on Cyber Threats and Security Measures, which will be held from 25/07/2022 to 29/07/2022. The attendees included Dr. Prerak Bhardwaj, Mr. Vishal Sharma, and Ms. Neha Agrawal.

16) The second FDP organised by NITTTR, Chandigarh was on MATLAB and Simulink for Beginners, scheduled from 19/09/2022 to 23/09/2022. The attendees in this program were Dr. Prerak Bhardwaj and Ms. Neha Agrawal.

17) The third FDP organised by NITTTR, Chandigarh was on Power Electronics for Renewable Energy Applications and is set to take place from 31/10/2022 to 04/11/2022. The attendees in this program were Dr. Prerak Bhardwaj, Mr. Vishal Sharma, Mr. Gopal Tiwari, Mr. Shailendra Srivastava, Ms. Neha Agrawal, and Mr. Sunil Sharma.

18) Lastly, the fourth FDP organised by NITTTR, Chandigarh was on Outcome-based Education, scheduled from 19/09/2022 to 23/09/2022. The participants in this program are Mr. Gopal Tiwari and Ms. Neha Agrawal. It is important to note that all FDPs will be held at NITTTR, Chandigarh.

19) Dr. Sanjay Gour, Professor & Head, Department of Computer Science and Engineering has been awarded by the MEWAR SCIENTIST 2023 on the occasion of National Science Day, Feb 28th, 2023 at Arawali Institute of Technical Studies Udaipur. Dr Sanjay Gour received this award from Prof. Shibu K. Mathew, Scientist & Head, Udaipur Solar Observatory, Prof. Ajay Kumar Sharma, Vice Chancellor, M.B.M. University Jodhpur and Prof. S. C. Ameta, Eminent Scientist.

20) Dr. Sanjay Gour Professor and Head Department of Computer Science and Engineering has been awarded by the prestigious "SHIKSHA RATNA SAMMAN-2022" on the occasion of Teachers Day 2022. The award was given by Universe International Journal of Interdisciplinary Research (UIJIR) Academic Research Foundation as appreciation and recognition of his outstanding contribution in academic.

21) Dr. Sanjay Gour, Professor and Head, Department of Computer Science & Engineering has been delivered expert lectures to Centre for Professional Development in Higher Education, UGC-HRDC, University of Delhi, DY Patil University Navi Mumbai, Uttam Group of Institutions Agra, Rajasthan Institute of Public Administration (Officers Training Centre) Jaipur, IASE University Churu, Aishwarya College Udaipur, SS Pareek PG college Jaipur and many more as resource person for Refresher Course, Workshop and Short term training program.

22) Dr. Sanjay Gour, Professor and Head, Department of Computer Science & Engineering has been publish book on title "Principal of Programming Language through C with NK Publications, Jaipur, ISBN: 978-93-5736-559-8 | SKU: 978-93-5736-559-8.

23) Dr. Sanjay Gour, Professor and Head, Department of Computer Science & Engineering have been honored by Certification of Appreciation by Uttam Group of Institution Agra (UP) on 7th January 2023 for technical content delivery in various reputed institutions.

24) Dr. Sanjay Gour, Professor and Head, Department of Computer Science & Engineering has been publish 03 Patent during the academic session 2021-22.

25) Ms. Preeti Sharma (Assistant Professor) Ms. Deepika Bansal (Assistant Professor) Ms. Shikha Srivastava (Assistant Professor) and Mr Brijesh Kumar Singh (Assistant Professor) are mentor of (Google cloud computing foundation-GCCF) course.

26) Dr. Jaivardhan Assistant Professor, ECE department has been elected as Joint Secretary of IEEE-Rajasthan subsection EXECOM 2022.

27) Dr. Ajay Yadav Assistant Professor, ECE Department has been elevated to the IEEE Senior Member in February 2022.

28) Patent has been granted by Australian patent Office-government of Australia to Dr. Sandeep Vyas Professor and Head, Department of Electronics and Communication Engineering. The patent is titled is "An Artificial Intelligence Based IOT Enabled Drowsiness Detection System" with Application no.2021104783.

