

#beaJECRCian



Plot No. IS-2036 to 2039, Ramchandrapura Industrial Area, Vidhani, Jaipur, Rajasthan-303905

admission@jecrcu.edu.in | jecrcuniversity.edu.in

Toll Free No. 1800 120 5616 | Follow us on

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BE A



PROSPECTUS 2021

JECRCian

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सा विद्या  
या विमुक्तये



## CHAIRPERSON SPEAKS

Dear Students

Swami Vivekananda, the great reformer and thinker of India used to say that '**A Nation is advanced in proportion to education and intelligence spread among the masses.**' He held the opinion that a sculptor has a clear idea about what he wants to shape out of the marble block; a painter knows what he is going to paint and similarly if a teacher molds the students then he is actually molding the future of a nation. Swamiji attempted to establish, through his words and deeds, that the end of all education is man making. Similar are my views that our nation will grow leaps and bounds if the education provided to its youth is contributing to the success of society, nation and humanity.

JECRC University with its decade long background has tried to provide the best education, research innovation, job opportunities and overall development to its students. It has created a platform that provides the world-class education and ethical values which help growing India along with making its mark in the Globe.

I invite you to explore the corridors of JU which will give you the glimpse of a perfect future. Come, join and give voice to your unsaid dreams.

Best Wishes!!

**O.P. Agrawal**  
Chairperson

## PRESIDENT SPEAKS



which has been made very smoothly across educational institutions.

JECRC University has become a brand to reckon with because of multiple reasons including committed and qualified teachers, innovation led research culture, state-of-the-art infrastructure including labs, innovation led research environment, incubation and start-ups ecosystem, exemplary placement records on year to year basis, and overall highly committed and energetic students, who remain on the front and accept each and every challenge of quality learning.

We, at JECRC University strongly believe that when a student graduates from a university, there must be an affirmative change in her / his knowledge, skills, behaviour and attitude in such a manner that she / he is prepared to take the work responsibility at the employer's end. The entire teaching learning eco-system in JECRC University has been designed keeping in mind, the above conviction and it strongly reflects in the curriculum, and outside the class activities. There is a complete focus on Outcome Based Education and Project Based Learning.

Once you take admission in JECRC University please be assured that you will be on the right track of your career—building, provided you are committed and career-oriented. Without repeating the strengths of JECRC University which are reflected in this Admission Brochure, I can assure you that you will enjoy your journey with us and achieve whatever goals you set for yourself.

Keep in mind the lines of Swami Tulsidas in Ramcharit Manas:-

**सकल पदार्थ हैं जग माहीं,  
कर्महीन नर पावत माहीं।**

Shri Krishna in Bhagwad Geeta tells Arjun that "You are kept from your goals not by obstacles but by a clear path to a lesser goal."

Once you have chosen to repose your faith in JECRC University, remain assured that the only person who may stop, you from succeeding will be YOU only.

Welcome at JECRC University. Come and Build Your World.

**Prof. Victor Gambhir**

All of us are passing through a testing time due to pandemic and a lot of disruption has happened in the last 15 months in the education canvass of India. Had there been no pandemic, this would have been fantastic period for education sector because of the announcement of New Education Policy 2020 and the initiatives taken by the Government of India in digitalisation of learning process, focus on research outcomes, participation of higher education institutions in national and international rankings etc. The blessing in disguise in pandemic times was continuation of theory classes through online mode, the transition

## REGISTRAR SPEAKS



To encourage the youth to achieve brilliance in their chosen fields of study, JECRC University has carved a niche for itself in the academia countrywide. A concrete demonstration of the extraordinary passion and commitment, recognition for its proactive management, state-of-the-art infrastructure and facilities, well-equipped laboratories with modern equipment, qualified & experienced faculty members and best practices in teaching and learning processes make this institution the most sought after University. In order to be at par with international standards and to provide global attributes to our students, Outcome Based Education System

(OBE) with project based learning techniques have been employed in the design of our contemporary curriculum. Choice-based Credit Systems (CBCS) with continuous assessment on grade point averages have made our offerings truly international. In our efforts to deliver quality and career led education, we put more emphasis on determining one to one contact, being concerned.

Being a University which caters to the needs of students from across the 22 states of the country, a homely environment is created for our learners who choose to live in campus. The separate hostels for girls and boys are truly 'home away from home'. Meticulous care and methodical planning at various levels are incalculable to provide our students with hygienic food and other on-campus services. Being strong believers of overall development of the youth, JECRC University provides ample opportunities to the students to showcase their talents in various fields like sports, cultural activities, and many more.

I invite you to experience the outstanding facilities at JECRC University and be a torch bearer of the new generation and a brilliant future. I wish you all the best for a successful career.

**S. L. Agrawal**





# BUILD YOUR WORLD



## JECRC FOUNDATION

JECRC Foundation through National Society for Engineering and Research Development is contributing significantly, since decades at the national stage with 12000 students and 2500 residential inmates. In addition to graduate and post graduate programmes the units of the foundation are transformed into research stations with a very strong research based programmes contributing research articles in international journals and filing patents.

It has 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 centre of excellences and research centres 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 big 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.

**21**  
YEARS JOURNEY

**16,000+**  
Alumni

**12,000**  
Students

**2 Large Campuses**  
**built across**  
**2 Million Sqr. ft. area**

## JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE, JAIPUR (JECRC)

A journey of Two decades for JECRC, having more than 4000 students on campus under 6 UG programs, has earned laurels to their students, faculty members and for the institute in many ways. More than 10000 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 centre 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, 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.



CHOOSE FROM  
**100+**  
SPECIALIZATIONS

MORE THAN  
**150**  
START UPS  
PRODUCED

6 MONTHS'  
INTERNSHIP  
**100%**  
STUDENTS ENGAGED AT  
BEST-IN-CLASS  
INTERNSHIP

**5000+**  
PLACEMENTS  
IN LAST 3 YEARS

## The Spirit of JU

The JU logo embodies the Philosophy of JECRC University that inspires you to "Build your World". Each of the fourteen elements in the logo graphically communicates a very specific and vital aspect of building a meaningful life.

Build for yourself a life...



On the Power of Knowledge



And the Strength of Traditional Wisdom



Be a Leader



Pushing the frontiers of Science



With new Ideas & Innovation



Embark on an enduring Development Journey



With an Irrepressible will to win



Unleashing the countless Possibilities



A Global Outlook



Always Keeping Pace with Time



Soar against the Winds



Harness the Energy that lies within



Spread Joy & Brotherhood



With Belief in Yourself

Build your World...

## JECRC University

### ESTABLISHMENT

JECRC University has been established vide The JECRC University, Jaipur Act, 2012 (Act No. 15 of 2012) published in the Gazette of Rajasthan dated May 2, 2012. The University is approved by UGC, New Delhi. JECRC University has been accredited by NAAC (An Autonomous institution of UGC).

### VISION

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

### MISSION

- To focus on the research and spirit of innovation that will drive academic orientation and pursuit at JECRC University.
- To identify needs based on informed perception of Indian, regional and global areas of focus and specialisation on which the University can concentrate.
- To undertake collaborative projects that offer opportunities for long term interaction between academia and industry.
- To develop human potential to its fullest extent so that intellectually capable and leaders gifted with imagination can emerge in a range of professions.

### CORE VALUE

JECRC University is driven by the spirit of innovation-led research. This is spelt out in infrastructure as well as practices. The multifaceted research institute encompasses subject-specific exploration as well as contexts of the business environment in which our students will operate and perform. JECRC is known for its strong research culture, close industry linkages and corporate connects. JU aims at creating valuable resources for the industry and society through its interventions in creation of research and innovative, academic and professional enhancement and overall cultural enrichment.

### EDGE

- Academic integrity and accountability
- Respect and tolerance for the views of every individual
- Attention to issues of national relevance as well as of global concern
- Understanding, including knowledge of the human sciences
- An unfettered spirit of exploration, rationality and enterprise
- Strong research orientation and culture based foundation
- Sustainable development and responsible education



## Board of Management



**Shri O.P. Agrawal**  
Chairperson



**Shri Amit Agrawal**  
Member



**Shri Arpit Agrawal**  
Member



**Dr. Victor Gambhir**  
President, JECRC University  
Member



**Shri O.P. Agrawal**  
Member



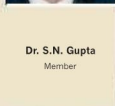
**Shri M.L. Sharma**  
Member



**Prof. (Dr.) Rajeev Jain**  
VC, University of Rajasthan  
Member



**Shri O.P. Agrawal**  
Member



**Dr. S.N. Gupta**  
Member



**Dr. Vivek Anand**  
Member



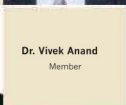
**Prof. (Dr.) Rajeev Jain**  
VC, University of Rajasthan  
Member



**Dr. Naveen Hemrajani**  
Member



**Mr. S. L. Agrawal**  
(Registrar, JECRC University)  
Member Secretary



Commissioner - College  
Education, Govt. of Rajasthan  
or his nominee  
Member



**Dr. Naveen Hemrajani**  
Member

## Board of Advisory



**Mr. Kailash Satyarthi**  
Nobel Laureate,  
Human Rights Activist,  
Chairman,  
Rachapur Basant Ashram



**Padmasree**  
**Dr. A. S. Kiran Kumar**  
Former Chairman, ISRO



**Padmasree**  
**Dr. P. S. Goyal**  
Ex. Secretary,  
Ministry of Earth Sciences,  
Government of India



**Dr. Krishna Vedula**  
Dean Emeritus University of  
Massachusetts Lowell, Co-  
founder & Ex. Director,  
Indo-US Collaboration in  
Engineering Education (IUCEE)



**Dr. Rakesh Sharma**  
Vice Chancellor  
Graphic ERA University



**Mr. Amit Chaturjee**  
MD, RACM & Member of the  
Advisory Board, Foundation for  
Peace and Comprehensive Leadership



**Dr. Sunil Pandey**  
Professor,  
Jawahar Lal Nehru  
University, New Delhi



**Prof. B M Naik**  
Former Principal,  
Guru Govind Singh  
Engineering College,  
Ranikhet



**Dr. I. K. Shakti**  
VC, Marwari Raksha University



**Dr. P. S. V. Nataraj**  
Professor of Systems &  
Control Engg., IIT,  
Mumbai



**Dr. R. P. Singh**  
Secretary General,  
Quality Council of India



**Mr. V. Ramaswami**  
Global Head -  
Credit & Markets,  
Tata Consultancy Services

## FOURTH CONVOCATION CEREMONY

The Fourth Convocation Ceremony was held on January 2, 2021 at JECRC University. Due to COVID-19 pandemic the ceremony was virtually organized this time. The event was graced by the benign presence of Padma Bhushan Justice Dalveer Bhandari, International Court of Justice and Former Judge of Supreme Court of India as the Chief Guest. The University conferred the Honorary D.Sc. (Honoris Causa) to Justice Dalveer Bhandari on this occasion. Justice Dalveer Bhandari distributed the degrees to 1394 graduates. In the ceremony 30 gold, 28 silver and 27 bronze medals were being awarded to the top rankers of the University. Fifteen Ph.D. Degrees were also distributed on this occasion.



## CORPORATE CONNECT

- Training & Placement
- Internship
- Programming & Coding @ JU
- JECRC Incubation Centre (JIC)
- Global Industry Collaboration
- Alumni Association



## TRAINING & PLACEMENT

Corporate connect plays a crucial role in training & placement cell of any institution, providing multiple & versatile career opportunities for Graduates and Post Graduates passing out by keeping in touch with reputed firms and industrial establishments. The Corporate Connect program is a strategic initiative under taken by the JECRC Foundation to integrate various facets of real-life corporate experiences into the curriculum. As a part of the Corporate Connect program multiple hierarchy level executives, entrepreneurs and eminent industry experts from various fields and industry sectors are invited to share their practical experiences in the context of theoretical discourses the students have undergone. This not only helps students to take their learning out from the class room to apply it in real life but also increases their employability quotient by mentoring them to have an application and performance-driven mindset.

In a motto to ensure placements of students appearing in campus drives we conduct pre-placement training in a form of Campus Recruitment Training (CRT) Programs for all the schools (Engineering, Computer Application, Commerce & Management, Sciences, Design, Hotel & Hospitality, Journalism & Mass Communication, Law and Agriculture). CRT is specially designed for 200 hrs program which covers all the pre required training specifications by various companies in their selection process which covers Aptitude, Technical, Communication skills assessments. We conduct offline sessions by experts of industry, topic and company specific on/off line Tests, Mock sessions for Technical & HR Interviews, Group Discussions & Presentations. In addition to engineering and management, we design extraordinary sessions to develop hone skills & grooming personality and professionally to place students of new schools which cover Design, Hotel & Hospitality, Mass Communication and Law school.

The number of students placed through campus recruitment is continuously rising. On invitation, many reputed industries visit the institute to conduct the placement process. **We have been successful in maintaining our high placement statistics over the years and the fact that our students bear the recession blues with record-breaking placements itself is a testimony to our quality.**

**Few highlights and statistic for current batch are as follows:**

- ➔ 1994 offers were rolled out by May 2021
- ➔ 114+ companies have visited the Campus
- ➔ 35% Female students have been offered Jobs in corporate Offers made up to package 12 LPA
- ➔ More than 150 students have been offered package 6.0LPA and above Average package offered is 4.5LPA



C-Cube Cell- a specially focused cell for Competition Based Hiring and preparing students for various institutional, national and international level Hackathon and coding contests etc.

New School of Placement Cell-an initiative focused to internship cum placements for students of school of Design, Hotel & Hospitality, Journalism & Mass Communication, Law and Agriculture. The cell helps to create an eco system by organizing various workshops, events, floor activities, interaction with experts from industry, visit to various places, portfolio design etc leading to projects and internships cum placement offers.

This year JECRC Foundation has successfully hosted companies covering all the verticals such as Service provider, Information Technology, Consulting, Product Design & Manufacturing, FMCG, Banking, Real Estate, Education, Management, Hospitality, Mass Media, Architect firms i.e. Accenture, TCS, HP, Mindtree, Sopra Steria, Hexaware, ATCS, IBM, L&T Infotech, Tata Power, Pinnacle InfoTech, Deloitte, Vodafone Idea Ltd., Jaro Education, BYJU'S, Extramarks, Infosys, Wipro, E&Y, ZS Associates, Hotel The Lalit, Crowne Plaza, Marriott, INOX Group, India Today, TV18, Rajasthan Patrika, Dainik Bhaskar, India News, AU Small Finance Bank, Cult.fit, Hiren Patel Architects, Shantanu Garg Designs, Kredenza Interior Studio etc.

**Following are some of our recruitment partners:**

- Tata Consultancy Services
- Nokia-Siemens Networks
- Asia Motor Works
- Taj Group
- Tata Technologies
- Essar Steel
- A2Z Group of Companies
- Uttam Galva (Steel)
- Surya Roshni Ltd.
- Patni Computers
- STG International Inc.
- LG Electronics
- L&T India
- Infosys Technologies
- Benchmark Broadcasting
- Jindal Steel
- Reliance Industries Ltd.
- Tech Mahindra
- Goodricke Precise
- Steel Design
- Accenture Service Pvt. Ltd.
- Sona Koyo Steering
- Bascan Drugs & Pharmaceuticals
- Zensar Technologies
- Bosch India Ltd.
- Unique Builders
- JCB India Jaipur
- Caparo Corporation
- Aviva Life Insurance
- Persistent Systems
- Capital IQ
- Bajaj Capital
- Syntel Inc.
- Godrej & Boyce
- Sriram Fertilizers & Chemicals
- Huawei Telecom
- Asian Paints
- Birla Cement
- Shriram General Insurance
- Dainik Bhaskar
- Wipro Technologies
- Basant Wires Industries
- NBC (Aditya Birla Group Company)
- HDFC Bank
- Dabur Onquest
- ICICI Prudential
- Indian Immunological
- Kamdhenu Steels
- Coulera Technologies
- Cipla
- J K Cement
- Reliance Jio Infocom Ltd.
- A3Logics
- Maruti Suzuki India Ltd.
- J K Cement
- Amol Pharmaceuticals
- Pfizer
- Sahara India
- Ahlcon Parenterals
- Fiserv India Ltd.
- Indiabulls
- Max New York Life
- Religare
- Genus Overseas
- Reliance Money
- Reliance Insurance
- Videocon
- Mahindra & Mahindra
- ITC Ltd.
- Adani Group
- Technimont ICB Ltd.
- Perto
- Pinnacle Infotech
- Sopra Steria
- Ericsson
- Wipro
- Capgemini
- Appirio
- Hexaware Technologies
- Honda Motorcycle Pvt. Ltd.
- Hewlett Packard



# INTERNSHIP

Seeing current situation of the market, where there is cut throat competition and that one can attain success only by gaining practical experience and exposure, JECRC University has introduced Internship program for all its final year students.

Internship not only integrates knowledge and theory learned in classroom with practical application but also empowers interns by developing much solicited skills in professional setting.

JECRC University believes in 360° development of its students and to give them a competitive edge in a world of rising global competition for a talented and innovative workforce, we have adopted experimental learning in the form of internship. JECRC University firmly believes in importance of Internship as there is no substitute for experience.

## Internship brings along a plethora of benefits.

- Students gain industry Knowledge from experts
- Gain valuable work experience
- Get Stipend
- Develop and refine their skills
- Network with professionals while exploring a career path which gives them an edge in the job market.
- Internship helps to enhance a student's academic career, personal development and market ability by providing on-the-job training.

This year, due to covid-19, evaluation of the internship was conducted online by domain specific panel of industry experts from renowned companies.

With rise in number of graduates passing each year and ever-increasing competition has changed the hiring scenario of corporate sector/industry dramatically. Most employers are reluctant to hire someone who's never worked before and internship provides a solution to it by providing a real work place experience where students get an opportunity to work on live projects.

Internship programs develop students over all maturity by strengthening resource fullness, problem-solving skills, self confidence, self-discipline and sense of responsibility.

