



JECRC Foundation



**JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE**



**Years of
Academic
Eminence
Years of Nurturing Talent**





JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE

Accredited by



Accredited Courses



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22
Years of
**NURTURING
TALENT**

CONSISTENTLY RANKED AMONGST
TOP COLLEGES
BY REPUTED PUBLICATIONS

RANKED
2ND

THEWEEK

RANKED
2ND



RANKED
2ND

INTERNSHALA

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 2022-23.

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 22000 Alumni spread across the globe and 13000+ 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



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.

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!

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 13000 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.



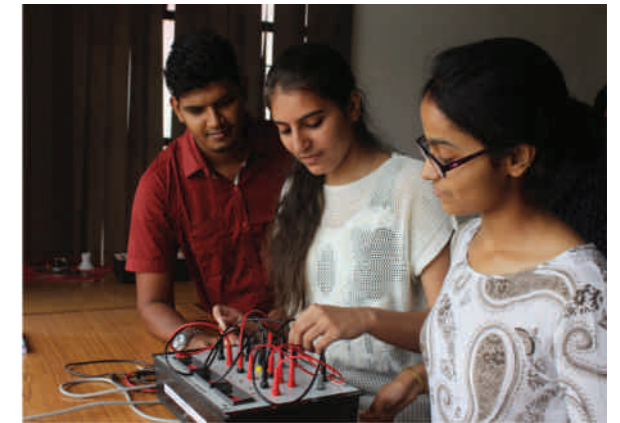
AICTE-UKIERI Workshop, 2022

22 Years
in Academic

13,000
Student Base

22,000+
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 22000 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.



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



Sh. Arpit Agrawal
(Director, JECRC)

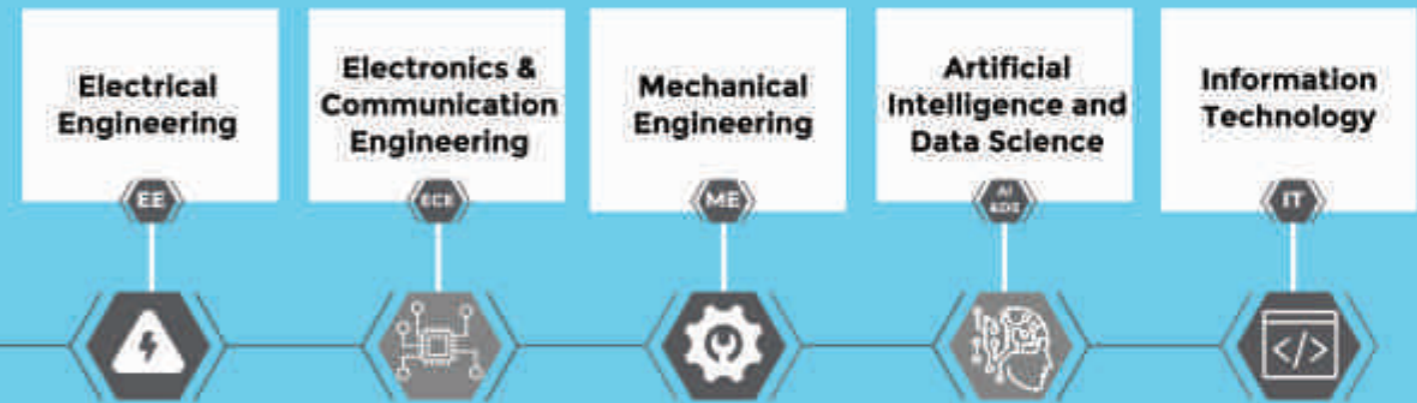
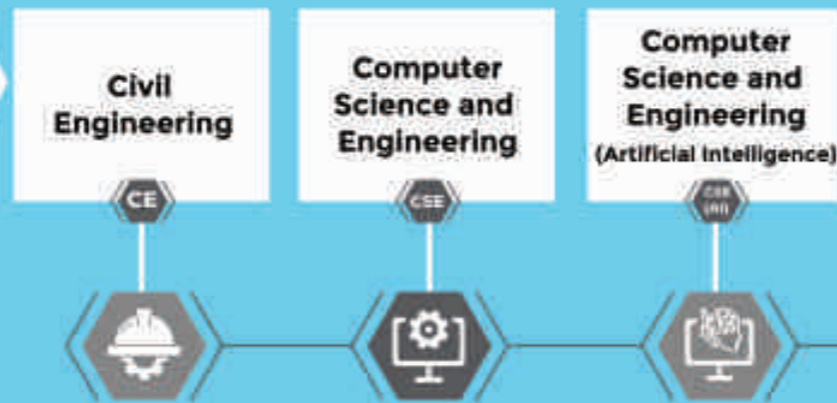


Sh. Amit Agrawal
(Vice-Chancellor, JECRC)



Sh. Dheerant Agrawal
(Head, Digital Strategies, JECRC University)

JECRC offers B.Tech programmes in the following disciplines:



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 6,000 degree candidates, including undergraduate, post graduate, research scholars and professional students. The JECRC Foundation has more than 22,000 alumni around the world. The University is known for a strong research culture and having close industry linkages. The constituent institutes of JECRC Foundation, namely, JECRC & JECRC University have registered themselves in the choicest list of organizations that are accredited by NBA & NAAC, acclaimed bodies of MHRD, Govt of India, respectively. It's noteworthy that JECRC University has achieved this feat in its 10th 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 and Management, Hospitality & Hotel Management, Humanities, Journalism & 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 156 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 75% are Paid (Stipend based) Interns; its noteworthy that 79% of the internships are converted into full time regular jobs, after completion of the degree. 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
- School of Sciences
- School of Humanities and Social Studies
- School of Law
- School of Business Studies
- School of Design
- 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: Toll Free Number: 1800-120-5616



Being

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Training and Placement @ JECRC

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



LAST THREE YEARS PLACEMENT STATS

JECRC has achieved a new height in its excellent track record of placement. We had attracted top IT companies like- **Accenture, Capgemini, Wipro, Infosys, TATA Power, TCS, MTX, Pinnacle, etc.** and more than **160+ companies** have visited and made **1825+ offers** as on **10th March** out of which more than 20 companies have offered a package of more than Rs. 10 Lacs.

The average and highest packages rolled out are **5.4 LPA** and **44 LPA** respectively, across the sectors like Research Software/Technology, IT/TESS, Manufacturing, Power & Energy, Real Estate, Finance, Management, Product Development, Automobile, Edtech, and many more.

SUPER DREAM RECRUITERS



TRAINING Opportunities at College

To ensure placements of students appearing in campus drives we conduct pre-placement Training in a form of **Campus Recruitment Training (CRT)**. CRT is a specially designed 200-hours program that covers all the pre-required training specifications by various companies in their selection process which includes **Aptitude, Technical, Communication skills assessments, psychometric tests, etc.** We conduct offline sessions with the help of experts in the industry, company-specific on/offline Tests, Mock sessions for Technical specializations, HR Interviews, Group Discussions & presentations. We design sessions to develop soft skills & grooming personally and professionally for students across the disciplines.

Industry-Specific Learning:

We provide our students training in **ROBOTIC PROCESS AUTOMATION, MACHINE LEARNING with DATA SCIENCE, SALESFORCE, ETHICAL HACKING, PYTHON WITH MACHINE LEARNING, INTERNET OF THINGS, CYBER SECURITY**, in addition to their regular curriculum to prepare them for the industry. Many of our Pre-final year students have taken training with projects and are getting certified in these areas. We encourage our students to learn problem-solving skills by organizing Hackathon, a problem-solving competition and encouraging them to participate in Smart India Hackathon organized by MHRD every year and Smart Business Hackathon organized by RTU, Kota. Our Institutions have been the center of Smart India Hackathon every year since its inception.

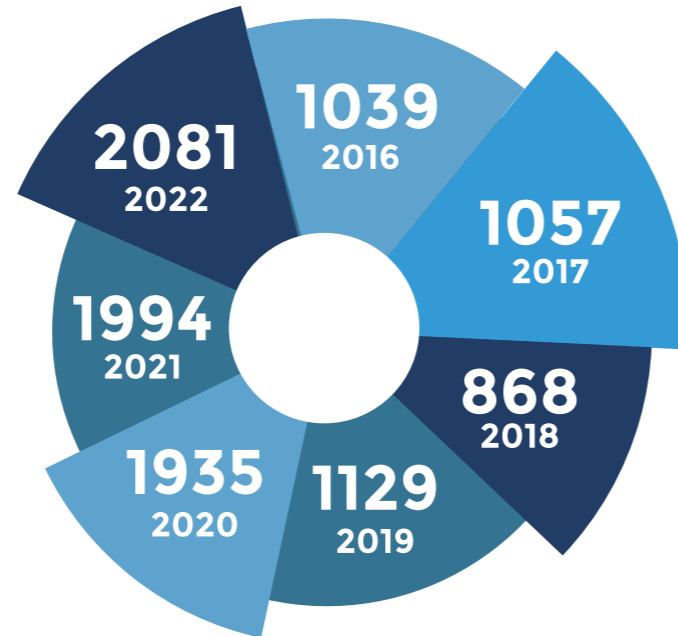
HIGHLIGHTS



Training and Placement @ JECRC

Outset Cell

The institution believes in the holistic development of the students and avails all available resources towards the achievement of 100% placement. JECRC Management has taken a unique initiative of starting an **Outset Placement Cell** for the placement of students with less than 60% marks and backlogs. We believe that they should not be deprived of placement opportunities as maximum students from this category have extraordinary technical and communication skills. We provide training, motivation, and opportunities to students who face difficulties with campus placement and we sharpen their skills, counsel them and facilitate their journey to get placed in the organization, where they can prove that they are not lesser. With the untiring efforts of Outset Placement Cell, about 280+ students of this category have been placed this year in good companies - including some core companies - with a maximum package of 7 LPA.