29) Patent has been published by patent Office-Government of India to Dr. Sandeep Vyas Professor and Head, Department of Electronics and Communication Engineering. The title of invention Design of Machine Learning Certification Algorithm Using Image Progress for Detection of Vegetable Crop Disease with Applications no.202241012480.

30) Dr. Jaivardhan and Dr. Girraj Sharma, Department of ECE has published a patent on "Real Time visual object detection For intelligent video surveillance using IOT" with Applications no. 202141037721.

31) Dr. Sandeep Vyas, Professor, ECE Department has published a research article "Dispersion Engineered AsSe2 Based Chalcogenide Photonic Crystal Fibre for MRI Region Supercontinuum Generation" in Optical and Wireless Technologies, Lecture Notes in Electrical Engineering, Springer, Singapore (Scopus Indexed).

32) Dr. Sanjay Gore, Professor and Head Department of Computer Science and Engineering has been publish : International book on title "Industry 4.0 AI & Data Science Research Trends Challenges" CRC press London New York Taylor France's publication USA. ISBN : 978-0-367-56285-4/5 and ISBN : 978-1-003-09718-1(online).

33) Dr. Sanjay Gore, Professor and Head, Department of Computer Science and Engineering has been delivered expert lectures to Centre for Professional Development in Higher Education UGC-HRDC. University of Delhi as resource person for Refresher Course, Workshop and Short term training program.

34) Dr. Sanjay Gore, Professor and Head, Department of Computer Science and Engineering has been honored by Certification of Appreciation in 6th International Conference on Information Communication technology for Intelligent System, Ahmedabad (Gujarat) on 22nd April, 2022. He was invited speaker for the conference.

35) Tripti Dua Assistant Professor, Department of Computer Science, Anju Rajpoot Assistant Professor, Department of Computer Science and Dr. Sanjay Gore, HOD, Department Computer Science have published a chapter titled novel 81 Multiplexer for Low Power and Area Efficient design in industry 4.0 in book industry 4.0 AI data since CRC press 2021.

36) Anju Rajpoot Assistant Professor, Department of Computer Science and Tripti Dua Assistant Professor, Department of Computer Science have published a research paper titled "Novel Energy Efficient Half Subtractor Designs" in IEEE International Symposium on Smart Electronics System (ISES), December 2021



JECRC Foundation (IPR Cell)

JECRC Foundation IPR Cell was established to encourage creativity, research and to provide a platform to protect the IP getting generated in the College. The vision of IPR cell is to develop human resources in the management of intellectual property rights as an integral part of the innovation process. IPR plays a vital role in providing a competitive edge for an institution. To hearten the research culture among the students and teachers, the entire fee to file a patent, copyright and trademark is sponsored by the College management.