The JU fraternity undeniably believes that internship not only enhances students' training and allows them to gain skills but it also makes them a better employee by giving them self confidence that is often a prerequisite in the work place. Also, Students who already have some work experience in the form of an internships stand out to potential employers.

At JECRC University, a meticulously planned road map for internship program is curated under the supervision of Directorate of Internship. Internship program at JECRC University is aimed to develop intentional learning objectives goals that are structured into experience and supervised by a professional with relevant and related background in the field. One Semester internship has been inculcated in curriculum for final year students to provide students exposure to industrial work environment and gain real world experiences. Internship practice at JU is unique and one of its kind experiences.

To get the best result out of internship program, Faculty Internship Guides (FIGs) are carefully handpicked and trained by the Directorate of Internship to guide students during their internship journey. Students are assigned Faculty Internship Guide who motivates them to grab the best opportunity. Directorate of Internship at JU conducts Internship drives in campus and around (number of internship compensation i.e. get stipend).



6 Years of Best in class Internship

4098 Successful Internships

86 Internship Drives

68% Paid Internship

79% Paid Internship Converted to Job Offers

22 Students got Internship in ISRO

70K Stipend in International Internship

Throughout the internship drives, prestigious and renowned companies are invited to hire students for internships. These drives provide students a niche to express them in the best way and improve upon their knowledge for getting selected for internship.

To reap full benefits from this mutually agreed upon experience by the students, several milestones have been set in this 24-week journey of Internship. During complete internship tenure students are closely monitored and carefully evaluated by their industry supervisor and Faculty Internship Guides. Student's performance feedback is taken by the FIGs supervisor periodically via mail, telephonic communication and personal visit to company premises. At industry end, students work closely under supervision of industry experts. A joint evaluation by Directorate of Internship and external experts is done after successful completion of internship.

This year JECRC University conducted 14 exclusive internship drives and many drives conducted by TPO Cell were internship campus placement drives. Since 2016, an appreciable number of 4098 students across all streams were offered by university. The success story of this rigorous and well-planned practice is well stated by the statistics which clearly shows that 100% students got internship for consecutive 6 years. Sixty three percent students got stipend-based internship with stipend up to thirty-five thousand rupees (INR 35K). Around 79 % of the Paid internship got converted into full time job offers at the end of the internship based on students' performance. Glories of Internship cell at JU are heightened by students' participation in International Internships. JU aims at getting internship for its students at the top most organizations not only in India but also abroad. Adding few more feathers to the cap, few students of JU got international internship with stipend up to 70000 rupees (70K). JU leaves no stone unturned to give students wings, strength and opportunity to soar high in the sky.

## Few of the Companies where students of JU got internship

Oracle	TCS Disq	Microsoft	ISRO	NTPC	IBM
Indian Railway	Capgemini	Metacube	Immortal Technologies	RIICO	Maruti Suzuki India
Hotel The Lalit	Bosch India Ltd.	HCL	Zydus Cadila	Ultra Tech	Jindal Saw Ltd.
Matrix Comsec	A3 Logics	Calebal	Info Objects	CodeX	Ambuja Cement
Hexaview	Jaipur Metro	Cognus	RMC Switch Gear Ltd.	Forensic Science Laboratory Raj.	360 Degree Cloud
IIT Roper	MindIT	Amul Anand	Escort	Hotel The Oberoi Rajvillas	DLF Building India
Adani Power	HDFC Bank	Sopra Steria	CDAC	Taj Group	ARG Group
Shree Cement	Adnate IT	Skill Rock	NBC	ITC Hotels	JK Cement
Aon Hewitt	Appirio	Wipro	Danish Pvt. Ltd.	RSEB	Appcino Technology
JDA	Siemens	Su-Kam	DCM Shriram Pvt. Ltd.	Fairmont Jaipur	JK Tyre
ICICI Prudential	DRDO Dehradun	Pricol India Ltd.	Honda Motors	Radisson Blue	Ashiyana Housing Pvt. Ltd.

Logo of Companies:



and many more...

# PROGRAMMING & CODING @ JU

## HACKATHON

Smart India Hackathon is a unique Open Innovation model that brings the young minds, experts, academicians and industry together to solve nation's daunting problems. It is a non-stop digital product development competition, where problems are posed to technology students for innovative solutions. It harnesses creativity & expertise of students, sparks institute-level hackathons, builds funnel for 'Startup India' campaign, provides opportunity to citizens to provide innovative solutions to India's daunting problems.

Hackathons provide students a platform to solve some of the pressing problems we face in our daily lives, and thus inculcates a culture of product innovation and a mindset of problem solving. It is a matter of Pride to announce that JECRC Foundation has hosted Smart India Hackathon consecutively 4 times as one of the Nodal Center in India. **The fourth edition of the world's largest hackathon SIH-2020 was in virtual mode due to pandemic. JECRC University was a proud recipient of one Nodal Centre for Ministry of Women and Child Development where 26+ teams having 5-8 participants in each team conducted from throughout India through a virtual medium.**

**JECRC is the only Institute in Rajasthan to have been shortlisted as the nodal centre for conducting the Grand Finale of Smart India Hackathon-2017, 2018, 2019 and 2020.** Over 500 students of 50 teams and 25+ Ministry officials, judges and technical officers from all over the country came to JECRC campus in each year.

SIH 2017 was inaugurated by Ms. Neetu Bhagat, Deputy Director, RIFD, AICTE. In SIH many dignities like Prof. A.P. Mittal, Secretary, AICTE, Prof. R.S. Rathore, Director, AICTE and many Ministry officials visited our Institute and praised our efforts. The inauguration ceremony of SIH 2018 @ JECRC nodal Centre, Jaipur was graced by the presence of Shri A. P. Mittal, Member Secretary, and AICTE.

In SIH-2018, there were total 16 problem statements of Ministry of I & B for which 50 teams from around 23 cities participated to provide their real solutions. The valedictory session of SIH -2018 was graced by the presence of Col. **Rajyavardhan Singh Rathore, State Minister (I & B)**, Cabinet minister (Ministry of Youth Affairs and Sports) and Shri R.S. Rathore, Director (AICTE). It was great and proud moment in the history of JECRC to listen to honourable minister and share experiences with them. While addressing the gathering of students he said that "Life goes on by hard work and will power. And if you go with this mantra you will get success in life". He congratulated all the participant teams as well as Nodal Centre for successful organization of SIH 2018.



SIH-2019 was inaugurated by **Shri. Prakash Javadekar**, Hon'ble Minister of Human Resource Development (MHRD), at JECRC University where 32 teams with 228 participants participated from all over India and found digital solutions for Ministry of culture and ministry of power along with two corporate houses namely Tata Motors and Hero Electric Vehicles. Apart from these dignitaries many esteemed Judges and Mentors from Top Industries and students from various Institutes all across the country visited JECRC Foundation, the list of which is endless. In 2017, 3 teams, 2018, 9 teams and in 2019, 7 teams of JECRC were also shortlisted for Grand Finale of SIH at National level. Some of the teams also got top positions and offer to work with ministries.

Grand Finale of Smart India Hackathon 2020, Software Edition on Aug 1<sup>st</sup> -2020 was graced by our Guest of honour Mr Pankaj Jhunjia, Head of mobility service, Tata Motors and Mr Vinay Kumar, Partner Group engineer Manager, Microsoft. During the Hackathon coding session **Honorable Prime Minister Narendra Modi Ji interacted virtually with participants at JECRC University. PM Modi asked them questions and the students answered magnificently.** The Valedictory Ceremony on 4th Aug-2020 was graced by the presence of Chief Guest, Mr. Venkatesh Sarvasiddhi, Senior Head- Digital Skills, Innovation, Industry Partnership & CSR, National Skill Development Corporation (NSDC). One of JECRC University Team Phoenix, All girls Team of CSE Department won first prize of one lakh rupees and solved the problem under the Ministry of Power at New Delhi Nodal centre. This achievement of the team is the result of 36-hours of amazing efforts and dedication. JECRC University is proud of the team and Vice chairperson Shri Arpit Agrawal Sir congratulated and awarded all 6 girls students for their achievement.



JECRC is engrossed in promoting innovation and out-of-the-box thinking in young minds by conducting various innovative activities each year like JU HackQuest as internal hackathon to promote coding culture in our campus. JUHackQuest, Prelims of SIH-2020 conducted on 20-21st January 2020 in which over 1000 students registered to solve various problems from Ministries and industries.

The teams were evaluated by total 15 judges from Startups as well as from renowned software industry. The inauguration was done by Mr. Amit Mishra , India Entry Specialist and Government Startup Advisory and Mr Sali Seth, Manager@ Invest India. Valedictory of the event is graced by Naveen Jain, IAS (Mission Director - NHM), Secretary, Skills, Employment & Entrepreneurship and Labor, Government of Rajasthan.

**Code-N-Build event** was organized under the banner of Amazon Alexa in which **60 teams from 8 states** of India participated and provided solution to the real time problems using Alexa integration ID. Event was graced by Nancy Juneja, Co Founder, Mentor and Dhruvil Shah, Google Developers Expert, Founder of @Flutter.Flakes

JECRC Foundation has made a fantastic ecosystem of Hackathons at JECRC campuses where more than 15+ Hackathons/coding contests have been organized in last 4 years. All the projects developed are solving social issues of the society. These ideas and innovative solution of the students are nurtured in JECRC Incubation Cell. JECRC University is committed to build a strong eco system for nurturing innovations and Startups. Students are benefitted by their interaction with judges, mentors and industry/Ministry officials; also they get motivation to build good products. All the events were mesmerizing and their memories and experiences are wonderful.

### Hackathons in JECRC Foundation in Last Four Years

- Nodal Centre of SIH: 4 Times
- Total Teams /students selected for Grand Finale of SIH: 25 teams 150 students
- Ministry and AICTE officials visited: 100+
- Total Problems solved: 300+
- Total Ideas Submitted: 1000+
- Students Participated in different Hackathons (internal/external): 4000+
- Students from Different Institutes Visited JECRC: 100+ Institutes
- Students participated in Internal Hackathon (JU HackQuest): 2000+



## JECRC INCUBATION CENTRE (JIC)



In modern times startups are the most important change required in the country.

JECRC Incubation Centre is promoting the culture of innovation and entrepreneurship among students and faculties to develop the robust entrepreneurial ecosystem in the country by mentoring young innovators and empowering them with the **21st-century skills** of critical thinking, design thinking, collaboration, and latest technologies. We are providing a real and viable alternative path to improve employability.

**JECRC Incubation Center (JIC) is an integral part of JECRC University**, which supports entrepreneurs early and helps them create commercially viable and scalable businesses. JIC fosters an entrepreneurial culture around academics, research, and innovation.

JECRC Incubation Centre is the first academic incubator in the state of Rajasthan with a well-defined Startup Policy for Students. The policy is designed with the core objective to support and enable innovative ideas to turn into successful startups. According to policy additional benefits will be given to students. (For mature and operational startups) and all the requisite facilities will be provided like structure Mentorship, Co-working space, Industry Connections, and Financial Assistance.

### PORTFOLIO STARTUPS:

<b>DitchQ</b> - Founder: Vrinda Sarraf, JU-BCA Data Science, 1st Year
<b>Pixamentory</b> - Himanshu Kumar, JU- B.Tech CSE, 4th Year
<b>Accilives</b> - Founder: Mukul Gautam, Co-Founder: Arun Biju, JU-BCA, 2nd Year
<b>SeeGo</b> - Founder: Natasha Joshi, JU-B.A. LL.B Hons., 3rd Year
<b>Adventure Bag Club</b> - Founder: Shobhit Gupta, JU-BBA LLB(H), 4th Year
<b>The Streamliners</b> - Founder: Lavish Swarnkar, Co-Founder: Deepak Chaudhary, JU-B.Tech CSE, 4th Year
<b>Paperback and Earth</b> - Founder: Aditya Jain, Co-Founder: Yash Joshi, JU-B.Tech CSE, 4th Year
<b>Jawik</b> - Founder: Aman Singhal, Co-Founder: Rishabh Agarwal, JU-B.Tech CSE, 4th Year
<b>Washry Cleaning</b> - Founder: Aryan Kaushik, Co-Founder: Harshit Thakur, JU-B. Tech CSE & EE, 4th Year
<b>Weddyah</b> - Deepak Chhipa, JF, B. Tech CSE, 3rd Year
<b>Rightways</b> - Founder: Rajat Gulati, Co-Founder: Ashish Mahawar JF, B.Tech CSE, 3rd Year
<b>EdApply</b> - Founder: Keshav Jangid JF, B.Tech CSE, 4th Year

### Recognition:

Recognized as one of the only twenty Group2Centre(G2C) in India by Ministry of Electronics & Information Technology, GOI under TIDE2.0 Scheme.  
Recognized as "Most Promising Academic Incubator in India" by Asia Today Research & Media.

### Partners of JIC

#### Digital Impact Square (DISQ), A Tata Consultancy Services Foundation Initiative

Digital Impact Square (DISQ) is an open social innovation center - in the city of Nashik, Maharashtra. DISQ encourages innovation using digital technologies to address social challenges prevalent in Health and Hygiene, Housing and Transportation, Food and Agriculture, Energy, Water and Environment, Financial and Personal Security, Citizen Empowerment and Transparency, Education and Skills development across India. Through this partnership JIC supports Early-stage startups to scale their innovation and to create a sustainable & scalable Social Start-up.

### TIE Rajasthan

TIE Rajasthan is the premier entrepreneurship promotion organization of Rajasthan active in areas of educating, mentoring, networking, incubating and investing in innovative

startups 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. JIC has partner with TIE with the motive to build a robust startup ecosystem in Rajasthan.

### Headstart

Headstart is one of India's oldest and largest startup ecosystem development organizations. They have been chasing the vision 'changing the world with entrepreneurship' ever since. It is a not-for-profit organization, almost entirely volunteer driven! JIC has collaborated with Headstart to aware and sensitize young student about entrepreneurship.

### Technology Incubation and Development of Entrepreneurs (TIDE 2.0)

Ministry of Electronics and IT (MEITY) India, selected JECRC University as one of the prestigious TIDE centers across the country, and the first one in Rajasthan. Under the TIDE grant program, we were given a great opportunity to scout, shortlist, and select the unique and innovative startups in their line of business. So far we have already disbursed over INR 44 lakhs in form of a grant to 08 startups. In the current TIDE 2.0 grant program, we have received an overwhelming response from startups across the country.



### E-Cell

JECRC University Entrepreneurship Cell is a non-profit student organization dedicated to promoting the spirit of entrepreneurship among students. In the process of identifying, nurturing, training and establishing start-ups, E-CELL is involved in a wide range of activities. E-CELL is a part of the JECRC Incubation Centre.

#### "For the students, By the students"

Our Vision is to develop, enhance and carve out the inner entrepreneurial potentials of students and foster the thinking of entrepreneurship among them.

We build an interactive atmosphere among major components spanning students, aspiring and existing entrepreneurs, investors, mentors, through initiatives, interactive sessions and competitions etc.

JU E-Cell believe that entrepreneurship is a spark that ignites the flames of economic development in a country. We are ardent about providing assistance to build the sustainable ventures and serve as learning and supporting platform to maximise the success in ventures. With an idea of fostering the skill sets of Entrepreneurship, JU E-Cell believes, it will be extremely helpful for them to build a radiant future.

Speaker Series (20+)

Workshops and Knowledge Sessions (10+)

Events & Activities (20+)

### CODE WARRIOR

The basic idea of this initiative is to develop a coding ecosystem in our campuses and to make every student passionate about competitive programming. This includes all-round development in technical and core subjects and boosts the overall performance of JECRCians in the upcoming competitions. The knack of programming not only drives one to the best internship opportunities but also help one to grab the better placement opportunities in the product based companies like "FAANG" (Facebook, Apple, Amazon, Netflix and Google) and startups with packages ranging 10 LPA and more.

In 2020, JECRC University conducted an internal test in collaboration with Code Chef for 3000 students and selected 300 out of them and provide them special high quality training of 150 Hours by Industrial experts in MoU with the world top class coding Hubs like Geeks for Geeks, Coding Ninja Code Chef, Git Hub and many more on Coding and Data structure in Collaboration with Hacker Rank.

This helped 100+ students with an average package of 6 lacs annually with the digital skills required to thrive in the jobs of tomorrow in product based companies.





## MAKERSPACE

MAKERSPACE is a trending concept in India which gives brilliant minds space and equipment to help them turn their groundbreaking ideas into reality. The very first makerspace in Rajasthan is now open in JECRC University and was inaugurated by Mr. HasitKaji, Vice President, TCS on 16th August 2018. JU MAKERSPACE is collaborative work areas packed with equipment and tools where students with a bend for invention and innovation can come together under one roof to build, design, create and engineer new things, products, ideas etc. While there are only few such facilities open in India, a majority of them have opened their doors to people irrespective of their educational qualifications, age or gender. JU MAKER SPACE, all tools and equipment such as rare digital oscilloscope, common ICs and transistors are available.

It's been almost two and a half years since the Makerspace has been started and it has been growing gradually from just one student to seventy students, and all from different streams. Not only that but Makerspace is North India's first Student driven Makerspace community. In JU Makerspace students work on many different things like 3D modeling, 3D printing, aero modelling, Robotics, electronics, Wood working, Art, Prop Making, etc. The best part is that in JU Makerspace the only limitation to a student is his own imagination.

JECRC University has equipped with latest technology Big 3 D Printer at ST1 Hub JU and it can print objects of size 1 meter X 1 meter X 1 meter (1 meter cube).

### Achievements/ Events / Activities

JU-MakerSpace organized "3D PRINTING WORKSHOP" for inhouse Faculties & Staff. The objective of the Workshop was to introduce the faculties about the MakerSpace Culture.

JU Makerspace took an initiative to organize a MINI-MAKER CARNIVAL for the makers that let the students flaunt their innovative & cool projects. The students made in total 15 projects and showcased them to the public.

JU MAKERSPACE conducted online workshop "Summer with Makerspace" during lockdown period in which JU Makerspace conducted a series of free online workshops on technologies like Python, Arduino, Machine Learning, Web Development, 3-D Printing, Control Algorithms.