160+ Companies

2081 Offers as on 20th June

PLACEMENT LEGACY OF JECRC
Consistency at its best

INDISPENSABLE PILLARS OF PLACEMENT



ARPIT AGARWAL
DIRECTOR, JECRC FOUNDATION



MUKT BIHARI
DIRECTOR - HR



UTPAL CHAKRAVARTY
DIRECTOR HR - OUTSET



RAMESH RAWAT
DY. DIRECTOR
PLACEMENT CELL, JECRC



VINAYAK GUPTA
HEAD PLACEMENTS
& OUTREACH, JU



SIDO JOJI
HEAD - OUTREACH
CORPORATE RELATION, JU



MANISH SRIVASTAVA
HEAD - OUTSET
JECRC



SRAWAN NATH
HEAD NEW SCHOOLS
JU



RAHUL SAXENA
SENIOR MANAGER HR,
JECRC



S M SANA
SENIOR HR, JECRC



ASHUTOSH SHARMA
OUTSET, JECRC



NOUSHEEN KHAN
SENIOR HR, JECRC



TANMAY GARG
HR EXECUTIVE, JECRC



SAHIL BHATIA
HR EXECUTIVE, JECRC



PRREYAS BHAL,
HR EXECUTIVE,
TPO OUTSET, JECRC

Top Recruiters



Incubation Centre @ JECRC

JECRC Incubation Center (JIC) is an integral part of JECRC University which supports entrepreneurs at an early stage and help them to create commercially viable and scalable businesses. JIC fosters an entrepreneurial culture around academics, research and innovation. JECRC Incubation Centre has become a one-of-its-kind startup incubation centre for young and ambitious startup founders who are addressing the big challenges and solving real problems through their businesses. We have built a collaborative entrepreneurial ecosystem and proven frameworks for early-stage startup founders to thrive upon and accelerate their startup growth.

In its more than three years of operations, JIC has incubated 37 startups, across various sectors like EdTech, ICT, ECommerce, AgriTech etc. These startups have raised 1.72 Cr. JIC has played an important role in handholding the startups and creating a strong entrepreneurial ecosystem, not only in the state of Rajasthan but in fact the whole North India

- 37+ Incubated Startups
- JIC has received 6.5 Cr. Grant from Government of India till today.
- Recognised by Ministry of Electronics & IT and Department for Promotion of Industry and Internal Trade) under Ministry of Commerce and Industry, GoI.
- Funding Disbursed - 1.80 Cr. to 37 Startups Pan India
- ₹1.72 Cr Funding Disbursed
- JIC Featured in India Today as " 5 Incubation Centres to give your Startups a Kickstart"
- Dedicated Startup Policy
- Supported by 11,000 Sq. Ft. Area dedicated space for JIC Co-Working Space
- 100+ Industry Leaders
- 20,000+ Student Lives Impacted
- 2 Startups Received National Startup Awards- Aloe E Cell & Cargo Exchange India Pvt. Ltd.
- Startups have received Scale Up Grant of 1 Cr under TIDE 2.0 by MeitY Startup Hub, GoI
- JIC is sector agnostic and has supported startups in all the sectors like EdTech, HealthTech, ICT, E-commerce, AgriTech, Sustainability (Upcycling), Women Based Products, Tour & Travel, Energy
- 9+ Sector Supported Startups
- 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 startups to build their Business Model.
- Product Development with the help of Experienced Domain Experts.
- Supporting startups in Pilots and Customer Validations
- Access to JIC Networks
- Access to Hardware and Software Labs, Co-working Space and other facilities.
- Conduct Promotional activities to showcase their products/achievements
- Provides Funding Support
- Structured Mentoring support
- 10 Week dedicated Incubation and Acceleration Program for the Ideation and Early Stage Startups.
- Marketing, HR, PR & Legal Support for the Startups.

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 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 startup ecosystem development organizations. We have been chasing the vision 'changing the world with entrepreneurship' ever since.

TCS DISQ: Digital Impact Square (DISQ), A Tata Consultancy Services (TCS) Foundation Initiative, is an open social innovation center - in the city of Nashik, Maharashtra. DISQ encourages innovation using digital technologies to address social challenges prevalent in various sectors.



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 connects 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 has helped many students to excel in the art of programming, helping them to grab their dream packages. Codechef chapter JECRC not only prepares students for On campus placement, but also aware them about how they can crack Off campus placements as well.