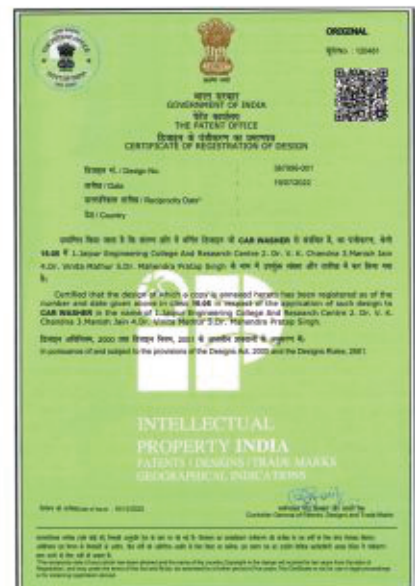
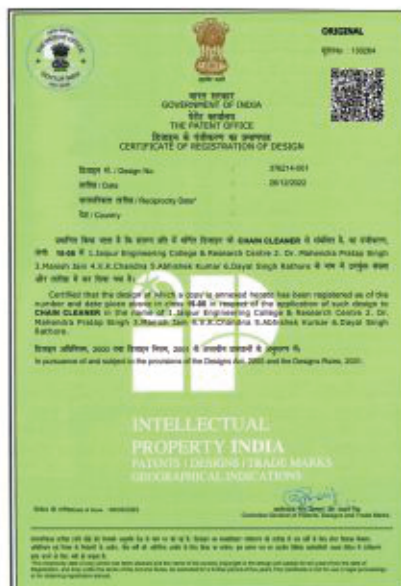
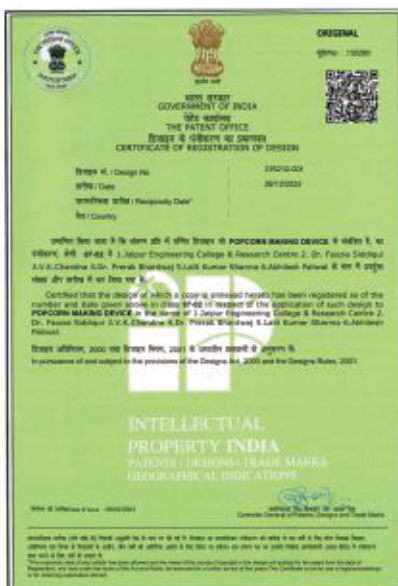
The cell has been involved in several IPR awareness and implementation programs in college campus and also mentoring the inventor to develop novel ideas that can reach to technology transfer stage thus, a key objective of the cell is to integrate the IPR with the education process to enhance the quality of thinking, propagate a culture of regards and respect for IPR and ensure speedy and accurate identification and protection of innovation arising out of the research work carried out in the college.

HIGHLIGHTS

90 JECRC teachers have been trained in idea generation and patent writing

55 Patent filed, 47 patent published, 3 patent grant by-JECRC Faculties

20 exclusive training session by industry expert.



Student Achievements :



1) Aman Sain published a paper entitled "Global Transformation of Healthcare System" in International conference on "Academia Industry Interface Model: Avenues for the Future", at BICON 2022-23.

2) Ketan Sharma and group of I year scored first position in Group Discussion competition held in first semester as Language lab Activity.

3) Sheetal Jangir, Vedika Sharma, Tushar Aggarwal, Vinit Meena, Tanmay Kala of First Year scored 1st position in Mathematics Project Exhibition in 2022-23.

4) Ayushi George of AI&DS 2020-2024 batch selected as AWS Cloud Captain, only 50 from the world are selected for cohort one this year.

5) Ayushi George of AI&DS 2020-2024 batch was Invited as Speaker in Delhi Annual WEF Conference December 2022 as State Vice President at WICCI Human Right Council, Rajasthan.

6) Jaiprakash of AI&DS 2020-2024 batch Completed Google cloud ready facilitator program with Ultimate Milestone.

7) Aman Sain published a paper entitled "Global Transformation of Healthcare System" in International conference on "Academia Industry Interface Model: Avenues for the Future", at BICON 2022-23.

8) Ketan Sharma and group of I year scored first position in Group Discussion competition held in first semester as Language lab Activity.

9) Sheetal Jangir, Vedika Sharma, Tushar Aggarwal, Vinit Meena, Tanmay Kala of First Year scored I position in Mathematics Project Exhibition in 2022-23.

10) Mr. Pratyush Amrit, 4th year student of Electronics and Communication Engineering Department has published the research paper titled "Semiconductor material photonic crystal fiber for mid-infrared supercontinuum generation" in Materials Today: Proceedings, Elsevier (Scopus Indexed).

11) Aayu, Varuna Sharma and Amit Kataria, 2nd year students of Electronics and Communication Engineering Department have been declared as Qurable winner in Khoj Startup Yatra held in BITs Pilani for their health tech startup which is a platform designed for providing mental health counseling therapy and parenting guidance.

12) Aayu, Varuna Sharma, Abhishek Choithani and Vaibhav Sindhav, 2nd year students of Electronics and Communication

Engineering Department have won 3rd prize in National Science Exhibition held in Vivekananda Global University for their project "Automated Water Irrigation System using Moisture Sensor".