JU Makerspace and JU ECell, conducted Ideathon 2021, which was held exclusively for First year students. The purpose of Ideathon was to keep innovation and entrepreneurship running in novice minds. In this event, 300+ JECRC freshmen participated to showcase and present their innovative ideas. Winners were awarded with cash prizes and further supported by JU Maker's Space and JECRC Incubation Centre to convert the ideas into viable products/business.

JU- Makerspace has tied up with 'Makers Lab', an initiative by Tech Mahindra. The tie up would strengthen JECRC students with latest and prevailing technological skills like AgriTech, Defense, IOT, and AI/ML. And, this has also led to opportunities for students such as Innovative Internships and Collaborative Research and Projects with Tech Mahindra.

Amid pandemic 2020, JU Makerspace launched #Save\_The\_Saviours Initiative which was applauded by Hon'ble CM of Rajasthan, Sh. Ashok Gehlot on his social media handles.

In the initiative JU Makerspace had committed itself towards manufacturing 5000+ face shields for hospitals of Delhi NCR to help our doctors, paramedics & sanitation workers so that they protect them from infection as they fight it out on the frontline.

During Covid Pandemic in month of April 2021, JU Maker Space students have made two significant innovations to solve the problem of social distancing and wearing a mask namely Social Distance Badge Face Mask Detector.

This work was much-admired and published in Rajasthan Patrika Newspaper and run in various National News Channel Like ABP News, News Nation, News 18 and ETV India.



## ALUMNI ASSOCIATION

At JECRC University, we work to build a lifelong bond with the students and to support this motive. JU Alumni Association works to serve as a bridge between the Alumni and the University. We provide diverse and quality networking for Alumni in addition to opportunities for them to build a network of friends with over thousands of alumni who have achieved great success in their careers.

The objective to form the JU Alumni Association is to transform the idea of life from the individualism to unification and to create the opportunities where the alumni can contribute and share seamlessly. The vision is to help the fellow members, share and influence, with what they have achieved and can do.

Currently, we have 4000+ alumni placed globally and for them we offer professional and personal support such as professional networking events and career services, continuing education opportunities, and use of campus facilities.

Our alumni act as a mentor for the current students and provide them right knowledge and skills, as well as help them to get placed in MNC's. Alumni entrepreneurs help to foster student entrepreneurship because they understand the current entrepreneurship ecosystem at our institute and help them to launch their careers.

The importance of alumni network for professional networking and career growth has come to life during the covid 19 pandemic. Even during the pandemic our alumni helped us through the online platforms. Some alumni contributed their presence in various events like Alumni Annual Meet, Alumni Mavericks Club Meet, Alumni Entrepreneurship Meet, Alumni Zarurat Meet, Alumni Meet and Greet, Alumni Founders talk.

Many of the Notable Alumni are invited for judging many events, while many of our alumni are walking down the path of being entrepreneurs. They are now recognized as job creators in the industry with more than 50 start-ups established rather than job seekers while achieving the best of their endeavors.

The Alumni Association has a portal where alumni can get registered themselves at [www.jualumni.in](http://www.jualumni.in) and get benefited by having all the updated information, Job Opportunities, other guidance for their overall growth.

### EVENTS AND ACTIVITIES

- Alumni Founders Talk
- Meet and Greet-Let's Gain
- JU Alumni Sports Meet
- Convocation
- Bangalore Alumni Chapter Meet
- NCR Alumni Chapter Meet
- Pune Alumni Chapter Meet
- Smart India Hackathon
- Alumni Meet
- JU Reminiscence
- Zarurat Alumni Meet
- Alumni Meet and Greet Program in association with JU Mavrick Club



## GLOBAL INDUSTRY COLLABORATIONS

JECRC 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.





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. The students get the know-how of contemporary technologies like Cloud Computing, AI/ML, Data Science, IoT etc. from Microsoft's Learn platform where the content is published by Microsoft's team after creating a thorough job task analysis combined with market research, and subject matter expert inputs to create aligned learning experiences. Hands-on experience and certification with Microsoft technology skills to land leading tech jobs for the students. Apart from this, the students also get access to Microsoft Education Center, Azure Dev Tools, Azure Lab Services, GitHub, Linked Learning and other benefits as well.

#### Microsoft Product/Programs available for students under this partnership include:

##### Microsoft Learn

Microsoft Learn provides self-paced, digital learning resources to build skills and a foundational understanding of technology. Microsoft Learn provides resources to best prepare students for in-demand jobs and Microsoft industry-recognized certifications. Microsoft Learn provides step-by-step, bite-sized tutorials and engaging modules that are available online and support learners with technology proficiency ranging from beginners to advanced learners. The learning paths have interactive sandbox environments to provide "hands-on" interactions with Microsoft technologies. Learners can create a profile on Microsoft Learn to access additional features such as collections, track progress on learning activities and view personalized recommendations.

##### AI Business School

The Microsoft AI Business School is a series of learning paths for nontechnical audiences that share insights and practical guidance from top executives in the industry on how to strategically apply AI in an organization. Course materials include written case studies and guides, plus videos of lectures, perspectives, and talks that students can access as a complementary part of their course. The AI Business School is a great resource for students to learn about applying AI to industry, along with considerations for sales, marketing, culture, and responsible AI application across industries like manufacturing, healthcare, finance, government, retail, and education.

##### Microsoft Educator Center

The Microsoft Educator Center provides access to professional development and training across a variety of Microsoft products as well as transformation maturity models for measuring success. The Microsoft Educator Center provides an online portal with learning paths for educators on popular technologies like Teams, OneNote, Office 365, Windows and more.

##### Microsoft Learn Student Ambassadors

Microsoft gives students the opportunity to apply to join the Community, a structured program to help them learn and lead to make a difference and empower others. Students gain access to free tools, events, earn badges for activities and contributions and unlock exclusive benefits through learning. Applications remain open throughout the year with multiple rounds of intakes.



##### Microsoft Imagine Cup

Imagine Cup is for student developers aged 16+, giving them the opportunity to build purpose-driven applications with Microsoft Azure technology to tackle some of the world's biggest social, environmental, and health challenges. Imagine Cup provides the opportunity to collaborate with other students, network with professionals, gain new skills, make a difference in the world around you, and have a chance to win travel, mentorship, and prizes.

##### Azure for Students

Students today are eager to get hands-on with technology and build for the future. With Azure for Students, eligible students aged 18 and over can start building apps, explore AI, and make the most of big data with access to more than 25 free Azure services plus \$100 in Azure credit, renewable annually without the need for a credit card.

##### Azure Dev Tools for Teaching

Azure Dev Tools for Teaching is a benefit which provides access to tools commonly used in STEM programs, including professional developer and designer tools available to both faculty members and students. In addition to these tools, users also have access to beta releases, new releases, and technical support.

##### Azure Lab Services

Azure Lab Services enables educators to set up and provide on-demand access to preconfigured virtual machines (VMs) to support classroom scenarios in Higher Education. Through these virtual classrooms, educators can teach a class, train professionals, run a hackathon or a hands-on lab, and more.

##### GitHub

GitHub Education helps students, teachers, and schools access the tools and events they need to shape the next generation of software development. With programs such as the GitHub Student Developer Pack, GitHub Campus Program, GitHub Classroom, and other resources, students and educators can take advantage of solutions that will meet their needs.

##### LinkedIn Learning

LinkedIn Learning is an online learning platform that combines the industry-leading content from Lynda.com with LinkedIn's professional data and network. With over 16,000 courses taught by industry experts, LinkedIn Learning provides online training to supplement an institution's existing curriculum and help create more career-ready students across multiple different disciplines. Leveraging the LinkedIn platform in such a way also helps students build their online resume and provides added interest for students looking to institutions who are innovating with new learning modalities. LinkedIn Learning may also be a key element for a school or campus professional development initiative providing both technical and non-technical course subjects and titles for learners across the teaching and administrative staff.



JECRC University has entered into a distinguished collaboration with Google for its Cloud Technologies. The Cloud Computing Foundation Curriculum by Google introduces students to the breadth of Cloud Technology with concepts, hands-on labs, assessments and a capstone project. More than 27 faculty members have been trained by Google using their QwikLabs platform and have attained certifications and skill badges. More than 300+ students are undergoing this Cloud Course by Google and would be earning Google Cloud hosted skill badges. The next step of this association will be a Career Readiness Program by Google that will be integrated in high semesters. Cloud computing is a growing community and businesses are now eagerly searching for those professionals who are specialized in Cloud Computing courses.

TATA Consultancy Services Limited (TCS) is an Indian multinational and global leader company in information technology (IT) services and consulting. JECRC University is the only University in the state of Rajasthan to offer a 4 Year B.Tech. Program in association with TCS in 'Computer Science and Business Systems' (CSBS). 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 develop an equal appreciation of humanities, management sciences and human values.

The International Business Machines Corporation (IBM) is an American multinational technology company headquartered in Armonk, New York, with operations in over 170 countries. 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.



JECRC University becomes the 1st University in India to join hands with Tech Mahindra for providing certification courses to the students. Tech Mahindra is offering three Boot camp Certification Courses: Data Analytics, Machine Learning and Industry Machine Learning. Students are trained by Industry experts and get certificates endorsed by Tech Mahindra on successful completion.

Also, to promote interaction between Makerspace of JECRC University and the Makers Lab of Tech Mahindra in the field of upcoming technologies, we have signed an MoU with Tech Mahindra. Under the aegis of this MoU, students of the University get an opportunity to work on Live Projects in the areas of Agri Tech, Defense IOT and AI/ML at Tech Mahindra. Lots of IPRs are anticipated as a result of this association



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 will come down to the University for taking classes of the specialized subjects and providing hands on to the students.



UiPath, headquartered in New York, is a leading Robotic Process Automation vendor providing a complete software platform to automate business processes. As a technology partner, UiPath's experts have 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.



JECRC University is the only University in the state of Rajasthan to have a Center of Excellence by Salesforce. Salesforce is an American cloud-based software company headquartered in San Francisco, California. It provides Customer Relationship Management services to businesses to better connect with customers, partners and potential customers using Cloud Technology. The Salesforce CRM is ranked number 1 in the World.

Under this proposition, we will develop a Salesforce Lab in the University with 10 licensed installations of the Salesforce Foundation Enterprise Edition. This lab under the aegis of Salesforce's Center of Excellence shall act as a resource for the promotion of Salesforce technology among the 2500+ students of the CS/IT ecosystem at JECRC University and will bring them together to benefit & increase their expertise in this booming technology.



It is a global leader company in the domain of Robotics Process Automation (RPA) with a net valuation of 2.6 billion, headquartered in San Jose and a global presence in 35 countries. 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 practise 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.



It is the world's largest Defense Grade certification body in the domain of Cyber security. Under this partnership, our students can choose to undergo certifications from a bouquet of courses in the domain of Cyber Security and even a complete 4 Year B.Tech program in Computer Science and Engineering with Specialisation in Cyber Security in association with EC-Council, USA. Instructors and official e-Courseware are provided by EC Council, USA. Bootcamps, Workshop and Cyber Competitions too come along as value additions.



It is a Netherlands based Agile Software Development and Digital Transformation Consulting and Services Company. Under the MoU with Xebia, JECRC University is offering B.Tech. 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.



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



It is an initiative of the Government of India in collaboration with the state Governments and Industries. ICT Academy is a not-for-profit society, the first of its kind pioneer venture under the Public-Private-Partnership (PPP) model that endeavors to train and develop the next generation of teachers and industry-ready students. Under the aegis of MoU, ICT Academy will organize 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.



JECRC University has joined hands with DXC Technology as part of their CSR initiative to train students on skills that will keep 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. DXC Technology is a Fortune 500 American Multinational Company having 1.38+ Lacs Employees and we are the only University in the state of Rajasthan to establish a "Center for Women Empowerment" by DXC Technology. Under the aegis of this tie up, 100+ Girls of Pre-final Year Circuit Branches, namely CSE, EE, ECE and IT and 2 Women Faculty Members of the University are being trained on the cutting edge technology of Data Science and Big Data Analytics. The training shall last 6 months and would comprise of Virtual Instructor Led Training and self-paced modules. The perks include student competitions and placement activities by DXC Technologies.



The Associate Chamber of Commerce and Industry of India, ASSOCHAM represents the interests of trade, commerce, industry and service provider of India and acts as an interface between Government and Industry member on issues and initiatives of policy and regulation matters. JECRC University has entered into an MoU with ASSOCHAM to strengthen the Intellectual Property (IP) ecosystem at the institute. Designated speakers from ASSOCHAM will enhance the knowhow of IP Rights through their expert seminars at the University.



It is an American multinational computer software company which has historically focused upon the creation of multimedia and creativity software products, with a more recent foray towards digital marketing software. 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.





## ALUMNI SPEAK



**Shubham Dhanuka**

I learned the way of keeping up with all the advancements going around me. New technologies covering up the market is much resourceful for them on ger generations & JU helps all the young minds to learn the new technical advancement and train them to make their stand in the global market



**Ankit Yadav**

JECRC is the only place in the world which I can say is my family, other than my family. I always feel welcomed here.



**Mehul Agarwal**

I had the thought of completing my masters from a place where I could represent myself at global level, and JECRC University was the place where I learnt to pursue my dreams.



**Divyani Pathak**

The skill s to achieve something, is what a good company desires in freshers, and JECRC University helped me master those skills.



**Devang Sharma**

Faculty in JECRC University helped me build a strong foundation and place my presence in the IT Sector. Each day comes with a new challenge and JECRC University has trained me to face the challenges with a full confidence.



**Akshita Bahukhandi**

The IT World is a never changing world with new technologies coming in the market to minimize the efforts. To keep up with the pace of the IT world, the foundation of the knowledge should be strong, and that is where, JECRC University helps us build a strong foundation of knowledge.



**Shubham Jain**

Faculty in JECRC University helped me build a strong foundation and place my presence in the IT Sector. Each day comes with a new challenge and JECRC University has trained me to face the challenges with a full confidence.



**Saurabh Bhatia**

The faculties and staff is helpful in every field to help the students get a job.



# INTERNATIONAL EXPOSURE

– IAESTE LC JECRC



## IAESTE LC JECRC



With the increasing globalization the world is achieving with each passing day, the field of higher education also requires global exposure. We need to develop a global approach that can address the issues pertaining to scientific discovery and encourage a mechanism to work collaboratively to produce the maximum output of the educational and training efforts by all the different universities around the globe. Recognizing the need to mark our global presence, JECRC University established a Global Outreach Cell comprising of the experienced and internationally recognized academicians dedicated to meet the global challenges working collaboratively so as to effectively train the future scientists and engineers of the nation. As businesses go global, so does the need to find the talent well versed in the multicultural environment in order to effectively learn and work in manufacturing and research enterprises located in different countries. Below mentioned are few students already pursuing their career abroad:

### Objectives of JU-GOC:

The GOC at JU aims to provide a platform for faculty and students to engage in bilateral exchange programs form foreign institutions of higher education to work together on research projects, training in new system and technology and to develop new teaching and research methodologies.

### Long-term objectives:

- Organize visits of embassy and consulates staffs from New Delhi.
- Visiting professorship programme: DAAD, Nehru-Fulbright fellow.
- To start collaborations for faculty, students and academic exchange with reputed universities abroad to promote educational excellence at JU.

### An approach to develop a global alliance:

- Provides a platform for faculty and students to engage in bilateral exchange programs for foreign institutions of higher education.
- Work together on the important research projects, training in new systems and technologies.
- Organizing international conferences to have a dialogue about the current R&D.
- Develop and implement new teaching and research methodologies focused on industry requirements.



## Introduction

The International Association for the Exchange of Students for Technical Experience, Association sans but lucratif (non-profit association), commonly known as IAESTE. It is an independent association of national committees representing academic, industrial and student interests. IAESTE provides students with the opportunity to work with employers having highly skilled, motivated trainees for long or short term projects and has helped over 300,000 students of science, engineering, technology and applied arts subjects to gain valuable international work experience in over 90 member countries. IAESTE India currently has 4 Local Committees including IAESTE India LC/JECRC.

## Legacy

IAESTE India LC/JECRC is the flagship international exchange program of JECRC University. It was established in the year 2014 with the hopes of providing the students with the best of international internships and it has done so. Being established in 2014, IAESTE INDIA LC/JECRC has grown rapidly thus becoming the fastest growing LC. The journey started with its initial 11 paid internships in 2014-15. In 2016-17, an increase of 57.14% was seen in exchange offers. With an exchange ratio of 81.6% of the total offers at present, it displayed a growth rate of 290% in exchanges performed in 2016-17 as compared to 2015-16. IAESTE INDIA LC/JECRC has hosted 149 international incoming and outgoing interns across 25+ countries in its journey so far since 2014-19. The aim of IAESTE India LC/JECRC is to continue performing at the top level and strive towards excellence.

## Exchange Statistics



Total Exchange up till -149

## Achievements

IAESTE INDIA/LC/JECRC provides exposure to the students. It was started as a Probationary Local Committee in JECRC University. Being under observation of National Committee of India for 4 years, LC/JECRC was declared as a permanent Local Committee in 2017. It is an autonomous body of IAESTE India now. It also came up with the innovative idea of In-house Internships. These internships provide the members of IAESTE India LC/JECRC to intern along with the international interns in the campus of the University itself. This is an amazing opportunity for the students who are unable to grab an international internship.

From a probationary to a permanent Local Committee, IAESTE India LC/JECRC has witnessed an extraordinary journey in just five years. All these achievements are motivation to be humble and dedicated towards reaching even greater milestones in the future. Join IAESTE today and become a part of our wonderful family!

## Sessions we had in lockdown period:-

- Keynote session by Prof. Bernard Baeyens, former President IAESTE a.s.b.l.; addressed students on how to proceed for international internships and education post pandemic and how to change with the changing scenarios.
- Keynote session by Mr. Thomas Faltner, President of IAESTE asbl; addressed students on how remote internships can enrich a student's curriculum compared to conventional internship. Discussed the assets of remote internships over conventional ones and motivated students to apply for the same.
- Webinar by Mr. Vivek Kumar, founder of fuels your skills and director of IRS consulting. Addressed the students by explaining them Lean Management, its perks and how can one apply lean management in their day to day life.