Prakash Javadekar
(HRD Minister, Chief Guest, SIH)

Smart India Hackathon 2022

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 2020

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)- 2017, 2018, and 2019. This year, as a prelim to SIH, JECRC Hackquest a coding contest was organized. Hackquest 2020 was conducted on 20th & 21st January and 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

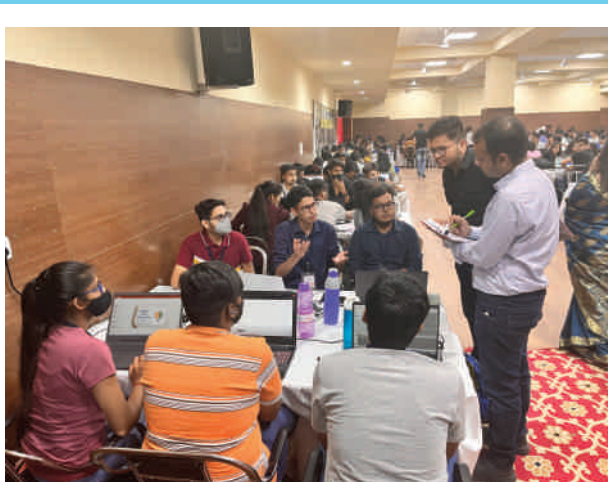
Looking at the current scenario, JECRC took no time to realize that the students who envisage stepping ahead from methodical doing or walking in the direction of becoming an entrepreneur need mind storming real challenges with experts/mentors to supervise. To challenge the mindsets of these brilliant 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.

Smart India Hackathon 2019

In order to make development a comprehensive mass movement and innovate on all fronts, MHRD, AICTE, i4c and Persistent Systems came together to organise Smart India Hackathon 2019. It's a non-stop product development competition, where problem statements are posed to technology students for innovative solutions. Smart India Hackathon 2019 is a non-stop digital product development competition, where 350+ problems are posed to technology students for innovative solutions. JECRC was one of the only 48 Nodal Centres including IITs and NITs from all over the country to have been shortlisted as the nodal centre for conducting the Grand Finale of Smart India Hackathon 2019. JECRC has been given the problem statements of Ministry of Culture, Ministry of Power, Hero Electric vehicles and Tata Motors. Over 300 participants of 32 teams and 30 subject experts, judges and technical officers from all over the country came to JECRC campus. Former Minister HRD, Shri Prakash Javadekar visited the nodal centre JECRC University, Jaipur. He congratulated all the participant teams as well as Nodal Centre for successful organization of SIH 2019. There were total 8 problem statements of Ministry of Culture, Ministry of Power, Hero Electric vehicles and Tata Motors for which 32 teams from all over India participated to provide their real solutions. The teams were accompanied by their mentors from industry. These teams were evaluated by a total of 30 judges from the Ministry as well as renowned software companies. Hon'able Prime Minister Sh. Narendra Modi spoke to the participating students and organizers at all 28 nodal centres expressing his faith in the long terms benefits of this nationwide technological revolution. The two-day schedule included a lot of recreational activities for the participants as well like Yoga Sessions, Zumba Dance Sessions & Red Bull Hour. These participants were provided lodging facilities within campus the in hostels of JECRC. More than 80 students of JECRC and around 50 faculty members were part of the organizing team that made this event possible. This event witnessed a footfall of many senior government officials and AICTE officials. The valedictory session was graced by the presence of Mr. Rohit Jhamb, Vice President-HR, Accenture. He congratulated all the participant teams as well as Nodal Centre for successful organization of SIH 2019.



Learning beyond Classroom @ JECRC



Embedded & Robotics Design Training

Embedded & Robotics Design Training was conducted at JECRC in collaboration with Sakrobotix Research & Startup Centre from 19th January to 22nd January 2018. A large number of 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.).

Forsk Technologies

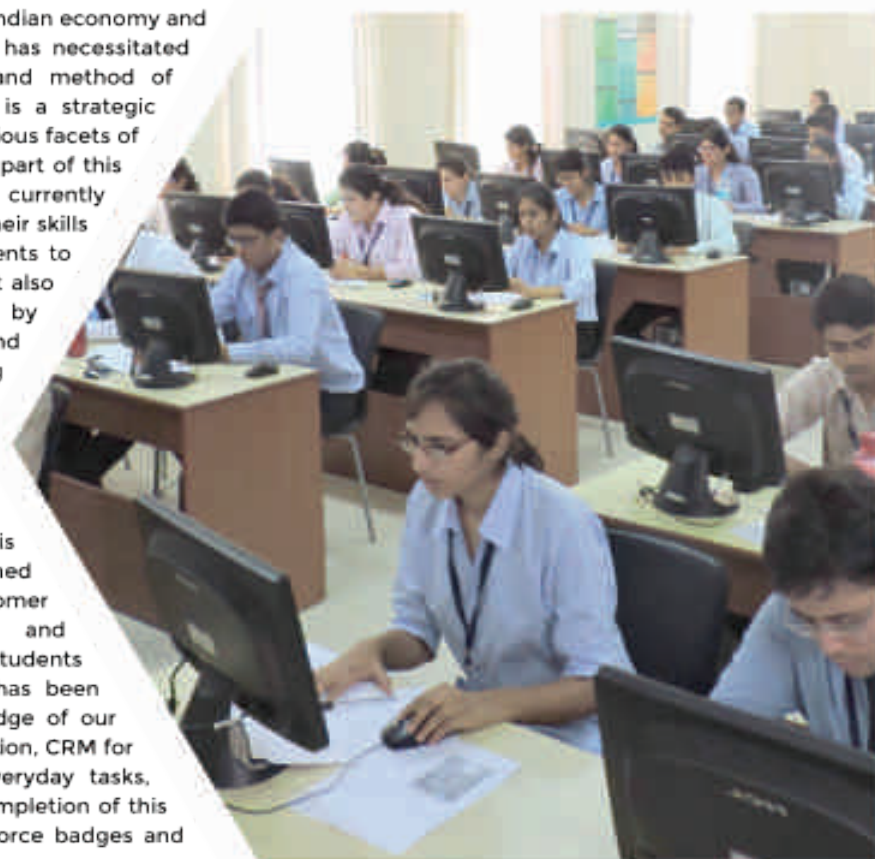
JECRC has signed MoU with FORSK Technology. The objective of this MoU is to bring industry approach of solution development and product engineering to engineering candidates through project based learning through project based learning backed by data and technology. Project-based learning is a dynamic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