13) Aman Somvanshi, Aagam Jain and Sejal Pokharna, 2nd year students of Electronics and Communication Engineering Department have received INR 15,000 grant from JECRC Incubation Centre (JIC).

14) Aman Somvanshi, Aagam Jain and Sejal Pokharna, 2nd year students of Electronics and Communication Engineering Department have received INR 25,000 grant in 'Startup Conclave'.

15) Mr. Piyush Bohra student of CSE honored by the Governor of Rajasthan in the Convocation ceremony of the Rajasthan Technical University Kota 2023. He is 2nd rank holder on the university level with 89.60%

16) Fourteen Students of Department of Computer Science & Engineering has been selected for Network Administrator (CCNA) training by the CISCO through R-CAT Government of Rajasthan with entirely free scholarship.

17) Aditi Gupta student of Final Year Department of Computer Science & Engineering got selected in top 75 Agri-Startups all over India to exhibit her startup's stall Gaumaaya in Krishi Mahotsav held on January 24th-25th, 2023 at Kota, Rajasthan.

18) Jatin Lalwani, of 3rd Year Department of Computer Science and Engineering exhibited his selected creative pictures for the event Blend Space 2.0 at Jawahar Kala Kendra, Jaipur in Jan 2023.

19) Aditi Gupta student of Final Year Department of Computer Science & Engineering grabbed a prize money of 25,000 INR on Dec. 7, 2022 for her startup Gaumaaya in a regional level competition, Khoj Startup Conclave at JECRC. She also stood 1st at State Level 'Energy Champ-thon' hackathon at MNIT and received cash prize of 36,000 INR.

20) Avi Sharma student of Third Year won First prize for his research based Case Study event on the topic "Sportica". The event held on January, 29th, 2023 at MNIT Jaipur, conducted during the Zonals of Cognizance 2023, the annual technical fest of IIT Roorkee.

Conferences @ JECRC

ICETEAS-2023

2nd International Conference on Emerging Trends in Expert Applications and Security (ICE-TEAS 2023) held at the Jaipur Engineering College and Research Centre Jaipur, Rajasthan, India, during 17-19 February 2023, which addressed various facts of evolving technologies in Expert Applications and analysis of the threats associated with them and eventually proposing solutions and security to those threats. The conference was organized collectively by the "Department of Computer Science Engineering, Department of Information Technology & Department of Artificial Intelligence and Data Science" of JECRC, Jaipur in association with Springer Nature for publication (LNNS Series), and supported by CSI Jaipur Chapter, ACM Professional Chapter Jaipur, and GR Foundation, Ahmadabad. More than 516 papers were received out of which 98 were selected after impartial plagiarism checks and rigorous peer review processes. All 98 papers have been included in two different volumes (Vol-1, Vol-2) each containing 49 papers which were presented in 12 different technical sessions. The Conference was in Hybrid Mode wherein about 30% participants came to attend the conference physically from across the globe and the rest 70% joined virtually to present their paper as well as to hear the exemplary speakers across the globe. We had international participants and delegates from countries like Italy, Serbia, Norway, Portugal, USA, Vietnam, Ireland, Netherlands, Romania, and Poland are few. PC Chairs and Editors of ICE-TEAS 2023 Proceedings, Prof. Vincenzo Piuri, Professor at University of Milano, Italy, Prof. Joao Manuel RS Tavares Professor, University of Porto, Portugal, Prof. Vijay Singh Rathore Professor-CSE & Director - Out Reach JECRC Jaipur. Co-Chairs and Editors of ICE-TEAS 2023 Proceedings, Prof. Rosalina B. Babo Professor, Polytechnic Institute of Porto, Portugal, Dr. Marta Campos Ferreira Assistant Professor, University of Porto, Portugal and Dr. B. Surendiran, Associate Professor, NIT Puducherry, India.