## Event:

On women's day, IAESTE LC/JECRC appreciated the teachers associated with us by presenting them with letters of appreciations, short clips with video messages of students for the teachers. Small effort to do something for the teachers who work so hard for us.

# RESEARCH

- RESEARCH CULTURE
- IP CURATE LAB



## Research Culture

### "Expanding Minds with Research"

Research is not an option at JECRC University. Research is the soul here. Research has imbibed with each of the academic initiatives at JU and perfectly reflects the deeply rooted culture. That is to nurture through the strong intent to serve the society with better solutions. No wonder only 52 Ph.D degrees are granted so far at JU. The reason behind the precise pace of research is let it get thoroughly reviewed by the experts and let it strengthen the future scope of research in the field.

### "High Quality Focused Research"

Since its inception JECRC University is on a strong mission to support the high-quality, objective research and analysis on issues at the top of the national and international policy agendas. We, at the JECRC University are proud of that reputation; we build through which we have focused research agenda. We are also proud of the ways and means by which we have ensured that our research outcomes and solutions that reflect our core values of quality and objectivity. Quality research at university is part of a programmed plan to develop, organize, and execute a research agenda that might include creating collaborations within or across disciplines, mentoring students, creating and leading centers, or building toward larger or systemic questions. Independent of the means or venue of dissemination, it is a mandate for the researchers at JU to develop a clear vision about the research areas and its impact in the discipline and, potentially, on the world in the long run. Impact could be assessed by the contribution to the field in the form of citations, commercialization including patents and licensing, or other signs of attention. Impact in the world may be the most difficult task to measure but ultimately is the most important aspect. The value of research is that its impacts lives (both directly and indirectly).

### Research across campus

#### Research opportunities for under/post graduate levels through Projects, Live Industrial Projects, Collaborated Research,

#### Seminars & Internships: Undergraduate/graduate research experiences at JECRC

University helps students to understand a particular topic or phenomenon in a field while simultaneously strengthening their comprehension of research and research methods. Undergraduate research is inquiry-based learning that involves practicing a discipline, not just being told about it. Students learn and apply the tools by which knowledge is created in their disciplines.

JECRC University is rising up at the center of one of the most vibrant hub of innovation and entrepreneurship in the state. To make our community the world's most stimulating and supportive academic environment for innovation, we offer classes, mentorship, guidance, and resources tailored for students, faculties, alumni and entrepreneurs. We also cultivate the strength of our regional innovation ecosystem, in part through an ambitious and strong redevelopment initiative. Undergraduate/graduate research projects at JU are designed to fit a variety of class constructs and to promote engaged student learning at all levels of undergraduate courses. Undergraduate research projects are student initiated and being implemented with the help of class-based activities (naturalistic observation, surveys, quantitative writing assignments and experiments), Summer Internship Projects and 6 months Internships in the final year of the Undergraduate courses.

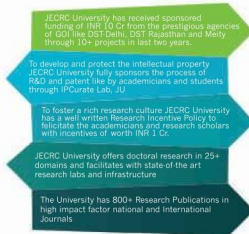


### Doctoral Research at JU

More than 100 Ph.D. scholars are enrolled under various faculties of the University broadly. Research at JU at doctoral level is controlled by University Research Protocol Committee to provide guidance and oversight and to ensure regulatory compliance and overall scientific integrity with the myriad of policies, laws and regulations that govern research. In a world increasingly propelled by technology, University's doctoral research is the foundation of any nation's economic and academic growth. It is also foundation of future development and sustainable progress. Hence at JU, we are committed to the deliver quality research which provides a fertile setting for proactive research in the range of scientific and technological achievements.

University is engaged in cutting across research themes in areas as diverse as are explained as under:

- Artificial intelligence
- Internet of things
- Biotechnology
- Water Chemistry
- Water remediation
- Medicinal plants chemistry
- Antennas
- Cyber security
- Microbiology
- Nanotechnology
- Dyes removal from water
- Drug design
- Fluid dynamics
- Solar physics
- 5G Mobile technology
- Biodegradable Polymers
- Power system
- Bibliometric Studies
- Molecular designing
- Mathematical modeling
- Supply chain management
- Wireless communication
- Corrosion studies
- Green Chemistry
- Medicinal and Herbal plants
- Plant and tissue culture
- Quantum physics
- Heavy metals & Fluoride removal



### Research Publication at JU

JECRC University promotes the faculty to publish their researches in the Scopus/ Web of Science or PubMed/Indian Citation Index journals only. The below mentioned Scopus cite plot indicates the exponential growth of the research publications of the faculty members of JECRC University.

The JECRC University encourages the faculty members to inculcate their research oriented approach; the faculty members keep trying to publish their research articles. They have the aptitude to publish their researches in the form of articles, books or chapters in the books and also execute their research aptitude by attending the conferences thus publishing their articles in the conference proceedings as well.

The plot below reflects the same by showing the number of books and chapters in edited volumes/books published and papers in national/international conference-proceedings:

**Research Facilities** – Encouraging and sustaining innovation and research in regular academics of the institution requires a sturdy administrative courage and strong concern for academic excellence and JU has continuously evinced it through its functioning and research facilities. The central library of the university is very rich in its content holdings to facilitate research. Every school has its own library too at JU with the latest reference /text books, journals, and case lets in print and electronic form both. Internet access is provided to the library by the way of campus networking and getting connected to INFLIBNET. Extension activities can be seen in the various fields of disseminating the experiences and research output of the faculties



and students. JU provides various platforms in the form of organizing National & International level conferences & workshops. JU also has a state of the art Maker's Space to nourish creativity and innovation at the campus. Regular expert panel discussions and talks pave the way to strengthen the research eco system at JU and research in regular academics of the institution requires a sturdy administrative courage and strong concern for academic excellence and JU has continuously evinced it through its functioning and research facilities.

Extension activities can be seen in the various means of disseminating the experiences and research output of the faculties and students. JU provides various platforms in the form of organizing National & International level conferences & workshops. JU has the state of the art Maker's Space to nourish creativity and innovation at the campus. Regular expert panel discussions and talks pave the way to strengthen the research eco system at JU.

#### Government / Industry Funded Projects & Excellence Centers

Externally Funded Research Projects are another powerful means to strengthen the research eco system at JU.

Faculties at JU are engaged in working on various prestigious Government/Industry sponsored projects and nurturing excellence centers in the research areas.

The largest and most important of these agencies are the Department of Science and Technology (DST), which awards research grants in the broad area of natural sciences and technology through calls for proposals. The same applies to the Department of Biotechnology (DBT), which specifically promotes research and offers research funding in the field of life sciences. Other prestigious agencies are ICSSR, DRDO, ICMR, ICPR, DAAD, MRC, and many more. Here are the glimpses of externally funded research projects at JECRC University.



#### JU Women Technology Park Sanctioned by DST, GOI

Research Projects: 35 Million and 4 Million worth Government Funded Projects and Industry Funded Projects respectively have been credited to faculty and students. The Rural Women Technology Park (RWTP) established at JECRC University to empower rural women of Rajasthan especially of adopted villages i.e. goner, pipal and some population of gram vidhani. Five faculties have been awarded with the country's most prestigious fellowship -Women Scientist A. JECRC University organized Subject Expert Committee Meetings of Women Scientists Scheme (WOS A) of the Department of Science and Technology (DST), Govt. of India, National Science and Technology Management Information System (NSTMIS). More than 9.5 million (INR 95 lakh) grant has been provided from DST for these meetings.

**Impact of Gender Mainstreaming Projects of Government of India** A multi-centric projects is bagged to Prof. Ekta Menghani (2019-2021) to study the impact of gender centric projects of government of India and their role in empowering women in science.

#### JU - Biotechnology Business Incubator by DST, Rajasthan

Biotechnology is blooming in Rajasthan with new innovative ideas of young minds. More than eight innovative ideas have already been incubated with JU-BBI. The incubation center is governed by Society for Innovation and Incubation (SII). The motive of society is to inculcate entrepreneur skills with budding creative minds. The scheme notions are Herbotablet, Biotea/Herbal tea, Biodegradable batteries, Young birds, Herbal medicines, Herbal beauty and Rural Gold.

#### DST DAAD 2019 Indo German Joint Collaboration funded by DST, GOI

JECRC University, Jaipur has been a bystander of the successful visit of Prof. Gerald Drager, Director, REBIRTH Unit Functionalized Polymers and Rengenerative Agents with his research scholar Ms. Friederike in the context of Indo German DST-DAAD 2019 Joint collaborative project of worth ten lakhs sanctioned by Department of Science and Technology New Delhi. The academic collaboration with German partners from Leibniz University Hannover, Germany coordinated by Professor Dr. Ekta Menghani, Department of Biotechnology, JECRC University, Jaipur (India) with the German partner Prof. Dr. Andreas Kerschning.

**Green Chemistry Frontiers funded by DST, GOI** Prof. Sanjay K. Sharma bagged a major research project on Green Chemistry under the auspices of NSTMIS, Department of Science and Technology, Government of India.

**ISRO Exhibition under auspices of DST, GOI** Ms. Komal Joshi, Incubation Manager and Head, JU Alumni Association has been sanctioned with a project named "Exhibition cum Scientific Ecosystem for Rural Rajasthan" under the auspices of Science, Technology, Engineering, Mathematics, Medicine (STEMM) India Initiative (Bharat Vignyan Darshan) for the popularization of Science and Technology. In this project, JECRC University would provide a face to ISRO Exhibition of satellites and space innovations to more than 15000 school students of Rajasthan.

#### TIDE by MeitY, GoI

JECRC University has bagged yet another externally funded research project entitled "TECHNOLOGY INCUBATION AND DEVELOPMENT OF ENTREPRENEURS (TIDE)" for a grant of INR 3.1 Crores from Ministry of Electronics and Information Technology (MeitY). Under this sanction, JECRC University has been granted Group-2 Technology Incubation and Development of Entrepreneurs TIDE 2.0 Center (G2C). JECRC University has the pride of being one among these 20 centers across the country. For the successful execution of this project, JECRC University has also entered into an Memorandum of Understanding (MoU) with the Ministry of Electronics and Information Technology (MeitY). As a Group-2 TIDE 2.0 Center, JECRC University will be supporting a total of 40 startups in selected areas of national concern by leveraging emerging technologies, during the project duration and also organize numerous engagement programs and workshops. This project was jointly submitted by Dr. Manish Jain and Ms. Komal Joshi. 2 TIDE 2.0 Center by MeitY. This project will foster and evangelize a vibrant entrepreneurship ecosystem in the state of Rajasthan that will inspire budding entrepreneurs as well as support the existing ones.

**STI by DST, Delhi**, JECRC University has received sanction from the Department of Science and Technology (DST, Delhi) for the project "SCIENCE TECHNOLOGY AND INNOVATION HUB IN JAIPUR DISTRICT, RAJASTHAN" for a grant worth INR 3.5 Crores. This interdisciplinary project was submitted

by Prof. Sapna Sharma as Principal Investigator and Prof. Ekta Menghani, Prof. Naveen Hemrajani, Ms. Shivani Kaushik, Dr. Varsha Gupta, Mr. Mukesh Agarwal and Dr. Manish Jain as Co Principal Investigator. Out of the hundreds of proposals received by DST, only 20 were called for presentation at Gurugram wherein the team of Prof. Sapna Sharma and Prof. Ekta Menghani rendered a wonderful presentation and bagged this project. The project comprises low cost herbal Tie and Dye methodologies generation, innovative techniques for Gem and Jewellery making equipment, scientific validation and documentation of Traditional Knowledge and App-based Puppet Learning. This first of its kind project proposes to constructively affect the livelihood of more than 1200 underprivileged people from the SC Community of Jaipur and Sirohi.

#### Protection of Intellectual Property at JU

The model guidelines on implementation of IPR policy in Academic Institution, has been prepared by Cell for IPR Promotion & Management (CIPAM) in India. Following such national guidelines at JECRC University the IPCurate Lab provides a platform for students and faculties to protect their ideas in the form of patents, Designs, Copyrights & Trade marks. IPCurate Lab is designed to build a sustainable research and innovation environment. The ultimate goal of protecting IP is to promote student-led startups and ventures to nurture and respect intellectual property under the guidance of academic and research experts of the university.



## IPCURATE LAB

Intellectual property of a country plays an important role in providing a competitive edge to any country. Academic Institutions and Research Institution play an eminent role in generation of IPR for the country. The tangible assets like inventions, designs, software, brand name and other creative & innovative ideas are more valuable than physical assets. JECRC University has installed **IPCurate Lab** in its campus to protect the IP generated in the university by its various stakeholders. IPCurate lab provides a guidance and assistance in terms of patentability search, filing an application, early publication and grant support. IPCurate Lab is committed to encourage, protect, manage and commercialize Intellectual Property such as Patent, Copyright, Trademark etc. generated by the faculty and students both. The IPCurate Lab creates conducive environment in the academics for the development of Intellectual Property. Faculty and students of JECRC University are actively participating in the IPR filing process in different disciplines of academic fields.

The model guidelines on implementation of IPR policy in Academic Institution have been prepared by Cell for IPR Promotion & Management (CIPAM) in India. The R&D facilities, infrastructure and other amenities provided by the academic institutions, offer a platform for students to build and sustain a creative and innovative environment. The ultimate goal of model guidelines is to promote student-led startups and ventures to protect and respect intellectual property under the guidance of academic and research experts of the universities.

S.No.	TITLE OF THE INVENTION	INVENTOR	INSTITUTE NAME	PATENT PUBLICATION NUMBER	PUBLICATION DATE
1	Smart Stick for Disabled Person	Dr. Dinesh Sethi	JECRC UNIVERSITY	202011027794 A	8/28/2020
2	Paper Soap Tape	Ms. P. Shivani Singh	JECRC UNIVERSITY	202011027792 A	8/28/2020
3	System and Method for Distribution of Collected Tax	Mr. Mohit K Sharma	JECRC UNIVERSITY	202011027793 A	8/28/2020
		Dr. Arun Sharma			
		Ms. Ramandeep Gill			
4	Twirl Retrofit Fuel Burner	Dr. Rishi Pareek	JECRC UNIVERSITY	202011027817 A	8/28/2020
		Mr. Mohammed Saquib Khan			
		Mr. Rishabh Dutt Sharma			
		Mr. Neelraj Kaushik			
5	System and Method for Managing A Library	Mr. Lakshy Zaveri	JECRC UNIVERSITY	2020110276258 A	9/11/2020
		Mr. Pranshu Sharma			
		Mr. Vaibhav Jain			
		Mr. Arun Agarwal			



# STUDENT EXPOSURE

- ▶ STUDENT CLUB
- ▶ SOCIAL INITIATIVES
- ▶ EVENTS
- ▶ RESIDENTIAL FACILITY
- ▶ SPORTS FACILITY



## CLUBS @ JU

### Catchy Cultural Club

"A culture resides in the heart and soul of the people" Here in JU we don't purely focus on academics but also work on providing students with the exposure of every kind of activities and events. 3-C gives you the access to exclusive student fund as, resources, and privileges while any other fresher would be lucky to acquire. Their aim is to help students to remain active in the area of social working and boost their leadership skills. 3-C Club emphasizes on aspect for the rights of others and promoting ethical standards and the dignity of all occupations. They provide a chance to young talents so that they can now and in future face the world with full confidence. A cultural club is not only just something which looks after various ongoing events within the institution but also looks beyond that. It not only focuses on the cultural events but also fosters active participation of each and every member within the campus. In this Club our basic motto is to involve each and every student in terms of his/her interest. It could be anything might be anchoring, organization, management or any other activity related to the interest of the student.



### Abhiyakti - The Theatre Club

"The best form to express you by the way of gestures and words is to Act". The Theatre Club is an enthralling initiative to enhance the acting, writing, oration and performing skills of an individual. It is a platform to come forward, showcase and develop the overall personality. We at Abhiyakti work and aim towards overall and holistic development of each and every member.

### The Vogue : Fashion Club

"The fashion adds colors to Life, and here in JU to add colors in the life of students we have started JU VOGUE." The main aim of this club is to spread fashion knowledge to each and everyone. It also focuses on making people and students aware that there is carrier in this field too. It tells the students about the importance of fashion in today's era. It's motto is to build confidence among students so that they can overcome stage fear and face the world with full confidence and develop their self esteem.



### Literature Club

"Literature speaks the language of Imagination", as we have number of students in JU who build their own castles of imagination, literature club is the best place for them. Literature club is committed to tap the effective communication talent among the students. Club is poised to enable the talents with cutting edge. The club aims to foster a love for language, enhance literary creativity and to provide an avenue for self-expression beyond the curriculum.

The club inspires the students to develop a taste for literature and also works in the direction of educating their spoken and written language. It is intricate in a variety of activities which aim at building up the confidence and grooming the talents of students in facing various interpersonal activities and competitions.

### Makerspace

"If you can imagine, you can create" Makerspace is a place for students who show their 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.

### Master Chef Club

"No one is born a great cook, but learns by practicing" In JU the club works on every individual member so that he/she can bring out the great chef from within. The MASTER CHEF CLUB hosts cooking classes, Chef Competitions, Food fest and other food events at the university.

Master Chef Club is a group of students organized and established to promote and develop the interest and skills of members in culinary related activities. The Master chef club is student initiated and emphasis is placed on student innovation and creativity and also leadership development and managerial skills.



### Maverick Club-Media Club

"Time changes but Photographs never changes" Maverick club is the official media club of JECRC University. It was formed in the year 2013 by a small group of photography enthusiasts who wanted to share their knowledge and experience with those who were inclined towards learning and enhancing their photography skills.

The club is being run by its members and new members are always welcome despite of their existing photography experience. We cover all the events that are organized by the university, which includes the sports events, our annual techno-cultural fest JU Rhythm, etc.