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

Salesforce Training Module

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



Linux by Red Hat

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

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

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.

TechieNest

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

CADD Software

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



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 set 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 in technical degrees (primarily Science, Engineering and the Applied Arts with paid, course-related, training abroad and employers with highly-skilled, highly motivated trainees, for long or 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.

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.



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. We have always abided by our motto of conducting outstanding conferences consistently, and the exponential growth in our legacy of 10 years depicts us as a zenith of debate and diplomacy. The conference ensures a platform for interacting with different people, resorting to reveling in an engagement of diversity and culture amidst the heating debate, and is set to be two glorious days for any participant. 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 twocountries, 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 @ JECRC

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:



Cultural Fest - Renaissance

The national level techno cultural fest of JECRC, Renaissance has made a niche for itself among all colleges in the region. It's the second largest college fest of Rajasthan organized every year in March and witnesses a footfall of more than 6000 students from top colleges from across the country. Renaissance provides a versatile platform for all students to learn and explore the various dimensions of their personality and showcase their talent. 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, are a few of such esteemed names.



Millind Gaba

Jassi Gill



Our 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.



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.



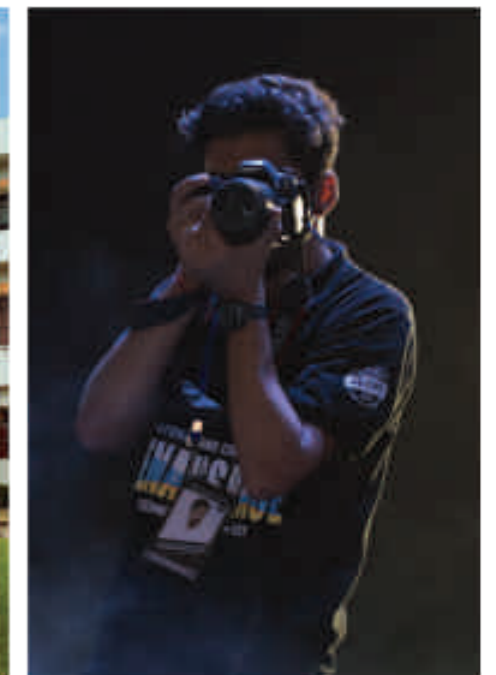
F'n'F - Face 'n' Footlights- The Dramatics Club of JECRC

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.



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.



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

The most anticipated Pre-renaissance event Zarurat's annual social fest -"Celebrating Innocence" once again filled JECRC with joy on 16th May 2022. The event was honoured by two prominent guests Shri Babar Ali Ji (the world's youngest headmaster) and Rashi Anand ma'am (founder of lakshyam NGO). All the kids who regularly come to college for gaining education and for overall development were part of the event. Some of the highlights of the day are:-

1. A wall demonstrating the motive of Zarurat was delineated for the manifestation of the audience.
2. A spectacular street Circus was organised where kids were amazed and enjoy.
3. The aura was magical with the Magic show which amazed the little ones over the full show.
4. Bal bhojan for every person present at the event.

The goodies bag distribution marks the end of the full day event and created smiles on the faces of the little chumps.



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 takeaways 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 a 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

Abhyudaya

Social Arms 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 imbued 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 10 years. Around 300 children are a part of this gala event which gives them a day that is full of joy and happiness.



Live Blood Donation initiative- Aashayein

Youth are the rising sun of our country, awakening them and their participation in the making of a better society is of utmost value. A Blood Donation Camp was organized for students which was inaugurated by Colonel Nalin Chauhan in presence of Shri. Amit Agrawal, Vice Chairman, JECRC University, JECRC University. Seeing such enthusiastic participation of the youth, has proved to be a motivation for citizens of the country. This year JECRC Foundation has collected total of 16886 blood units and 1700 + SDP till date Units.

Soch

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



Aashayein Felicitation Day, 2022

Suhasini

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



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 Microsoft: JECRC University 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 Google Cloud: JECRC University 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 University 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.

aws educate 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 University 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 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 Adobe: JECRC University 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 Campus 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.