4th International Conference on: Recent Innovations & Technological Development in Mechanical Engineering (ICRITDME2021)

It's been an amazing journey from the first time we started ICRITDME since then the participation has increased tremendously & we would like to tell our guests that this year we have received around 250 research papers out of which we have shortlisted around 109 papers based on the different criteria's. The 4th International Conference on "Recent Innovations & Technological Development in Mechanical Engineering" (ICRITDME-2021). JECRC has proved it again & again over the time "Knowledge & learning has no boundaries" this year due to the worldwide Pandemic "CORONA" we has successfully conducted in online mode by Mechanical Engineering Department, on 11-12 March. Department of ECE organized the 2nd International Conference on Advances in Materials Science, Communication and Microelectronics (ICAMCM-2022) on 17-18 June 2022 in the association with OPTICA Student Chapter-JECRC and IETE Rajasthan Centre. This conference was technically sponsored by the Elsevier Materials Today Proceedings (Scopus Indexed). The international and national experts from eminent institutes around the globe share their knowledge with the attendees. This conference is organized with the perception to address the various issues in society in the fields of material science, communication engineering, and electronic technology. At this conference, it will be expected that researchers will bring new prospects for collaboration across Intra and inter disciplines to facilitate novel concepts.



Center of Excellence @ JECRC

Embedded System & Design

The center of excellence has all important equipments and tools which are used to design the prototypes and product development. The lab is equipped with 3-D printer, PCB fabrication machines, welding machine, Developers boards (Aduino, Raspberry-Pi, AVR's etc), all mechanical and electrical tools. Many products have been developed by this CoE so far and some are in pipeline. Currently, Gyani 2.0 (3-D Printed Chabot with motion sensors and voice detection), Fire-fighter robots, Smart Dustbin, Quad-copter, Persistent of Vision (POV), Robotic Arm, Line following robots, Automation based on IoT, motion sensor robots and some of the models are related to small projects by students. Above 1200 students got placed in companies in the profile Embedded system & designs. Total 13 research papers have been published in international conference. We are focusing to publish more papers in reputed journals and conferences. The center has also proposed free of cost training to underprivileged students. The center is adequate to provide basic training to the students of ECE and allied branches.

Science and Spirituality

Centre of Excellence in Science and Spirituality is a unique thought lab located in JECRC, Jaipur which is developed with the aim to provide spiritual guidance and benefits through Scientific methods. It uses various devices to track and amplify all the four dimensions of health i. e., physical, emotional, mental and spiritual health. It contains devices like Bio Well (aura scanning), Karada Scan(measures body age and fat and muscle percentage), Muse (measures neutral and calm mind state) and EEG devices. Here students are also encouraged to work on Techno-Spiritual Gadgets which aims in explaining and implementing spiritual concepts. These are embedded based projects which works on technologies like IOT (Internet of Things), Machine Learning, PCB Designing etc. Arduino boards, Raspberry Pie, various sensors and modules are used as hardware and software's like Arduino, Python IDE, Proteus, etc. are also used to develop these projects. This provides a unique real application based learning to students which boosts their confidence.



Robotics Process Automation (RPA)

Robotic Process Automation is nothing but instructing a machine to execute mundane, repetitive manual tasks. Robotic Process Automation (RPA) is a software technology that is easy for anyone to use to automate digital tasks. With RPA, software users create software robots, or "bots", that can learn, mimic, and then execute rules-based business processes. RPA automation enables users to create bots by observing human digital actions. Show your bots what to do, then let them do the work. Robotic Process Automation software bots can interact with any application or system the same way people do except that RPA bots can operate around the clock, nonstop, much faster, and with 100% reliability and precision. RPA is the process by which a software bot uses a combination of automation, computer vision, and machine learning to automate repetitive, high-volume tasks that are rule-based and trigger-driven.