### Quintessence Crew-The Dance Club

Dance is an integral aspect of a balanced physical education programme; also it is a reflection of historical and current cultural values. Dance, the movement of the body in a rhythmic way, usually to music and within a given space, for the purpose of expressing an idea or emotion, releasing energy, or simply taking delight in the movement itself.

The Quintessence Crew which is basically here for the students to highlight their talent of dance and creativity. We provide opportunities to dance lovers to prove their talent and we also provide them a good platform for artistic exploration.

### Swaraag Club -The Music Club

"Singing is the best way to express yourself and here in JU Swaraag gives you the opportunity to openly express yourself. Swaraag is the Music club of JECRC University. It is a club which respects all genres of music and welcomes every person who is interested in music irrespective of his/her talent. Swaraag actively participates in all the cultural events

organized in or outside the campus. Music plays a very important part in everyone's life. It increases concentration and help an individual to stay relax and calm.

### Terra Club

"TERRA" is a Latin word which means "THE EARTH". Terra is our home and it is our duty to protect our planet. We believe that every human being should be aware of its first duty to make our home a more beautiful place to live. Industrialization and ignorance has unfortunately put an adverse impact on our planet.

TERRA club would contribute in generating awareness among people regarding the importance of our planet and conserving its beauty by protecting the flora and fauna from deterioration. Terra club makes us feel as the integral part of our mother earth. It embeds a sense of sincerity and integrity towards environment.

### Abhyudaya Zarurat

"You help one today, God will help you forever". At JECRC Foundation, we believe the growth of the nation as a whole is deeply imbibed in the growth of all sections of the society. It is the youth of the nation who forms the most important pillar of any society. For the growth of society, it is the moral duty of each and every student to gather wisdom and knowledge and pass on to the less privileged members of society.

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. Zarurat makes students aware of their brighter side that apart from gaining knowledge, they can also be a part of the initiative that delivers the knowledge they have earned for the needy.





## TECHNICAL CLUBS @ JU



### Developer Student Clubs

DSC(Developer Student Clubs) JECRC UNIVERSITY is a Google Developer program for the student,

interested in Google developers' technologies. It is a student-driven community powered by Google to help students build their technical and non-technical skills. Their vision is to bridge the gap between theory and practice. They organize workshops, events, hackathons, also provide an opportunity for students to apply their newly gained skills to develop solutions for local organizations and then provide visibility via showcases.



### The Amazon League – JU

"The Amazon League – JU aims to be the most Students benefit centric community. Amazon community JU is guided by quality principles: Student obsession

rather than competitor focus, passion for operational excellence, and innovative thinking. We are driven by the excitement of learning and building technologies, inventing Alexa skills, and providing workshops that inspire Students.



### Coding Ninjas

At Coding Ninjas JU, our mission is to continuously innovate the best ways to train the next generation of developers and to transform the way tech education is delivered. We're constantly evolving how we train amazing developers, as staying stagnant is not an option.



### IEEE COSEC

IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity. IEEE and its members inspire a global community through its highly cited publications, conferences, technology standards, and professional and educational activities.



### GOOGLE CROWDSOURCE

"The google Crowdsourcing community is powered by google and focuses on Artificial intelligence and machine learning technologies. The community focuses on teaching the different aspects of A.I to students through fun events and open-source competitions. The members of this global community are helping to create A.I that can best serve the rich and varied diversities of our planet.



### JU-MAKERSPACE

"If you can imagine, you can create 'Makerspace is a place for students who shows 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 3Dprinting.



### Microsoft Learn Student Ambassadors

The Microsoft Learn Student Ambassadors program is a global group of on-campus ambassadors who are eager to help students and their communities, lead in their local tech circles, and develop technical and career skills for the future. As a Student Ambassador, you might find yourself organizing a campus or community hackathon, mentoring other students, or volunteering with an elementary school STEM class.



### CODE CHEF

CodeChef JU Chapter (CCJU) is a college community, subsidiary of the world-famous competitive programming and networking platform CODECHEF. We at CCJU aim to provide ample and the best of available resources to the students who want to deep dive into the ocean of competitive coding and learn the most challenging aspects of programming. We come up with the finest resources, training, mentorship and guidance for them so that they can satisfy their urge to solve even the most challenging problems in the arena of competitive programming. Our team consists of the best sapient students of the college who are eager to motivate others to do their best and are able enough to guide their fellows whenever needed.



### COSEC

COSEC is an open-source initiative which helps student to develop their skills on their own by providing them the right path and enough resources along with the supervision of seniors so that all the students can ace their respective domains. COSEC's main motto is to provide pure knowledge more than any glib routes. COSEC will aim to create a Competitive Coding Culture inside JU by winning Hackathons, participating in coding challenges and increasing Open-Source contribution by the name of COSEC JU, and many more.

## TECHNICAL EVENTS @ JU

- Code-N-Build
- Developer's Tour by DSC JU
- 30-Days of GoogleCloud
- Android Study Jams
- STEM-An edifice of Ken
- Local Hack Day
- Let's Explore AWS
- Alexa And VoiceAI-101
- Amazon Ceremony
- ExploreML by Google
- Crowd source
- CodeSquash-1.0
- Freshmen Induction
- CODEMODE
- CODERS.EXE
- DEBUG2(7)/21
- CODE-N-BUILD2.0



## ABHYUDAYA (SOCIAL INITIATIVES)

JECRC Foundation is a 21 year two-winged educational establishment, with 10,000 enlisted students with JECRC College and JECRC University setup in Pink City, Jaipur, Rajasthan. We believe that it's our moral duty to build successful careers for our students with a quotient proportion of realization of social responsibilities in our children. Striving to accomplish our aim, we swarmed up our initiative named "Abhyudaya". As the name suggests, "Abhyudaya" meaning "sunrise" indicating a new day, is a step towards building a society which is beneficial for all the sectors. Let's have a Clearer picture of Corporate Social Responsibility and its amplitude with our diligent academic social league, **Abhyudaya**. It's an initiative led by students, aiming the growth and development of all the sectors of society.

### Our Vision:

To create a center full of compassion and empathy which develop an optimistic approach so that community instill their faith in goodness.

### Our Mission:

To focus on spirit of innovation that can become a driving force in helping and serving the society. To develop human potential to its fullest extent so that intellectually capable and imaginatively gifted individuals can become an aid in generating a ray of hope.

Abhyudaya started a series of **आयुधाय-एक समाज एक साथ**,

"Dialogue On Social Responsibility for Youth" where **Shri N.K.K Chaudhary, Social Entrepreneur and Founder of Jaipur Rugs** discuss on social responsibilities to the youth.

Late Shri Devarapalli Prakash Rao Sir, a Padma Shree awardee to motivate and inspire the youth in a live seminar series

**Abhyudaya** #proudly #congratulates the #team for its selfless #duty towards #humanity during ongoing covid19.

**ABHYUDAYA, the Social Arm of JECRC consist of four Social Verticals of JECRC-**

▲ **Zarurat** "The Help Beyond" ▲ **Aashayin** "Blood donors" ▲ **Soch** "Kuchh ker dikane ki" ▲ **Sahasini** "Saving girl child"

## ZARURAT- THE HELP BEYOND

Founded in November 2011, Zarurat is a JECRC students-led social group, working in the direction to provide **unbarred elementary education** to the underprivileged children living in the vicinity of JECRC, Jaipur. Till now about **7000+** working hours with **5000+** students been motivated and assisted by volunteers of Zarurat.

The team believes that empowerment of children lies in making them dream, to spread their dreams beneath the feet and rejuvenate the smile and innocence of children. Team focus on "each one teach one" concept. It helps to provide overall development of a child and a platform where they can hone their talents and skills and can become a better citizen of the society. Various activities are conducted for the overall development of kids which inculcates the true spirit of sportsmanship in them along with leadership qualities. The motive of Zarurat is to not only impart elementary education to the young minds but also introduce them to the modern world of learning in a way that every child should have. Team also celebrates different festivals so that kids understand their significance and promote the Indian culture.



## AASHAYIN "THE LIFE SAVIOURS"

Aashayin-The Life Saviours, 13 Years and 16667 units collected and counting continued.

The Life Saviours, a non-profit student organization, one of the eminent initiatives of JECRC University, has served well for the social cause of SDP as well as Blood Donation. The members associated with this club are available 24x 7 and patients suffering from any type of blood related diseases, have been profited by the hardworking team members of this club. The club is collaborated with many Jaipur based hospital, which contacts the respective team member of the club for the emergency cases. Aashayin has put the benchmark in state of Rajasthan for the maximum number of units of blood donated.

Students of the team never cared about the pain. Love with unlimited blessings they gained. Succoring needy all the time, their work is always appraised supreme and sublime. A hero's strength does not come from physical capacity. It comes from an indomitable will. A will that voluntarily donates a drop to shower rain of happiness. Unlike thousand heads bowing in prayer they give pleasure by a single act.

JECRC University has maintained its linkage of blood donations and saving life by organizing its 14th annual blood donation camp at all the two campuses at JECRC Foundation on 21 September, 2019 which was coordinated by Aashayin. The Life Saviours, Camp started and inaugurated by our chief guest Mrs Bina Desai, JECRC foundation and collected 1545 units of blood this year. All the students, faculties and guests were very enthusiastic while participating in this camp and made this a great success and a memorable one.



## Soch "Kuchh Ker Dikane ki"

Social awareness is a crucial element of a child's education. Students who are socially aware and sensible can recognize the resources available and use them to address the need of the society.

With this objective, JECRC University runs a socially responsible initiative **SOCH** club, (Soch, kuch ker dikhaane ki). It takes the students directly to the society. Socially aware students are more open to engaging and communicating with other students in the university and in the society too.

We consider that, students need to have a Constructive classroom environment in society too, Stronger connections and relationships with all the strata of the society. Stronger emotional intelligence, perspective

taking, Social capital, Cultural proficiency etc. In this regard, SOCH club organizes several social awareness campaigns i.e. Swachh Bharat Campaign activity, Clean Water and sanitation awareness campaign, Beti Bachao awareness campaign in Jaipur city.

Community awareness is a two way learning process for SOCH volunteers and society too. In this process, they come to know about the harsh realities of the life. Also, society becomes aware of various social issues through these awareness campaigns.

## SUHASINI

### Suhasini : An Initiative to save the smile of Girl Child

With deep humility, JECRC firmly believes in the notion of serving the society. From the last 10 years, students at JECRC have been consistently working to realize the same thought, not just to build successful careers but also to become responsible citizens, bringing a positive change in the society through various student driven social initiatives which has four verticals namely Zaurat, Aashayin, Suhasini and Soch that aims at providing knowledge and support to the deprived and needy sections of the society.

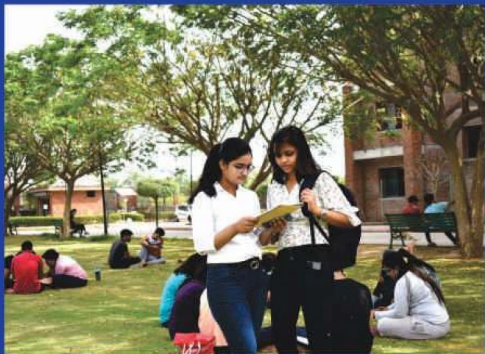
Suhasini - "A vision and mission to make a better place for girls to live in", students of JECRC laid the foundation of SUHASINI on 24th January 2015 (National Girl Child Day). Since its formation, the group is working actively and dedicatedly for the cause "BETI BACHAO, BETI PADHAO."

Suhasini is a social initiative of JECRC Foundation which works to save the smile of girl child. We work in 8+ villages, and 10+ government schools, connecting more children to mainstream education. We also conduct road shows, Seminars and Presentations on Women Health and Hygiene, Celebration of International and National Girl child day, Self Defence Training to spread the message of women empowerment.

The education of women is the best way to save the environment giving powers to shape our future and change lives. We at JECRC handhold the girl child in educating them to set an example that a woman is never less than a man and can touch any heights in any field she wants.

The girl child are the one who are made up of courage, determination, sacrifice, commitment, talent and love. Let's create an atmosphere of love, peace and equality for them.

## "BETI BACHAO BETI PADAU"



## EVENTS

### 100 DAYS STUDENTS ACTIVITIES @ JU

JECRC University's 100 Days Activities is an Orientation Program which plays an important role for providing 'Content beyond syllabus'.

Students learning outside the classroom can be used to facilitate education for sustainable development. In designing 100 days activity planner we aim to extend classroom learning and let students have all round development which include intellectual, physical, moral, sensible and social development.

In the past year around, all faculties i.e Science, Engineering, Law, Hotel Management, Design and Mass Communication together conducted more than 100 activities with which includes a range of activities categorized as intra departmental, inter departmental, team building activities, leadership building, and leisure activities. The main idea behind the concept of conducting 100 days activities for first year students is to make them familiar with the evolving environment and adapting generation where they can develop their ability to deal with uncertainty, provide challenge and the opportunity to take acceptable levels of risk, improve young people's attitudes with improved academic achievements.

We achieved a great response and active participation from the students. They were quite comfortable to share their views freely without any language barrier, communication gap, etc. It enhanced their communication and leadership skills by sharing their view point without any hesitation. This activity schedule helped students in learning with fun.

- Improving academic achievement.
- Providing bridge to higher order learning.
- Developing skills and independence in a wide ranging environment.
- Making learning more engaging and relevant to young people. Developing active citizens and stewards of the environment.
- Providing opportunities for informal learning through play.
- Reducing behaviour problems and improving attendance.

### STUDENT LEADERSHIP DEVELOPMENT INITIATIVE

It is commonly said that "Managers do things right while LEADERS do the right things". With this in mind, the University has launched the **Student Leadership Development Initiative** with the aim to foster the spirit of budding leadership among the student community. The initiative is being driven by the **Student Leadership Development Cell (SLDC)** headed by **Major General T K Das VSM (Retd)**. The charter of the cell includes lecture sessions, leadership capsules, camps, live interactions and many more. Eminent personalities from all walks of life viz. entrepreneurs, sports personalities, defense services personalities, change-makers of the society and who have excelled in their lives and have made a difference by contributing to the betterment of the nation at large and the society, in particular, are invited as the guest speakers in the sessions conducted by SLDC.

Under the initiative, the following events have been conducted:

- Orations by **LT Gen Syed Ata Hasnain (PVSM, UYSM, AVSM, SM, VSM & BAR)** on 'National Security Perspective', **Mr. Mohammad Imran Khan** on 'Journey to the Digital World' and by **Mr. N K Chaudhary, Director Jaipur Rugs** on 'Journey to Social Entrepreneurship'
- A short entrepreneurship development trip of Abhyudaya Group (Social initiatives' group of JECRC Foundation) to Barefoot College, Tilonia - founded by **Padma Shri, Mr. Bunker Roy**
- A visit of Abhyudaya Group to **Bal Ashram** (rehabilitation and training center of Bachpan Bachao Andolan started by **Nobel Prize awardee Shri Kailash Satyarthi**)
- A visit of IAESTE Interns to **Barefoot College** - founded by **Padma Shri, Mr. Bunker Roy**

Association with such eminent institutions have accrued the benefit of internship of JECRC University students at **Jaipur Rugs & Barefoot College**. We are planning to get into a major collaboration with such institutions to help the society surrounding us to develop through the methods adopted by these institutions. We believe that the development of a society can happen if the people are able to identify their own problems and we can help them solve the same using technology.



## ISRO (INDIAN SPACE RESEARCH ORGANIZATION)

Science is for those creative minds that believe 'Nothing is impossible to a willing heart'.

Indian Space Research Organization (ISRO) came to Rajasthan for the second time with an open for all exhibition of models of their latest satellites and rockets and they had chosen JECRC University as the venue. The Exhibition aimed at creating awareness about Space Science & Astronomy among school students. The ISRO exhibition certainly provided exposure to students & ignited an interest in them about the fascinating world of space science & technologies. Apart from technological capability, ISRO has also contributed to science and science education in the country. Various dedicated research centres and autonomous institutions for remote sensing, astronomy and astrophysics, atmospheric sciences and space sciences in general function under the aegis of Department of Space. ISRO's own Lunar and interplanetary missions along with other scientific projects encourage and promote science education, apart from providing valuable data to the scientific community which in turn enriches science, the centre of attraction were the miniature models of Satellites that have been put into outer space by ISRO. Among these satellites, were those sent for purposes like communications, weather, remote sensing, navigation etc. A model on Mars Orbital Mission was also liked by the visiting school students. Models of the Satellite launch vehicles used by ISRO like Polar Satellite Launch Vehicle (PSLV) & Geo Synchronous Satellite Launch Vehicle - GSLV & the latest GSLV Mark III were also exhibited. Nearly 20,000 students from as many as 250 schools across the state descended at the venue to know more about outer space & India's space missions. Sixty colorful panels related to space science were put up. A majority of these included ones which explained in detail about achievements of India in space & enumerated their importance. There were many panels which explained fundamentals of space science & science in general to help young minds grasp the main concepts behind Space science. The students were fascinated by the large number of informative panels about ISRO history and technology and the models of rockets and satellites. The knowledge on space sciences was shared by ISRO scientists through student volunteers. The volunteers not only explained the exhibits but also managed all aspects of administration of the exhibition.

## PROTSAHAN

JECRC University aims at creating valuable resources for industry and society through its interventions in knowledge creation and dissemination. JECRC University has created a work culture of research led innovations, academic and professional enhancement and overall personality development. Being a responsible Institute of the society, We have made thousands of school students realise their potential and nurtured to new heights in their field of interest.