Tech Mahindra Tech Mahindra - JECRC University 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 a 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 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.

IBM 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 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.

salesforce 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.

AUTOMATION ANYWHERE 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 UiPath - As a technology partner, UiPath's experts has trained 10 teachers of JECRC University in an educator workshop. JECRC University 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.

Alibaba Cloud Alibaba- In March' 2021, JECRC University decided to participate in one the most Prestigious Contest by Alibaba - "Alibaba Cloud Developer Circle". Student Mr. Mehul Kulshreshtha won the First Prize in the Alibaba Cloud competition among participants from 80 countries, for his web application entitled www.intoinfinity.cyou. He was rewarded with USD 2000 Cash Prize, Cloud Credits, Winner Certificate and Reference Letter from Alibaba.





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.



Sunstone Education Technology Pvt. Ltd.: JECRC University offers India's only 'Pay After Placement' MBA program in association with Sunstone. Under this MoU signed in December 2019, Sunstone not only provides lectures by prominent industry experts and 9 months industrial internship but also a proven assurance of 100% placements to the enrolled students.



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.



ASSOCHAM: JECRC University has entered into a MoU with ASSOCHAM to strengthen the Intellectual Property (IP) ecosystem at the institute. Designated speakers from ASSOCHAM enhanced the knowhow of IP Rights through their expert seminars at the University. Also, JECRC University is an institutional member of ASSOCHAM and Dr. Victor Gambhir, Hon'ble President, JECRC University is the Vice Chair (Academic) for the ASSOCHAM National Education Council (Western Chapter).



Manipal Hospital - Faculty of Allied Health Sciences, JECRC University has entered into a distinguished enrichment collaboration with Manipal Hospitals, Jaipur, one of India's leading healthcare groups with over 7000 beds across 15 hospitals. The purpose of this association is to provide internship and clinical training to the students of the four degree programs, which are being offered by the School of Allied Health Sciences at the University.



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



JECRC Alumni Association

"Established in 2007, The JECRC Alumni Association (JAA) maintains and enhances a highly engaged, vibrant community of over 22,000+ 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 unrivalled.
- 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.

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:** JECRC is proud of the fact that our alumni are located across the globe & earning laurels in their career.
- **22,000+ Alumni:** JECRC holds a strength of 22,000+ 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.
- **Placement Assistance -** 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.
- **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
- **CORDS -** It's an initiative designed with the intention to help the upcoming generations of JECRC. In the program students from 3rd year learned from the ones who once have been in the same boat and now have positioned themselves in the top-line leadership at various organizations.



Wherever you are,
JECRC
stays with you.



Achievement :

- Faculty's

1. Dr. Smita Agrawal (Professor) and Mr. Rizwan Khan (Assistant Professor), Department of Information Technology has published a patent on "Turban with Solar Charger" with application no. 360847-001

2. Ms. Preeti Sharma (Assistant Professor), Ms. Deepika Bansal (Assistant Professor), Ms. Shikha Srivastava (Assistant Professor) and Mr. Brijesh Kumar Singh (Assistant Professor) are the mentors of (Google Cloud Computing Foundation-GCCF) course.

3. Dr. Sandeep Vyas Professor and Head, Department of Electronics and Communication Engineering, invited as Subject Expert in Faculty Development Program (FDP) on "Future Wireless Technologies" at Ajay Kumar Garg Engineering College, Ghaziabad.

4. Dr. Sandeep Vyas, Professor and Head, Department of Electronics and Communication Engineering has been elected as Secretary of IEEE- Rajasthan Subsection EXECOM 2022.

5. Dr. Jaiverdhan, Associate Professor, ECE Department has been elected as Joint Secretary of IEEE- Rajasthan Subsection EXECOM 2022.

6. Dr. Ajay Yadav, Associate Professor, ECE Department has been elevated to IEEE Senior Member in Feb, 2022.

7. Patent has been granted by the Australian Patent Office-Government of Australia to Dr. Sandeep Vyas, Professor and Head, Department of Electronics and Communication Engineering. The patent title is "An Artificial Intelligence Based IoT Enabled Drowsiness Detection System" with Application no.: 2021104783

8. Patent has been published by the patent Office-Government of India to Dr. Sandeep Vyas, Professor and Head, Department of Electronics and Communication Engineering. The Title of the invention: Design of Machine Learning Classification Algorithms Using Image Processing for Detection of Vegetable Crops Disease with Application no.: 202241012480.

9. Dr. Jaiverdhan and Dr. Girraj Sharma, Department of ECE has published a patent on "Real-Time visual object detection for intelligent video surveillance-using IOT" with application no. 202141037721

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



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

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

13. 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 as resource person for Refresher Course, Workshop and Short term training program.