E-Vehicles & Automation (COE-EVA)

The Centre of Excellence in E-Vehicles & Automation (COE-EVA) at JECRC is the first of its kind under the aegis of Rajasthan Technical University, Kota that is focused on E-Vehicles and Automation. The centre is spread into approximately 2300 square feet built up area which houses dedicated facilities for hands-on training on E-vehicle and automation as well as fabrication/modification of E-Vehicles. The centre is equipped with the latest hardware and softwares that are currently being used in industries for analysis, design and improvement in performance of E-Vehicles. The facilities provided by COE-EVA for trainees to apply their knowledge for modifying/building their own E-vehicles are state of the art and second to none. The centre engages well qualified faculty and industry professionals who are actively engaged in the area of E-Vehicles and automation. Partnering with the Incubation Center at JECRC Foundation (JIC), provides critical support in making the present day students tomorrow's entrepreneurs. They are given substantial exposure by in-house and outside experts on various aspects of Intellectual Property Rights (IPR), filing patents, building startups as well as monetary support of up-to Rs. 10 Lakhs for promising ideas as per the policies of Incubation Center.



Jaya Kishori
Spiritual & Motivational Speaker

JECRC Alumni Association

Established in 2007, The JECRC Alumni Association (JAA) maintains and enhances a highly engaged, vibrant community of over 24,000+ alumni currently working and serving the Industry across the country & worldwide...

"JECRC is moving ahead on the path of futuristic vision & in this journey, JECRC alumni are playing an important role in building the credibility of JECRC and have contributed immensely to the growth of the college."

- JECRC Alumni Association is a well-established and active alumni association. The JECRC Alumni Association is creating a powerful positive impact as alumni relations have become a strategic asset for progressive institutions like JECRC.
- JECRC Alumni Association is a Registered Alumni Association under the **Rajasthan Institutional Registration Act, 1958** since **04 November 2008**.
- JECRC Alumni Association has its own dedicated department office with three full time employees.



JECRC Alumni Association serves with a purpose to promote the welfare of JECRC College and to establish a mutually beneficial relationship between college and its alumni. The JAA helps alumni connect with the college and with fellow graduates & current students through a wealth of engagement activities, continuing educational & mentorship programs online, and alumni events throughout the year.

Mission of Alumni Department

- To collaborate in JECRC's commitment to become a leading technical education institution.
- To fulfill this mission by cultivating a diverse community of learning and discovery that produces leaders across the spectrum of human endeavor.
- JECRC Alumni Association aspires to provide meaningful engagement opportunities for all JECRC Alumni to be involved with the institution and connected to each other. Today, 21 years after the founding of JECRC, alumni remain as engaged and connected to the College as ever. JECRC Alumni Association represents a vibrant and diverse community - a family that is continuously growing and adding new members, whose spirit and determination are unrivaled.
- The JECRC Alumni Association aspires to represent, mobilize and serve this community on campus and around the world.

Vision of Alumni Department

- JECRC Alumni Association aims at connecting the JECRC Alumni with their Alma-Mater and present students with a clear focus on mutual growth and development of the student community and Alumni Community simultaneously. The JAA strives to strengthen the Alumni - Alumni, Alumni-Student, & Alumni-Institute network all throughout the year by organizing activities and events that benefit all the community's activities at large at JECRC. It also strives to bring training, internship and placement opportunities for the present students through the Alumni Community which results in mutual growth of the community and institution at large.



Wherever you are,
JECRC
stays with you.



JECRC Alumni

Contribution & Reach

- **INR 1 Crore+ Alumni Contribution:** JECRC Alumni have contributed more than INR 10 Million in last 5 years to their alma mater.
- **150 + Students enrolled for Higher Studies since 2015:** More than 150 students enrolled in various postgraduate courses both in India & overseas in the last 5 years.
- **35+ Countries, 250+ Cities 1500+ Companies:** JECRC is proud of the fact that our alumni are located across the globe & earning laurels in their career.
- **24,000+ Alumni:** JECRC holds a strength of 24,000+ dynamic alumni till date. JECRC Alumni can be found in every sector of work & holding influential position in several MNCs.
- **Startup Ecosystem 75+ Startups:** Alumni entrepreneurs encourage students. Some of our Alumni have established startups in diverse sectors, many of them established during their time at JECRC.