**JU organised 6th Edition of "PROTSAHAN" which is a 2 Day Techno-Scholastic Festival for school kids on October 15 and 16, 2019 at JECRC University, Jaipur.** Protshan'19 held under Academic Relations & Outreach department of JECRC University. Various competitions like Drawing, Quiz, Mann Ki Baat (Debate), Master Chef, Jewellery Design, Startup workshop, App Development, machine Learning, etc. along with sports like volleyball, football, basketball, American Football, Table Tennis and chess were conducted where students endeavour to compete with the teams participating from all across the state. Winners were rewarded with attractive cash prizes and certificates and trophies. **In the past 5 years, we had garnered more than 10,000 participants from more than 200 schools of Rajasthan.**

## RHYTHM-JUTECHNO BUSINESS CULTURAL FEST

"JU Rhythm - Beats of Imagination" is one of the largest techno business- cultural-workshop fest that has developed over the year into so much more: a melting pot of Indian and Global culture, a launch pad for upcoming techno freak, a showcase of spectacle. JU Rhythm is all about uniting the power of Ideas with the spark of intention. We strongly believe that every mind has the capacity to a better alternative out of every life. We bring a platform where in the youth can come together to explore new paradigm in creativity; which is the bedrock of all growth. JU Rhythm each year brings a fresh vibe among everyone and enthusiasm is next level. The rising slope of participation graph makes us to expect more and the most promising one. With hundreds of exciting events, JU Rhythm promises to be a delight for every palate. Big names like Ranbir Kapoor, Ajay Devgan, Kareena Kapoor, Rajkumar Roy, Ali Zafar, International DJ Teri Miko, VHI supersonic artists and many more have graced JU-Rhythm with their presence. The extravaganza hosts international artists, competitions and much more, all packed into one epic cultural fest!

JU-Rhythm strives every year to create unique and unforgettable experiences for everyone that comes in contact with it. We seek to change perceptions, expand possibilities and serve as a reminder that things are not always as they seem to be. This fest seeks to serve you an unforgettable journey filled with surreal experiences, mind expanding perception shifts, and an invigoration of the wonder that is the human experience. It has set higher benchmarks in multifarious domains of culture, providing its participants a platform to promulgate their talent and explore their passion in the field of Drama, Music, Arts, Literature and dance. The Fashion show, the Rock Band, RC Car, Robo war, Street play, Dance Beat and pro nights covers most of the dimensions of presentable arts.







# WONDER OF WORDS "WOW" THE LITERARY EXTRAVAGANZA

University believes the arts have the power to transform lives and that they should be available to all. Wonder of Words" (WOW), A literary pageant further this mission through a series of literary events that explore the power of language and the imagination. WOW features a range of internationally renowned Authors, Travellers, Futurologists, Academicians, Journalists and Scientists. The legacy started in 2013 and has been privileged by the grace of presence of more than 50 dignitaries from 25 countries. The students are given an opportunity to interact with these stalwarts from the fields of Arts, Music, Literature, Media and Academicians and gain an insight about their achievements in the areas of interests. JECRC University has always strived to promote qualified learning in Engineering, Sciences, Management, and Humanities. It manifested that the University focuses not only on the curriculum but also seeks to upraise each and every student's growth. JECRC in the last eight editions of "WoW" has witnessed the following personalities at the campus:



WOW has gathered talent from across the globe to present writers of genius as diverse as the great literary critic Kota Neelima, travel writer Shereen – El – Feki, journalist Mary Harper and the theoretical particle physicist Lisa Randall. We import some of the world's most admired poets playwrights and novelists, Galina Lazareva, Sheniz Janmohamed and Historian & Panelist, Om Thanvi, Prtha Mittar and Carlos Rojas. This event witnessed the presence of Sholeh Wolpe, Easterine Kire, Forrest Gander and Anand Neelakantan in year 2020.

In the year 2021 in spite of the COVID 19 breakthrough in the world the 9<sup>th</sup> edition of WoW21 has been organized in the virtual format. The first day interactions had with Mr. Ajay Sood a dotting wild life photographer and blogger. His insights into travelling, food and photography left the students spellbound.

The second day interactions had Mr. Abhishek Mudgal, a renowned theatre artist. His narration of a self-composed story motivated many JECRCians to narrate stories on topics ranging from lockdown scenario during COVID 19 to narration of stories in the regional language. Another interactive session on the same day had Ms. Annie Zaidi, an essayist from India. The audience was quite moved by her thoughts on Genesis of Gender Bias, religious scriptures and soft speaking skills.

The third day i.e. 10<sup>th</sup> of March witnessed an exhibition of films by JU Students. The guest of the day was Mr. Ravi Kant Sharma, a freelance director. The session titled "Chalchitra Aaina Samaj Ka" had the director interacting with the budding film makers of JECRC.

The aim of WoW is to collaborate the speaker's experience and ideas with the curiosity of the students for a better facilitation of the institution and restore the interdisciplinary vision of the event. The aim is to make learning timeless.

Sheniz Janmohamed – Poet, Canada
Bhavya Kaushik – Writer, India
Andrew Lycett – London
Mary Harper – London
Andrea Di Robilant – Italy
Vikram Sampath – India
Imogen Edwards Jones – UK
Ray Monk – Philosopher , UK
Shereen – El – Feki – Journalist, UK
Russel Pullan – writer, UK
Carlos Rojas – Historian, USA
Prtha Mittar – Historian, USA
Rana Mittar – Historian, USA
Peter Godwin – Journalist, Zimbabwe
Lily Wangchuk – Politician, Bhutan
Ashwin Sanghi – Writer, India
Auroni Kashyap –Writer, India
Prof Dave Golsan – Academician, UK
Dr. Meena Kandasami – Writer, India
Hansda Sowendra Shekhar – Writer, India
Om Thanvi – Historian & Panelist, India
Anand Neelakantan – Author, India
Easterine Kire – Poet & Author, Norway
Ajay Saxena – Youngest Author, India
Sahil Maqbool – Writer , India

Prof. P. Raja Rao – Academician, India
Alka Sarangi – Poetess & Writer, India
Alvin Pang – Academician, Singapore
Rachel Kelly – Writer, UK
Deepa Agarwal, – Writer, India
Prof Frank Trentmann – Academician, UK
Prof. Lisa Randall – Physicist, UK
Kota Neelima, Author , India
Josh Steinbauer, Music Composer, US
Abeer y. Houque, Author, Bangladesh
Galina Lazareva, Poet, Russia
Tony Maniatty, Media producer, Australia
Brigitte Uttar Kornetzky, Film Maker, Switzerland
Dr. C.P. Deval, Padamshree Sahitya Academy
Meghna Pant – Writer & Publisher
Deshna Mehta – Art Director, India
Shabri Prasad Singh – Writer & Activist
Dr. Suchita Malik – Writer & Academician
Henriette Rostrup – Writer, Denmark
Dr. Ahdaf Souief – Key political commentator & Writer
Sholeh Wolpe – Iranian – American poet, Iran
Forrest Gander – Novelist, USA
Ajay Sood – Wild Life Photographer and Blogger
Abhishek Mudgal – A Renowned Theatre Artist
Ravi Kant Sharma – A Freelance Director



## YOUR HOME AWAY FROM HOME

Planning and development of the JECRC University campus underscores our belief in creation of a sound infrastructure for both learning and living. The JECRC University has excellent academic and residential facilities that make up a vibrant campus.

The style of the buildings is unique with large rectangular and linear structures dotted around the 32 acre campus with large courtyards. It has been designed keeping in mind the climatic conditions, still connecting the past with modern and contemporary design. The concept of the JU building and landscape is to create an environment with liveliness as a playground for dreams and a place for inspiration to the students. The campus is built to bring together world class experience which truly represents the character of the University. This commitment reflects in everything that you see here – architecture and layout, landscaping, training and technology infrastructure, residential and recreational facilities. The design of the campus demarcating different zones – Residential, Public Buildings and the Academic blocks breaks the monotony with a transitional space and experience.

A striking highlight of the campus is the classical style exposed brick-wall buildings with sun-lit and well ventilated interiors which divulge a monumental structure. The cavity wall exposed brick concept ensures that the building gives a temperature difference of almost 8 to 10 degree between the indoor and the outdoor temperature. Adding to the social aspect of green movement natural materials like traditional Kota and Jodhpur stones are used. The identity of the campus are large courtyards between the buildings and the presence of more than 90 different species of plantation around the campus.

This green, energy efficient and eco-friendly campus design goes beyond just the buildings. Beautiful landscaping, choice of shrubs and trees, water harvesting and recycling and waste management practices are in line with a Green Campus. JU is a zero waste campus with the recycling of water used for irrigating the large courtyards. Rainwater harvesting ensures that each drop of rain is conserved. At JU, students may choose to live in the residential housing at the campus itself, soaking in the vibrant neighbourhood or they can live off campus as paying guests in the city area.



## RESIDENTIAL FACILITIES

In-campus residential facility for students has been very thoughtfully designed and planned. Each unit in the JU Hostel Complex allows privacy and personal space to a student while giving a chance to live together and foster comradeship. Just as in apartment, three / four private, single occupancy rooms open into a common living room equipped with a television set ( optional in AC rooms), internet access. The hostels are air-conditioned, comfortable and conducive for the students to have a productive campus life, providing a perfect setting for academic pursuits.

Hostels are provided by the University for the convenience of students. In order to ensure proper utilization of the hostels and to maintain the facilities for comfortable and orderly life for the students in the hostels, there is need to lay down rules and regulations for the hostels. This document lays down these rules and will be called "Rules and Regulations for JECRC University Hostels".

Separate hostels are maintained for boys and girls. The mess and dining facilities may be common. All students will adhere to the rules. Hostel rules & regulations are available on JECRC University website, [www.jecrcuniversity.edu.in](http://www.jecrcuniversity.edu.in)



## RULES FOR ADMISSION

- **Hostel will be allotted for a minimum period of one academic year, i.e Two Semesters.**
- The allotment of rooms will be made by the **Dy. Director Hostels/Chief Warden** based on the applications submitted by the candidates.
- Admission and continued stay in the hostel will depend on academic performance, good behaviour and conduct of the student.
- The students shall stay in the allotted rooms. Change in rooms will be allowed only with the prior permission of **Dy. Director Hostels/Chief Warden**.
- The hostellers with chronic medical problems may be asked to vacate the rooms as personal medical care by parents / guardian may be necessary.  
If a student is **expelled / suspended** from the **University/Hostel** for any reason he/she shall immediately vacate the hostel on the day of expulsion / suspension from the University/Hostel. His/her continuance in the hostel will be treated as unauthorized occupation. **No refund** will be made in such cases and outstanding fee will be recovered in full.

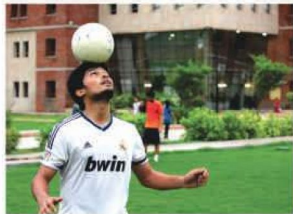
- The hostellers themselves are personally responsible to safeguard their belongings. They are not to keep too much of cash or valuables like gold, costly wristwatches etc., in their rooms. They should also take care of their wallets, calculators, mobile, Laptops and books. In case of theft or loss of any items, it should be reported to authorities. The hostellers are advised to keep their rooms, boxes, suitcases, cupboards, etc., securely locked with good quality locks.
- **Admission and Continuation of stay of a student in the hostel is subject to the discretion of the Hostel Administration.**





## SPORTS FACILITY

JECRC University houses a wide variety of intramural sports, which are available for graduate students, faculties, and staff members. It fosters physical development through various indoor and outdoor sporting activities. Sports offered are Football, Basketball, Volleyball, American football (tackle & flag), Cricket, Badminton, Table tennis, kabaddi, chess etc. Further University also has well equipped gymnasium, which paves the way for healthy lifestyle for the students. Numerous sports activities are conducted in the total area of 35000 sqm. Participating in sporting activities has left for the students - skills for a lifetime. Skills sharpened for the student outside the classroom, are abilities which include leadership, teamwork, responsibility and respect. The five Ss of sports training are: stamina, speed, strength, skill, and the greatest of course is spirit which undoubtedly keeps the JECRC teams going. The university conducts a national sports event "JU VERVE" in order to enhance and acquaint the capabilities of hidden athletes. Additionally, numerous individual national collegiate championships have been won by a variety of athletes. Students are trained to compete in intercollegiate, state and national events by the experience coaches. The university encourages and imparts game awareness to those interested in specific sports through professional guidance and coaching.



## JU VERVE

The University organizes a three-day Inter University National Sports fest named 'JU VERVE' in the following disciplines American football, Basketball, Gully Cricket, Football, Cricket, Flag football, Chess, Table Tennis, Volleyball, Kabaddi, CSGO, FIFA, and NFS for boys and girls. More than 1500 participants from across the country participate in the event where cash prizes worth 2.25 lakh and certificates were given to the participants.



## COACHES

In order to pump that extra adrenalin into the athletes, JECRC University has some Internationally Renowned Coaches who train the students in various games Mr. Sayed Miraj Ali our Football coach is National level player and has played National Youth Football Championship in 2003-04. He is a member of AIFF and also made Rajasthan won Gold in this event.

Mr. Himanshu Swami our American Football coach (tackle) is the Head Coach for the Pro Team of Rajasthan. Has also played Pro League held in Sri Lanka in 2012. Mr. Shushil Sharma our coach (flag) is the head coach of the JU eagles team of JECRC University.



## MESS & CAFETERIA

The Students' Mess next to the hostel complex offers excellent multi-cuisine food to the campus residents. The centrally air-conditioned dining area is supported by Kitchen, Mess and Cafeteria. The complex also envisages to house convenient stores to meet the daily needs of the residents. The residential facility is comfortable enough to ensure that students don't feel that they are away from home.

## TRANSPORT

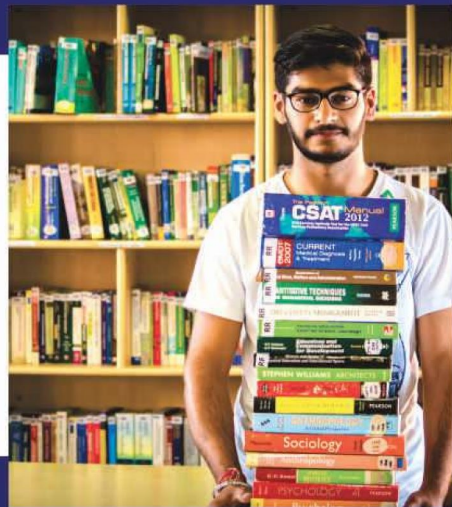
The University has its own fleet of buses for the students and faculty which covers the entire city of Jaipur. The campus is well connected to all parts of the city through public transport and has close proximity to other urban conveniences.





## INTRODUCTION OF FACULTY

- Faculty of Engineering
- Faculty of IT & Computer Applications
- Faculty of Management
- Faculty of Hospitality & Hotel Management
- Faculty of Journalism & Mass Communication
- Faculty of Science
- Faculty of Allied Health Sciences
- Faculty of Law
- Faculty of Design
- Faculty of Humanities



**Dr. Ram Rattan**  
Pro. President, Dean  
Faculty of Engineering



## FACULTY OF ENGINEERING

M.Tech. (IIT Delhi), Ph.D. (IIT Delhi) Ex-Outstanding Experience : Teaching 9 yrs.  
**Industry 35 Yrs.** Associate Director, Space Applications Centre, Adviser/ Chairman to Space Applications Centre /ISRO Projects, Adviser/Chairman to DRDO Projects.  
**Specialization & Research Area :** Space Technology, Design of Remote Sensing Cameras for Satellites  
**Publication :** 6 National, 20 International.  
**Special Achievement :** 50 Satellite Cameras, Developed for Indian Space Research Organisation (ISRO).  
**Awards :** Astronautical Society of India (ASI) award for space craft and related technology. The award was presented by honourable Prime Minister Mr. H.D. Deve Gowda, Performance Excellency award given by her highness president of India, Mrs. Pratibha Patil

We, at JU are committed to ensure holistic development of our learners who are going to be at the leadership positions in the coming years. We inspire our learners to build their own world and a life based on power of knowledge coupled with strength of traditional wisdom unleashing the countless opportunities to become leaders pushing the frontiers of Science and Technology to embark on an enduring development journey. The learning at JU ignites an irrepresible will to win backed by contemporary innovative ideas and global outlook.

We offer our students a rich educational experience, an experience that marries intellectual rigor and cross-disciplinary breadth in an intimate, student-centered environment as part of our commitment to engineering education innovation and interdisciplinary research. Research is an integral part of this experience. Our close collaborations with industry leaders like M/s BOSCH, Microsoft, IBM, INTEL, SMEs, CIL and TCS etc and other Centers of Excellence in India like IITs, NITs, TIMES Academy, CAD centre and abroad like Tennessee Tech University, Alabama University and Cranfield University along professional schools create a wealth of research options. Our undergraduate and graduate students are encouraged to work together on projects. Hands-on research and project based activities provide our students with extensive laboratory and design experience, as well as close interaction with exceptional faculty at the forefront of their ends.

Through dynamic and innovative curricula, a teamwork approach and leadership-building experiences, JECRC students gain vital communication and critical-thinking skills. They also be net from the diverse cultural and intellectual climate of the JECRC campus with students and faculty from 20 different states. Our women engineering student body and faculty confirms to the welcoming climate for traditionally under represented groups and offers an exclusive perspective

to our students. Our students also avail themselves of a huge array of curricular and extracurricular activities, in addition to the opportunities for research experience. The university has introduced open electives from the field of Arts and Management and other community based courses for overall development of students. Through Zanurat program, many of our students participate in community outreach programs. Engineering students also participate in Entrepreneurial Leadership Program and avail themselves of a variety of experiences including study abroad. Our talented and diverse faculty, who are among the most honoured nationwide and have memberships and fellowships in various professional bodies and societies, as mentors constantly shape up the students to realize their true potential and nurture them consistently to realize their unexplored abilities and hidden talents.

A lot of students are taking six months training in prime institutions/organizations like ISRO, DRDO, etc which are open to only selected students in country, but we have been able to get many students trained in the highest technical areas in their type of organizations. Once they are trained in these organizations their vision changes all together, for life. I invite you to enhance your capabilities to exploit your true and full potential with the School of Engineering, where you will discover not only engineering excellence, but also a campus alive with round-the-clock Cultural, artistic, and intellectual activity. I can assure you that being with JECRC University, you will end yourself better positioned than ever to address the grand challenges of the coming century.