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

15. Tripti Dua, Assistant Professor, Department of Computer Science, Anju Rajput, Assistant Professor, Department of Computer Science and Dr. Sanjay Gaur, HOD, Department of Computer Science have published a chapter titled "Novel 8:1 Multiplexer for Low Power and Area Efficient Design in Industry 4.0" in book Industry 4.0, AI and Data Science, CRC Press, 2021

16. Anju Rajput, 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 Electronic Systems (ISES), December 2021.



- Student's

1. Gouri Mansinghka, Arya Raj, Ayushi Agarwal, Archita Khandelwal, and Vaishnavi Chauhan students of B. Tech 2nd Year, ECE department have won first prize in SIH-2022, held at JECRC Jaipur.

2. Pratyush Amrit and Priyanshi Agarwal, students of the ECE Department have won 3rd prize in the "Technical Poster Making Competition" held at MNIT Jaipur on the Topic "Future Technology for Optical Computer".

3. Vaishnavi Chauhan, Archita Khandelwal, Ayushi Agarwal, Arya Raj, Anjali, Gouri Mansinghka students of B. Tech 2nd Year, ECE department has secured first position in the girl's category at "Global Hackathon - Innovation & Startup Competition" organized by RTU, Kota.

4. Pratyush Amrit and Dolly Mehta, student of B. Tech 3rd year of ECE Department has participated in the 8th National Project exhibition by R & D club of the Vivekananda Global University & Vivekananda Institute of Technology Campus. Won the consolation prize for the project entitled "RFID based security system".

5. Ayushi Agarwal, Vaishnavi Chauhan, and Yogesh Kumar Dadhich students of B. Tech 2nd year of ECE Department have participated in "Poster Designing Competition" organized by Swami Keshwanand Institute of Technology Jaipur and won the 1st Prize for the poster on the topic "Nanostructures, Quantum Dot LEDs and LASERS".

6. Aditya Raj, Vaishnavi Chauhan, and Raghav Tiwari students of B.Tech 2nd year of ECE Department have participated in the workshop on "Smart Instrumentation: Advancing Skill Development to the Next Level" at IETE Rajasthan Center and won the 1st Prize.

7. Ms. Arusha Jain secured 2nd position in final B.Tech RTU Examination-2020.

8. Ms. Simranjeet Kaur 4th position in final B.Tech RTU Examination-2020.

9. Ms. Yashika Gupta 9th position in final B.Tech RTU Examination-2020.

10. Mr. Laveesh Gupta 10th position in final B.Tech RTU Examination-2020.

11. Subrat Shukla, Rohit Sankhla, Sanchay Jain, Nandini Trivedi, Kushagra Kashyap, and Kshitiz Shrivastava students of B. Tech 2nd Year, IT department have secured 7th position in SIH-2022, held at JECRC University Jaipur.



12. Prajwal Gidwani from batch 2022 got placement in Amazon on package Rs. 44Lacs

13. Vaishali Goyal from batch 2022 got placement in Amazon on package Rs. 33Lacs

14. Ms. Akansha Choudhary from batch 2014 has secured 44th rank in RAS 2018.

15. Mr. Ujjwal Mittal, student of III Year IT got selected for the TIDE EIR startup fund program by the Ministry of electronics. Over 500+ startups applied for this and his team found place in the TOP 30 from all over India.

16. Ms. Ananya Jain, student of III year IT is selected as GCCF student mentor.

17. Mr. Ujjwal Mittal, student of III Year IT, his startup LocalEyes has been admitted to the 100X Entrepreneurship Gurukul Cohort 4.

18. Mr. Raghav Sharma, Ms. Anirudhi Thanvi students of final year IT published research paper on Blockchain for Vehicular Ad Hoc Network and Intelligent Transportation System: A Comprehensive Study (07/2021) Publisher Wiley © 2021 Scriver Publishing LLC., DOI - <https://doi.org/10.1002/9781119761884.ch7>

19. Mr. Raghav Sharma, Ms. Anirudhi Thanvi students of final year IT published research paper on Tomato Plant Leaf Malady Detection using Machine Intelligence (05/2022) Published in Scopus indexed IOP SCIENCE Journal: ECS Transactions, Volume 107, DOI- <https://doi.org/10.1149/10701.8301ecst>

20. Ms Vilsa Jain (4th Year CSE) is selected as Lead of Jaipur by Microsoft Azure Developer Community and she also selected as Microsoft learning student Ambassador.

21. Ms. Khushi Soni (2nd Year CSE) has been selected as GCCF Student Mentor under the Google Cloud Computing Foundations Program. She is one of those selected few across the India who will help mentor students in the institution to build a strong foundation in Google Cloud & explore a career in cloud-first world.



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."

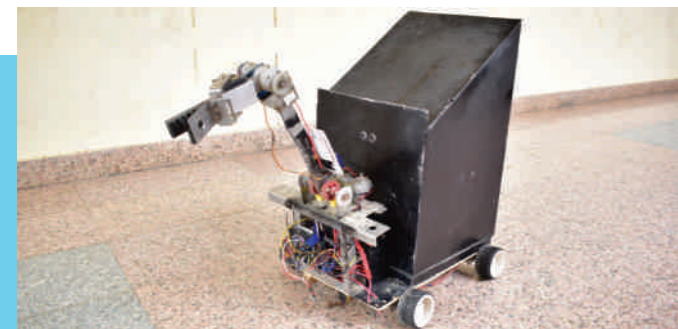


Women Cell

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.