Best practices adopted by the Alumni Department

- **Alumni Meet** - Alumni Meet is a formal function which consists of inauguration, alumni interaction with students, cultural programs by the present batch of students followed by dinner.
- **The Distinguished Awards** - The Association each year is authorized to award the JECRC Alumni. The award is to be made to JECRC alumni and others in recognition of outstanding work in their chosen fields.
- **Alumni Interaction Series** - An online Series initiated by JECRC Alumni Cell to connect professional Alumni from all over the world with current students.
- **Alumni Led Placements (ALP)** - Alumni association provides continuous support to students for summer internship, winter internship and placement assistance
- **Judging & Mentorship, Training** - Alumni shares their knowledge and competency with students. Alumni appear as guests at various National & International Events Such as Smart India Hackathon.
- **Alumni Startup Meet** - Alumni Startup Meet is an initiative to bring all startups by JECRC under one roof & reward the most exceptional startups.
- **Meet & Greet** - Alumni share their corporate experiences, guide current batch of students and assure the students to be in continuous communication with them.
- **Mentorship through Portal** - Alumni share their professional expertise with students.
- **Participation in annual tech fest** - Alumni participates in Annual Tech-Fest "Renaissance" as Judge, Mentor, Guest, Panelist, Alumni etc
- **JECRC Alumni Unplugged** - A series of interviews where alumni reflect on their college experiences and share their journey from student to alum.
- **CORDS** - Its an Initiative design with the intention to help the upcoming generation of JECRC. In the program students of 1st, 2nd & 3rd year learned from the one who once have been in the same boat and now have positioned themselves in the top-line leadership at various organizations. **CORDS** is in its second session and has around **30+ mentors and 400+ participants** so far.



Association ..and the legacy continues





23
Years of
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Fee Structure

For the Session 2023-24

Class/Year for which the fees is to be deposited		Tuition Fee including Development Fee	
		Odd Semester	Even Semester
B-Tech IV Year	Student who were admitted in session 2020-21 NBA Accreditation Fees (for ECE and ME only)	38500 3000	38500
	Student who were admitted Under Tuition Fee Waiver Scheme (TFWS) in Session 2020-21 NBA Accreditation Fees (for ECE and ME only)	10000 3000	NIL
B-Tech III Year	Student who were admitted in session 2021-22 NBA Accreditation Fees (for ECE and ME only)	42508 3000	42507
	Student who were admitted Under Tuition Fee Waiver Scheme (TFWS) in Session 2021-22 NBA Accreditation Fees (for ECE and ME only)	11089 3000	NIL
B-Tech II Year	Student who were admitted in session 2022-23	48000	48104
	Student who were admitted Under Tuition Fee Waiver Scheme (TFWS) in Session 2022-23 NBA Accreditation Fees (for ECE and ME only)	11089 3000	NIL
B-Tech* I Year	Student who admitted in session 2023-24	55500	48104
	Student who were admitted Under Tuition Fee Waiver Scheme (TFWS) in Session 2023-24 NBA Accreditation Fees (for ECE and ME only)	18589 3000	NIL
B. Tech* II Year (LEEP)	Student who were admitted (Through Lateral Entry) in Session 2023-24	55500	48104

*Variation in the fees for admitted students in session 2023-24 is subject to approval of competent authority.

*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 2023-24.
- Second installment of fee (for even semester) is payable in November 2023.
- 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 2023-24.



Transportation & Hostel Fee

The following figures are subject to revision :

Hostel Fee		Bus Fee
1 st Installment	2 nd Installment*	
60,000/-** (Double & Triple Seated) (If he/she avails this facility)	30,000/- (Double & Triple Seated) (If he/she avails this facility)	28,000/- (If he/she avails this facility)

*Second Installment to be deposited in November 2023.