It is prudent to mention here that University has been progressing well in the pursuit of research and DST has already awarded large number of projects to University for our cutting edge technology.

### Programs Offered by Faculty of Engineering

Program	Duration	Branches	Annual Fee	Eligibility
B. Tech.	4 Years	Computer Science & Engineering	1,85,000:-	Pass in Senior Secondary Examination (10+2) with minimum 50% marks in aggregate in all subjects with pass in English, Physics & Mathematics & one subject out of Chemistry, Biology, Biotechnology and Technical vocational subject from a recognized Board of School Education or equivalent. (Preference shall be given who has valid Score in JEE Mains 2021)
B. Tech.	4 Years	<ul style="list-style-type: none"> <li>• Civil Engineering*</li> <li>• Electrical Engineering*</li> <li>• Electronics &amp; Communication Engineering*</li> <li>• Mechanical Engineering*</li> </ul>	1,85,000:-	
B.Tech Computer Science and Engineering with Specializations	4 Years	<ul style="list-style-type: none"> <li>• Cloud Computing (Microsoft)</li> <li>• DevOps Automation and Cloud Computing (Kubernetes)</li> <li>• Artificial Intelligence and Machine Learning (Keras)</li> <li>• Full Stack Web Design and Development (Kubernetes)</li> <li>• Cyber Security (ISC Council, USA)</li> <li>• Data Science &amp; Data Analytics (Samsat)</li> <li>• Artificial Intelligence and Machine Learning (Samsat)</li> <li>• Computer Science and Business Systems (Collaboration with TCS - CSBS)</li> <li>• Artificial Intelligence and Machine Learning (IBM)</li> <li>• Internet of Things - IoT (IBM)</li> <li>• Big Data &amp; Data Analytics (IBM)</li> </ul>	1,85,000:-	Pass in Senior Secondary Examination (10+2) with minimum 50% marks in aggregate in all subjects with pass in English, Physics & Mathematics & one subject out of Chemistry, Biology, Biotechnology and Technical vocational subject from a recognized Board of School Education or equivalent. (Preference shall be given who has valid Score in JEE Mains 2021)
B.Tech. Lateral Entry	3 Years	<ul style="list-style-type: none"> <li>• Civil Engineering</li> <li>• Computer Science &amp; Engineering</li> <li>• Electrical Engineering</li> <li>• Electronics &amp; Communication Engineering</li> <li>• Mechanical Engineering</li> </ul>	1,85,000:-	IA) Passed Diploma examination from an AICTE approved institution; with at least 50% in appropriate branch of Engineering / Technology, IB) Passed B. Sc. Degree from a recognized University as defined by UGC, with at least 50% and passed 10+2 examination with mathematics as a subject. OR Provided that in case of students belonging to B. Sc. Stream, shall clear the subjects of Engineering Graphics / Engineering Drawing and Engineering Mechanics of the first year Engineering program along with the second year subjects.
M.Tech.	2 Years	<p><b>Civil Engineering with Specialisation</b></p> <ul style="list-style-type: none"> <li>• Structural Engineering</li> <li>• Transportation Engineering</li> <li>• Environmental Engineering</li> <li>• Construction Engineering &amp; Management</li> </ul> <p><b>Computer Engineering with Specialisation</b></p> <ul style="list-style-type: none"> <li>• Artificial Intelligence</li> <li>• Computer Science &amp; Engineering</li> <li>• Data Analytics</li> <li>• Cyber Security</li> <li>• Cloud Computing</li> </ul> <p><b>Electronics &amp; Communication Engg. with Specialisation</b></p> <ul style="list-style-type: none"> <li>• VLSI and Embedded Systems</li> <li>• Digital Communication</li> </ul> <p><b>Electrical Engineering with Specialisation</b></p> <ul style="list-style-type: none"> <li>• Power Systems and Automation</li> <li>• Electrical Drives and Power Electronics</li> </ul> <p><b>Mechanical Engineering with Specialisation</b></p> <ul style="list-style-type: none"> <li>• CAD/CAM Engineering</li> <li>• Thermal Engineering</li> <li>• Production Engineering</li> <li>• Design Engineering</li> </ul>	70,000:-	B. Tech with minimum 55% aggregate marks in related discipline. Candidates with MCAM Sc. IT may also be considered for M.Tech in Computer Science.

\* Fee of 50% of tuition fee shall be given to students having more than 60% marks in qualifying exam in the program B.Tech: Civil Engineering, Electrical Engineering, Mechanical Engineering, Electronics & Communication Engineering.

**Note:** Relaxation of 5% marks in minimum eligibility criteria shall be given to the candidate who belongs to SC/ST/Rajasthan state OBC Non-creamy layer / women category.



## Prof. Vivek Anand

(Eng.Ph.D.)-BITS  
Pilani Alumnus

FIE, AMASCE, MIWWA, MIPHE,  
MISTE Head of Department  
**Research Areas :** Groundwater/  
Hydrology and Environment  
**Area of Interest :** Construction  
Management, Contract  
Administration and Transportation

## DEPARTMENT OF CIVIL ENGINEERING

The Civil Engineering Department was established in 2012. The Department offers high quality teaching and research at UG, PG and PhD levels. Civil Engineering is known to be the oldest engineering discipline since the dawn of human civilization. From caves to skyscrapers, roadways to sophisticated railways and high speed expressways; Civil Engineering is ubiquitous. Civil engineering has evolved from humble huts to soaring multi-story buildings, massive dams, huge stadiums, complex transportation systems, etc. It involves planning, designing and executing infrastructural development works. The demand for well-qualified civil engineers has increased many folds owing to the socio-economic development and growing needs and aspirations of the masses.

The Department of Civil Engineering in JECRC University caters to the growing need of skilled and knowledgeable Civil Engineers for the infrastructure and real estate industry. The Bachelor of Technology program at the Department of Civil Engineering provides sound theoretical and practical knowledge to the aspiring civil engineers. The courses are designed to offer in-depth technical know-how, field experience, industry exposure and inculcate scientific thinking. The students are trained to think creatively, innovate and are encouraged to work on solutions of present-day problems faced by the society. Fully Flexible Credit System employed at the University helps to provide a wide spectrum of choices to the students.

The Department of Civil Engineering is well equipped with the human resource and the infrastructure required for training the students. The faculty members at the Department are from reputed institutions like IITs/NITs etc. Some of the labs in department are: Geo-tech lab, fluid mechanics lab, survey lab, building material testing lab, engineering geology lab, etc. Faculty and students have access to reputed journals in the library for carrying out research. This enables them to have an edge over their peer group in other engineering institutes in the region.

We focus on both practical and theoretical depth of knowledge. We strive on developing skill sets of students so that they can



become promising engineers in future. We believe that this approach to teaching-learning, coupled with practical experience gained during industrial visits and training in reputed organizations, equips our students to handle the challenges posed by the industry. Our aim is to produce proficient technocrats whose skills, innovative ideas and accuracy of knowledge can lead them to the path of success.

The department conducts Special / Invited Talks / Guest Lectures from eminent experts from Industry/Academia on latest emerging trends in civil engineering industry for the development of students and faculty. The department also conducts various Seminars / Workshops / Conferences from time to time and provides common platform for collaborative learning among students across the country. We maintain very good students, teacher ratio for personal attention and mentoring of all students. Faculties are highly efficient in cutting-edge research in the areas of Civil Engineering subjects like structure engineering, transportation, water resources, geo technology, surveying, rock mechanics and other related areas.

### M. Tech with specialization in Structural Engineering

Department of Civil Engineering offers M. Tech in Structural Engineering program includes advanced structural mechanics, finite element analysis, structural dynamics, structural reliability and optimization, reinforced and pre-stressed concrete, steel structures, design for wind and earthquake, tall buildings and towers, design for wind and earthquake, computer applications in structural engineering, etc. Structural lab, material testing lab, computer lab are available for the students. This programme empowers future engineers with a range of methods to analyse and design structures with quantifiable reliability over their design life.

Opportunities for structural engineers exist in the public as well as private sectors in large numbers in design, construction and maintenance, infrastructure development in both India and abroad such as tall buildings, roads and railways, bridges and power plants.

### M. Tech with specialization in Transportation Engineering

Department of Civil Engineering offers M. Tech in Transportation Engineering program involves planning, design, construction, operation and maintenance of transportation facilities. The facilities support air, highway, railroad, pipeline, water, and even space transportation. Transportation engineering includes sizing of transportation facilities, selection of materials and design of pavement and geometry of roadway.

Students are trained on the application of various software and programming skills for the solution of traffic flow and design of pavements problems for urban transportation issues and challenges.

Both public and private sectors across the globe are investing significantly in road development, airport construction, high speed railways, metro rail, bridges, water ways and many such infrastructure projects necessitating the need for transportation engineers.

### M. Tech with specialization in Environmental Engineering

Department of Civil Engineering offers M. Tech in Environmental Engineering program involves academic, research, planning, analysis and consultancy for designing of various municipal and industrial wastewater treatment facilities. This programme empowers future engineers with a range of methods to solve major environmental issues related

to pollution control in air and water and design of municipal/industrial wastewater treatment facilities as well as air and noise pollution control systems.

Graduates of environmental engineering would have a wide variety of employment opportunities in both the government, private and public sectors.

### M. Tech with specialization in Construction Engineering & Management

Construction engineers design and execute processes for building and maintaining the infrastructure of our world. The tools of the trade for today's successful construction engineer include strong math, science, and computer skills; creativity; an aptitude for applying science and engineering methods to solve problems; a love of building structures such as bridges, airports, buildings, stadiums, dams, and highways; an interest in working indoors and outdoors; initiative and a strong work ethic; the ability to collaborate with diverse people; good communications skills; and a desire to learn in a constantly changing environment.

Construction engineers work in an office setting or out in the field or mostly in both. Construction engineers have a wider choice ranging from the design aspect to the actual build phase of each project. There are many career paths to choose from with a degree in Construction Engineering namely - General contractors (bridges, roads, buildings, healthcare, data centres, sports facilities), Owners and developers, Mechanical/electrical contractors, Renewable energies, Consulting and design firms, Oil and gas industry, Aviation industry, Law firms, Planning and overseeing the construction operations of a project, contract administrators, procurement specialists etc. Students in the Construction Engineering and Management (CEM) program have the global opportunity as well.

### Placement Opportunity

The booming economy of India offers plethora of opportunities for the Civil Engineers in the Government sectors, Public sector as well as private sector. The Civil Engineers are in great demand to meet requirement for developing infrastructure. Following are few companies that recruit Civil Engineers: Govt. Sector - CPWD, State PWDs, State MRCS, State DAs, Railways, MES, BRO, NHAI, PHEDs, Irrigation Departments, Electricity Boards, AAI, etc. Private Sector - Larsen & Toubro, DLF, Tata Projects, Hindustan Construction Company, Gammon India, Unitech, Nagarjuna Construction Company, Shapoorji Pallonji & Co, GMR, Jaypee, etc.







### Dr. Naveen Hemrajani

Professor & Head of  
Department

Ph.D., M. Tech. : Computer  
Science & Engg. Allahabad  
University B.Tech.: Computer  
Engg., Shivaji University  
Experience : 28 Years  
Areas of Interest : Computer  
Networks, Cloud Computing,  
Software Engineering, MANET,  
Data Analytics

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Department of Computer Science and Engineering aims to deliver the best quality technocrats and engineering graduates, cutting edge research and innovative technology with the intent of reforming the society, on a regional and global level. The Department believes in uncovering new knowledge base endorsing innovative research that encourages entrepreneurship and economic development befitting education worldwide. The pedagogy adopted pave ways to exemplify interaction and formulation of a one-on-one rapport with the who's who of the tech industry, which not only creates a learning aura only to learn from them but also provides visibility to the career prospects of our students. The wing offers an array of undergraduates and graduates programmes in the computing arena. All degree programs trail the core principles of teaching with hands-on laboratory experience thereby preparing students for exciting careers in industry and academia. All the courses offered by the Department are designed keeping in mind the current need and anticipation of future requirements of the market and industry-leading towards the conformance of the students to the need of the hour. Our graduate programs are research-based, thriving on the broad range of active research conducted by faculty members in the Department. Routine conduct of a series of lectures by academicians and professionals of the highest repute periodically ensures the focus on the latest innovative technologies in the field of Computer Science and Engineering and Information Technology. 'Corporate Interaction Programme', Workshops & seminars on recent technologies are conducted regularly with the aim of establishing direct communication with the corporate world Computer Engineering Department at JECRC University emphasizes and focuses on cultivating an intrigue for development, design and maintenance of software as well as hardware systems. The zealous, qualified and experienced faculty members provide excellent academic mentorship and guidance. The faculty members are highly qualified with Doctoral and Masters' Degree entitled as Professor, Associate Professor and Assistant Professor.

#### Department Offers Following Courses:

B.Tech: Computer Science and Engineering (4 Years)  
B.Tech: Computer Science and Engineering with  
Specializations (4 Years)  
M.Tech: Computer Engineering (2 Years)



The departmental collaboration with Microsoft Corporation promotes leading-edge experiential learning accustoming the latest technologies for our students at the Microsoft Innovation Centre established at University. Professional affiliations and membership with the renowned learned societies such as ACM, USA/IEEE, USA/CSI India, IAENG USA etc. have seen rising numbers in pertaining to the count of faculty members and students. Department of Computer Science & Engineering at JECRC University has entered into an Exclusive Partnership with ADOBE to offer Digital Proficiency and Creativity skills using Adobe Spark.

This initiative would be a part of Adobe's national program 'Adobe Digital Disha'. Corporate Outreach cell, JECRC University has signed a MoU with the global leaders in the Robotics Process Automation domain (RPA); UiPath and Automation Anywhere. RPA works in the field of artificial intelligence that allows configuring of computer software, or a

"robot" to emulate and integrate the actions of a human interacting within digital systems to execute a business process. Bot Lab has been set up in association with Automation Anywhere to aid the learning with hands-on experiential learning. The students can also leverage the international internship opportunity under IAESTE India LC JECRC is the flagship student exchange program of JECRC University.

The Department has excellent computing facilities associated with peripherals and Software for effective learning. The Department has more than 400 computer systems in 10 computer labs for programming. The labs are equipped with the latest hardware and software. Separate Linux lab with the dual OS is realized with advanced Networking facilities. Industrial tie-up with Microsoft has been appropriated with the Platinum Advantage Centre of Microsoft. The department organizes various co-curricular and extracurricular activities such as Challenging contests, hackathons and more to inculcate social and professional proficiency in the students. Students are actively participated in activities conducted by Professional Societies like IEEE and CSI. There is an outstanding research environment in Technological Domain complemented by excellence in teaching. The state-of-the-art infrastructure and computing equipment are backed by high-speed Ethernet and wireless networks. The fourteen dedicated computer labs promote pragmatic learning. A comprehensive curriculum on topics related to all aspects of Computer Hardware and Software with an emphasis on practical and hands-on learning has been designed. The course structure is well acquainted and includes courses on contemporary topics to equip our students with the latest developments in Computer Science and Engineering. The curriculum is a blend of conventional and radical research. It is updated and refurbished regularly to keep up with the growing demands and the changing trends of the software industry and research laboratories. The programme follows an intensive course curriculum encompassing well-organized courses on basic sciences, computer science, computer engineering, electronics, management and humanities. The advanced curriculum promotes independent thinking and learning at an

individual's pace.

### Industry Specialization Course (B.Tech CSE)

JECRC University Jaipur aims at broadening the educational arena by offering add-ons to the existing system. The upcoming academic curriculum has been incorporated with specialization in degree courses for engineering discipline in association with Xebia, Samatrix.io, EC-Council, TCS, and IBM, global giants in IT services.

JECRC University Jaipur in collaboration with Microsoft, Xebia, Samatrix.io, EC-Council, TCS, and IBM through its education business will be enabling students in Rajasthan to become world-class technology experts in engineering discipline, by offering specializations under the B.Tech Computer Science Engineering programme thereby bridging the gap between academia and industry. The courses offered by JECRC University Jaipur that have been identified as a part of the collaboration are as follows:

#### Microsoft offers:

B.Tech. (CSE) with Specialization in Cloud Computing

#### TCS offers:

B.Tech. Computer Science and Business Systems(CSBS)

#### XEBIA OFFERS:

B.Tech (CSE) with Specialization in DevOps Automation and Cloud Computing

B.Tech (CSE) with Specialization in Artificial Intelligence and Machine Learning

B.Tech (CSE) with Specialization in full stack Web Design & Development

#### IBM OFFERS:

B.Tech (CSE) with Specialization in Artificial Intelligence and Machine learning.

B.Tech (CSE) with Specialization in Internet of Things.

B.Tech (CSE) with Specialization in Big Data & Data Analytics.





#### **Samatrix.io offers:**

B.Tech. (CSE) with Specialization in Artificial Intelligence and Machine Learning  
B.Tech. (CSE) with Specialization in Data Science and Data Analytics

#### **EC-Council offers:**

B.Tech. (CSE) with Specialization in Cyber Security

#### **M.Tech**

The M.Tech in Computer Engineering at JECRC University is a highly advanced post-graduate degree designed to build on an underlying background in science and technology. The full-time M.Tech programme is offered by the Department of Computer Science and Engineering with two disciplines. Duration of programmes shall be of four-semester duration spanning over a period of two academic years; wherein the first four semesters will include lectures, laboratory work and seminars. The student will devote the third and fourth semester on dissertation work related to their relevant area. Followings are the branches of specialization. First semester will be learn for all semester.

#### **M.Tech (CSE) with specialization in Artificial Intelligence**

Artificial Intelligence and machine learning is a broad discipline that promises to simulate numerous innate human skills such as automatic programming, case-based reasoning, neural networks, Fuzzy Logic, decision-making, expert systems, natural language processing, pattern recognition and speech recognition etc. Artificial intelligence and machine intelligence technologies bring more complex data analysis features to existing applications. Therefore, there is thrust in using machine learning approaches to build new solutions in the business. The curriculum is designed keeping in view the need of the industry. Students completing this course can opt for a career as Software analysts and developers, Computer scientists and computer engineers, Algorithm specialists, Research scientists and engineering consultants, Surgical technicians working with robotic tools, Medical health professionals working with artificial limbs, prosthetics, hearing aids and vision restoration devices etc.