Conferences @ JECRC

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.

1. 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. The first edition of the conference ICAMCM 2021 was organized in Feb 2021.



Department of Information Technology has organized the 4th National Conference on Information Technology and Security Applications on 14-15 May, 2022 in the association with Journal of Analysis and Computation (ISSN : 0973-2861). Experts from eminent institutes around the country shared their knowledge with the attendees. This conference is organized with the perception to address the various issues in society in the fields of Information Security, Big Data, Cloud Computing, Soft Computing, Virtual communities and Social networking, Artificial Intelligence, Computer Application Machine learning, Modeling and Simulation.

National Conference

Department of Computer Science & Engineering have organized 02 days 4th National conference of Contemporary Issues in Computer Technology (NCICT-22) on 28-29th May 2022. The Chief Guest and Key note speaker of the Conference was Shri Sanjay Sharma, Technical Director (Scientist-E), NIC Rajasthan High Court, he delivered his keynote on Software and Cyber awareness. The convener of the conference Dr. Sanjay Gour has been delivered his speech on Business Intelligence for 2022. Prof. R. K. Mangal also delivered his speech on the importance of Research Papers. Overall 120 paper received in the conference and presented in the parallel sessions. The conference address various aspect of contemporary issues in the domain of computer science.



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 (Arduino, 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.



Prof. Anil D. Sahasrabudhe
(AICTE Chairman)

Fee Structure

For the Session 2022-23

Class/Year for which the fees is to be deposited		Tuition Fee including Development Fee	
		Odd Semester	Even Semester
B.Tech. IV Year	Students who were admitted Session 2019-20	38500/-	38500/-
	Students who were admitted under Tuition Fee Waiver Scheme (TFWS) in Session 2019-20	11500/-	11500/-
	Students who were admitted (Through Lateral Entry) in Session 2019-20	38500/-	38500/-
B.Tech. III Year	Students who were admitted Session 2020-21	38500/-	38500/-
	Students who were admitted under Tuition Fee Waiver Scheme (TFWS) in Session 2020-21	11500/-	11500/-
	Students who were admitted (through Lateral Entry) in Session 2021-22 NBA Accreditation Fees (for ECE and ME only)	38500/- 3000/-	38500/-
B. Tech. II Year	Students who were admitted Session 2021-22 NBA Accreditation Fees (for ECE and ME only)	42508/- 3000/-	42507/-
	Students who were admitted under Tuition Fee Waiver Scheme (TFWS) in Session 2021-22	11089/-	NIL
	NBA Accreditation Fees (for ECE and ME only)	3000/-	
B. Tech. I Year & LEEP-II Year	Students who were admitted Session 2022-23	55500/-	48104/-
	Students who were admitted under Tuition Fee Waiver Scheme (TFWS) in Session 2022-23	18500/-	NIL
	NBA Accreditation Fees (for ECE and ME only)	3000/-	
	Students who were admitted (through Lateral Entry) in Session 2022-23	55500/-	48104/-

*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 2022-23.
- Second installment of fee (for even semester) is payable in November 2022.
- 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 2022-23.

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 2022.

**The first installment includes a onetime caution fee 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

Account Number: 00540330002223

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

IFSC: HDFC0000054

Account details for depositing Hostel Fee is:

Account Name: HOSTEL JECRC

Account Number: 00540330002223

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

IFSC: HDFC0000054

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

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

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



Seat Matrix

The number of seats available for admissions during the session 2021-22 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	120
2	Civil Engineering	90
3	Computer Science & Engineering	240
4	Computer Science & Engineering (Artificial Intelligence)	60
5	Electronics & Communication Engineering	180
6	Information Technology	180
7	Mechanical Engineering	60
8	Electrical Engineering	60

Total 990

In addition to the given seats, admissions are also made in TFWS and KM categories

Second Year B. Tech Admissions Under LEEP

S. No	Branch	Number of Seats
1	Artificial Intelligence & Data Science	06
2	Civil Engineering	12
3	Computer Science & Engineering	24
4	Electronics & Communication Engineering	18
5	Information Technology	15
6	Mechanical Engineering	12
7	Electrical Engineering	12

Total 99

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



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](#)
[f JECRCfoundation](#)

Department	Name	Contact No.
Admission Helpline	Mr. Manish Jain	9214699647
	Mr. Gajendra Sharma	9782401890
	Mr. Sunil Bharadwaj	9982682473
Lateral Entry Admission	Mr. Vishwas Verma	9982682331
Registrar	Prof. (Dr.) R. K. Mangal	9251039860
Hostel (Girls/Boys)	Mr. Ashok Kumar	9982682475
Transport	Mr. Ravi Bhatnagar	9024149459
Office	Office Superintendent	0141-2770232
		0141-2770120





22
Years of
NURTURING
TALENT

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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