**The first installment includes a onetime utility charges of 5000/- (Non-refundable)

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 Collection Account

Account Number: 923020016005787

Bank's Name & Branch: Axis Bank Limited, Sitapura, Jaipur

IFSC: UTIB0002982

Account details for depositing Hostel Fee is:

Account Name: Jaipur Engineering College and Research Centre Collection Account

Account Number: 923020016005787

Bank's Name & Branch: Axis Bank Limited, Sitapura, Jaipur

IFSC: UTIB0002982

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 of "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 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

“
**LEARN AS IF
YOU WERE
TO LIVE
FOREVER.**

—
Mahatma Gandhi

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Seat Matrix

The number of seats available for admissions during the session 2023-24 in the First year and Second Year Programs.
(College Code 020)

First Year B.Tech Admissions

S. No	Branch	Number of Seats
1	Artificial Intelligence & Data Science	180
2	Civil Engineering	60
3	Computer Science & Engineering	240
4	Computer Science & Engineering (Artificial Intelligence)	120
5	Electronics & Communication Engineering	120
6	Information Technology	180
7	Mechanical Engineering	30
8	Electrical Engineering	60

Total Intake 990

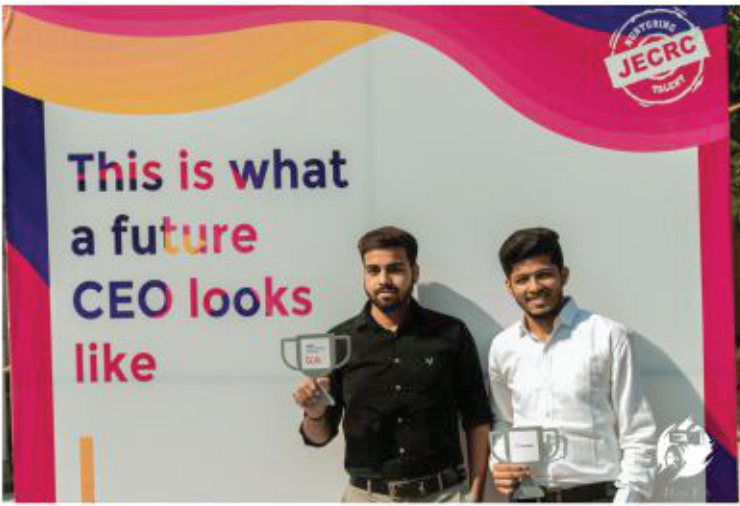
***Variation in the seat matrix for the session 2023-24 is subject to approval of competent authority.**

Second Year B. Tech Admissions Under LEEP

S. No	Branch	Number of Seats
1	Artificial Intelligence & Data Science	12
2	Civil Engineering	9
3	Computer Science & Engineering	24
4	Computer Science & Engineering (Artificial Intelligence)	6
5	Electronics & Communication Engineering	18
6	Information Technology	18
7	Mechanical Engineering	6
8	Electrical Engineering	6

Total Intake 99

Eligibility for admissions under LEEP is as directed by the Government of India



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**THE WAY
TO GET
STARTED
IS TO
QUIT
TALKING
AND BEGIN
DOING.**

—
Walt Disney

”

Contact Us



Shri Ram Ki Nagal, Via
Sitapura RIICO, Opp. EPIP
Gate, Tonk Road , Jaipur
302022



www.jecrcfoundation.com



 [jecrcfoundationofficial](https://www.instagram.com/jecrcfoundationofficial)
 JECRCfoundation

Department	Name	Contact No.
Admission Helpline	Mr. Manish Jain	9214699647
	Mr. Gajendra Sharma	9982682917
	Dr. Shruti Kalra	9251039858
	Mr. Sunil Bharadwaj	9982682473
Lateral Entry Admission	Mr. Vishwas Verma	9982682331
Registrar	Prof. (Dr.) R. K. Mangal	9251039860
Hostel (Girls/Boys)	Mr. V. K. Singhal	9982682475
Transport	Mr. Ravi Bhatnagar	9024149459
Office	Office Superintendent	0141-2770232
		0141-2770120

Batch of 2017
Graduates



Popular One The Smart One The Allrounder The Back



23
Years of
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JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

Approved by AICTE & Affiliated to RTU, Kota



via RIICO, Shri Ram ki Nangal, Tonk Rd, Sitapura, Jaipur, Rajasthan 302022