#### **M.Tech (CSE) with specialization in Computer Engineering**

M.Tech. Computer Science and Engineering programme builds an advanced level of technological base in Computer Science and Engineering. It is aimed at preparing computer professionals for research, academics, design and development in hardware and software and co-design technologies. It enables students to analyze, design, develop and evaluate high-end computing systems, undertake challenging projects and carry out research activities. The graduates will attain employment in the field of research, academics, design & development in hardware & software and co-design technologies or any other closely related field.

#### **M.Tech (CSE) with specialization in Data Analytics**

M.Tech Data Science programme aims to develop computational and statistical skills for data-driven multi-

disciplinary problems. Data science integrates statistics and data mining techniques to develop methods to collect, process and extract meaningful information from large and diverse data sets. The M.Tech in Data science curriculum will prepare student in areas such as Machine Learning, Deep Learning, Data Mining, Predictive Analytics, large scale data analytics and Big Data. The usefulness of this course is in every industry, government organization, and Internet start-ups to financial institutions to handle big data projects at every level.

#### **M.Tech (CSE) with specialization in Cyber Security**

The main objective of this program is to train students to become information security professionals for the high-end jobs in the security industry. The objective of this programme is to create security professionals who will be handling the real-life problems and challenges the industry is facing today in connection to cyber security. The unique design of the Programme focuses on providing a high degree of industry exposure, academic and functional experts from the industry in this domain. This programme offers a brilliant career pathway to those who are passionate about knowing more about security challenges and solutions as well as practicing security analytics, cyber security, and related tools and technologies.

#### **M.Tech (CSE) with specialization in Cloud Computing**

The program focuses on technologies managing huge traditional and non-traditional data including temporal, spatial and multidimensional data. It also focuses on cloud computing concepts that feature subjects as well as projects that typically involve construction and experimentation with software prototypes. The aim of the programme is to produce postgraduates with advanced knowledge and understanding of Data Engineering and Cloud Computing, higher-order critical, analytical, problem-solving and transferable skills, ability to think rigorously and independently to meet higher level expectations of ICT industry, academics, research establishments or take up the entrepreneurial route.

#### **Placement Opportunities**

Skilled and proficient Computer Science and Engineering (CSE) professionals are in great demand both in India and overseas. Adverse range of career prospects is available to the graduates employing conventional and radical courses in Computer Sciences. Many pursue careers as system analysts, IT Managers, Software Engineers or consultants, while others use their degree as a springboard into a wide range of jobs in commerce, industry and government. This course aims to meet the ever-increasing demand of qualified engineers who can contribute to both the hardware and software design and electronic system. JECRC University alumni work extensively in areas including computer networks, embedded system, digital control systems, and telecommunications and cable TV systems. The computers have become an integral part of modern-day life and there are immense opportunities for Computer Science Engineers and good professionals can achieve unimaginable heights in their careers. Some of the companies where our students have been placed are Google, Microsoft, IBM, Accenture, Capgemini, TCS, ZS Associates, MindTree, Extramarks, SopraSteria, EY, Jaro, Biju's, Adnate IT, PayTm, Just Dial, Josh Technologies, Cisco Systems and many more. Computer Science Arena is open to the opportunities with Public Sector and Government Departments.





**Dr. Dinesh Sethi**  
Associate Professor and  
Head of Department

**Qualification :** Ph.D.M.Tech  
(D.O) & E (ECE)  
**Experience :** 20 Yrs  
**Research Area :** Microstrip  
UWB Antennas  
**Publication : International  
Journals :** 13, Conferences:  
10, Books: 6

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Geography and distance have become meaningless barriers due to Electronics and Communication technology which includes connectivity from various medias such as cell phone, internet, satellite enabling people to reach out just by a touch on button of their mobile phone or computer. The function of communication engineer is to plan, analyze, design, implement, operate, maintain and finally manage these systems and networks, which are as wide as the universe itself. Electronics & Communication Engineering Department strives for excellence in creating, applying, imparting knowledge in Electronics through comprehensive educational programs, research in collaboration with industry and government, dissemination through scholarly publications, and service to professional societies, the community, the state and the nation. ECE Department organizes various workshops, seminars and spoken tutorials for students focusing on domain-specific research, providing leadership throughout whole the year. ECE faculty continues to excel in conducting research at the forefront of Electronics and Communication. Their achievements and accomplishments have been widely acknowledged. The focus of our faculty on research continues to be complemented by a strong commitment to teaching. ECE faculties have attended various workshops and Seminars to enhance their capabilities. ECE students have emerged by participating, organizing various tech tests inside and excelled outside the university. They have shown excellence in academic field too. Many of our students have been volunteers for various social causes (e.g. Blood Donation, Zaratra). Many students have participated in various extra-curricular activities inside and outside the university. ECE students have done their summer training in various reputed organizations like ISRO, DRDO, JAGUAR, etc.

Department of Electronics & Communication Engineering offer B.Tech Course in Electronics and Communication Engineering and M. Tech Courses in "Digital Communication" and "VLSI & Embedded Systems". These Courses are designed

### Department Offers Following Courses:

B.Tech: Electronics & Communication Engineering (4 Years)  
M.Tech: Electronics & Communication Engineering (2 Years)



as per the industry requirements and lead to entrepreneurship and employability, this has in accordance with specified stake holder's feedback (Industry/Faculty interacted with outside world).

### Placement Opportunities

ECE students can get placements in Army, Railways, Telecommunication, Airport, Mobile companies like Ericsson, Airtel, Aircel, Vodafone etc., Public sector giants like DRDO, ISRO, BARC, BELL, BHEL, etc. IT companies like Infosys, TCS, CTS, IBM, HCL, BPL, etc. ; electronics core companies like Intel, Samsung, LG, Onida, Sony, Sansui, etc. and other areas like automation industry companies like Maruti, Honda, Hyundai, Nissan, Mahindra, Tata, etc., Refrigeration, Air Conditioners, Embedded System, Robotics, etc.

### Laboratories

Engineering education is piecemeal without laboratory practice. The overall aim of engineering education is to prepare students to practice engineering and in specific to deal with the nature of problems faced by society. The laboratory practice has been a key part of professional and engineering education; a laboratory is an ultimate place for dynamic learning. Students study in a real-world environment.

The Electronics and Communication department has well established state-of-art laboratories providing modern and sophisticated practical teaching facilities that are constantly upgraded and sufficiently equipped with the latest

instruments and apparatus. The motto is to provide students a conceptual as well as practical understanding of the subject through hands-on training.

The ECE branch has been provided with the following laboratories and workshops fully equipped with equipment & machinery.

- Basic Electronics Engineering Lab
- Digital Electronics Lab
- Electronic Measurement Lab
- Electronic Workshop
- Microprocessors & Microcontroller System Lab
- Communications Engineering Lab
- Basic Simulation Lab
- Digital Signal Processing Lab
- VLSI Design Lab
- Control System Lab
- Communication Networks Lab
- RTOS and FPGA Lab
- Embedded System Lab



**Dr. Ravindra Pratap Singh**  
Professor and HoD

Ph.D. (IIT BHU Varanasi)  
**Experience :** 27 Years  
**Areas of Interest :** Power  
Systems & High Voltage Engg  
**Books Authored :** 04  
**Research Publications :** 55

## DEPARTMENT OF ELECTRICAL ENGINEERING

The Department of Electrical Engineering has a fine blend of renowned as well as young and dynamic personalities as faculty members with 1:10 teacher-student ratio and is involved in providing quality education in electrical engineering. The faculty members at the Department are from reputed institutions like IITs/NITs etc. They are prominent in their respective fields with adequate experience to train electrical engineering professionals. The department maintains interaction with industry experts & academicians to update students' knowledge. Presently, the department is running the courses at both the Undergraduate, and the Postgraduate levels. Department is providing excellent facilities to carry out research work for Doctor of Philosophy (Ph.D.) degree, R&D work for sponsored and consultancy projects and testing and consultancy work for industrial problems.



## Course Offered

### B.Tech Electrical Engineering

The Department strives continuously for excellence in education and research through its vision to meet the challenges of new technological advances and to provide update knowledge in the state-of-the-art technology, re-orientation and up-gradation of the curriculum to the level of industry relevant learning and training. Department organizes regular visits to reputed industries and power stations. Laboratories are well equipped. Department offers four specializations for B.Tech-Electrical Engineering students (i) Hybrid and Electric Vehicles, (ii) Energy Audit and management, (iii) Computer Applications (iv) Entrepreneurship.

**Industry linked:** Certification Course- Energy Efficiency in Buildings and Industry (1 semester):

This certification course of one semester duration is offered for the students and professionals who wish to opt services or work as consultant for energy auditing, green building certification, Building Simulation, BEE STAR Rating, Sustainability Reporting, Social Designing & Carbon Footprint, and Indoor Air Quality Consulting in association with DESIGN 200CUPPANCY SERVICES LLP, JAIPUR.

**M.Tech with specialization in Power System and Automation.**

**M.Tech with specialization in Electrical Drives and Power Electronics**

### Eligibility

BE/B.Tech/or Equivalent in Electrical Engineering, Electrical & Electronics Engineering, Electronics & Communication Engineering, Instrumentation & Control Engineering, Electronics, Instrumentation, M.Sc Physics. Both the M. Tech programmes are designed to cope up recent developments needed by the industries. Applications of artificial intelligence in the electrical power industry provide

efficient and accurate operation of the system. Recent developments have been kept in the syllabus. Electrically driven vehicles are the future of transportation system and hence there is huge scope in research and development in the areas of renewable energy sources, batteries and control system for electrically driven vehicles along with other applications in the industries. M. Tech in Electric Drives applies a comprehensive understanding of advanced skills involved and know-how about the tools, designing and maintenance etc.

### Placement Opportunities

Electrical Engineering is a core branch dealing with the study and application of electricity, electronics, electromagnetism, generation, transmission and distribution of electric power, Solar Energy, Wind Energy and other renewable energy systems, Electric Drives etc. An electrical engineer works on design, development and testing of power stations, telecom systems and common use applications. It has vast scope of employment in Private Sectors like Reliance Energy, Adani Power, Sujlon, Tata Power, JP Hydropower, L & T, Crompton Greaves, TCS, Accenture, Infosys, Pinnacle, etc. Govt. organizations like RVNL, RVPNL, PVNGL, MPSEB, UPSEB, etc. public sectors like BSNL, MTNL, GAIL, NTPC, NHPC, ONGC, SAIL, etc. and Central Govt. Through UPSC such as Indian Engineering Services, Indian Railways, Indian Army etc. There are equally good opportunities for jobs in electrical engineering industry and higher education. There is lot of multidisciplinary research scope with great funding all over the world. Electrical engineers are in demand with employers within the US, Canada, Europe and Gulf Countries. This area of engineering covers a broad area and its graduates have a great deal of flexibility when it comes to a choice of careers. Workshops and Conferences which are being organized from time to time provide common platform for collaborative learning among students across the country. A number of student clubs like Zaurat, Zenith, Robotics, Green Building, and many more makes the campus life vibrant



### Dr. Pankaj Sharma

Professor and Head of Department

**Qualification:** Ph.D. (MNIT, Jaipur), M.Tech (MNIT, Jaipur), B.E.  
**Experience:** 24 Yrs  
**Research Area:** Advance manufacturing process, Process optimization in EDM, Industrial Engineering Product Design and Development.  
**Publications:** Papers Published: 18, Patents: 01

## DEPARTMENT OF MECHANICAL ENGINEERING

### Mechanical Engineering Department

Mechanical Engineering Department is one of the major departments of the University. Department is committed to well being and all round development of its students. The aim is to provide students with a perfect blend of intellectual and practical experiences that helps them to serve the society and address a variety of needs. The department offers undergraduate programs leading to B.Tech in Mechanical Engineering and post graduate programs leading to M.Tech in CAD/CAM. The department possesses modern laboratories equipped with the latest experimental setups and research facilities for the strength of materials, fluid mechanics, automotive engineering, thermal engineering, heat and mass transfer, flexible manufacturing system, Computer Aided Manufacturing, etc. Computer Aided Design Lab is equipped with latest systems and softwares like ANSYS, CREO/PRO-E, Autodesk AutoCAD Inventor.

The students are given hands on experience on CNC lathe and CNC milling machine. The department has been awarded a research project titled "Investigation of wear behaviour of polymeric dental material in acidic and fluid slurry media" by the Department of Science and Technology, Rajasthan. The department has well qualified faculty mostly recruited from NITs and IITs with numerous publications to their credit.

### M.Tech Mechanical Engineering with specialization in Cad/Cam Engineering

CAD/CAM and Design engineering is a specialization in operation, use and application of computer software to create design for a variety of industries. It is aimed at building drafting skills in electronic structures. M. Tech in CAD/CAM and Design imparts, through a holistic curriculum, skills to apply computer and scientific principles to solve problems related to manufacturing.

### M.Tech Mechanical Engineering with specialization in Production Engineering

M.Tech. Design Engineering is a postgraduate course aims to

prepare the aspirants for a leadership role in Research & Development or Design functions of engineering industries. Learners who pursue this program will acquire skills in Design Thinking, Math & Engineering principles, contemporary Computational Software and Project Management, which is necessary to lead Engineering & Research, functions of organisation.

### M.Tech. Mechanical Engineering with specialization in Design Engineering

M.Tech. Design Engineering is a postgraduate course aims to prepare the aspirants for a leadership role in Research & Development or Design functions of engineering industries. Learners who pursue this program will acquire skills in Design Thinking, Math & Engineering principles, contemporary Computational Software and Project Management, which is necessary to lead Engineering & Research, functions of organisation.

### M.Tech. Mechanical Engineering with specialization in Thermal Engineering

M.Tech. Thermal Engineering is a postgraduate course involving an advanced level-concepts of energy efficiency, renewable energy & environmental preservation, and their entwinement with classical energy technologies and recently discovered technologies. Enrolled candidates are trained in design, development, and simulation and to explore new areas in Thermal Engineering Systems and allied sciences. The first two semesters of the course involve theoretical subjects & laboratory sessions, while the third semester is about theory & project work and the fourth semester focuses fully on project work.

### Placement Opportunities

Mechanical engineers are highly in demand nowadays in the Manufacturing, Consultancy, R&D, IT Sectors, Power Plants, Textile Industries, Sugar Industry, Construction Projects, Railways, NBC, Steel Industries, etc. Also because of very high proliferation of automobiles in everyday life all over the world. Maruti Suzuki, Toyota, Volkswagen, Tata Motors, Hyundai, Mahindra & Mahindra, Ashok Leyland, Hindustan Motors, HAL, BHEL, Tata, L&T, are some of the indigenous automobile manufacturers in the country who are showing interest in our students. The automobile manufacturing industry is supplemented by original equipment manufacturers, such as JBM, Krishna Maruti, etc who frequently visit the campus for placement. Other fields are also open to these engineers, where they can find suitable jobs. Some of these areas are defense forces, space programme, atomic energy, railways, development, etc.



**Dr. Deepak Dembla**  
Professor & HoD



## FACULTY OF IT & COMPUTER APPLICATIONS

Ph.D. (CSE), M.Tech., MCA, PGDBM.

Experience : 21Yrs.

Research Publications : International / National Journals (56), SCOPUS Indexed Publications: 13

Achievements : Dale Carnegie Certified, Microsoft Certified

Faculty MTA, MCP, MCT, Google Cloud Certified,

Professional Membership : ACM USA, IACSIT Singapore, IAENG.

Recipient of "Principal & Teachers Awards 2018" for Outstanding Contribution in Education.

Area of Specialization : Cloud Computing, Information & Network Security, AI & ML, Web Semantics, Data Mining

**Ambassador.** Along with actively participating in various club activities, students are effectively running **ACM Student Chapter** and **IEEE Student Branch**.

The department has entered in to an MoU with the following Top Corporate for strengthening the technical experts resource pool in the latest technologies: Google Cloud Foundation Program, Alibaba Cloud Program Infosys, Salesforce USA.

The School of Computer Applications has taken a big initiative in this direction and has offered MCA and BCA degrees with various specialization.

### BCA (3 Yrs.) Normal

#### BCA (3 Yrs.) with following specializations

➔ **Specialization in Data Science and Data Analytics (In association with Samatrix.io)** BCA Students who are enrolled with Samatrix's Data Science and Data Analytics will be earning minimum 9 additional certificates.

➔ **Specialization in Cyber Security (In Association with EC Council- USA)** BCACyber security enrolled students, in association with EC Council- USA will walk out the door with security & ethical hacking skills that are in high demand, bundled with 3 globally recognized certificates:

- ECSS (EC Council Security Specialist)
- CND (Certified Network Defender)
- CEH (Certified Ethical Hacker)

➔ **Specialization in Cloud Computing & Full Stack Development (IBM)**

➔ **Specialization in Cloud Computing (Microsoft)**

➔ **Specialization in Full Stack Web Design & Development (Xebia)**

➔ **Specialization in AI & Machine Learning (IBM)**

BCA students who are enrolled with corporate connect program with IBM have access to 120+ Certification Courses on the IBM LMS Portal along with an exclusive access to the series of webinars and interactive sessions with IBM personnel.

A minimum of 9 certifications will be earned by students in **IBM's Cloud Computing & Full Stack Development** and likewise in **IBM's AI & Machine Learning**.

### MCA (2 Yrs.) Normal

#### MCA (2 Yrs.) with following specializations

- ➔ **Specialization in Cyber Security (In Association with EC Council- USA)** MCA in Cyber security in association with EC Council- USA privileges students with 3 globally recognized certificates: CND (Certified Network Defender), CEH (Certified Ethical Hacker) and CASE (Certified Application Security Engineer) The objective behind offering these programmes is to equip our future software developers with expertise in cyber security so that they can significantly contribute towards ground-breaking development and innovation in the field of cyber security & digital forensic.
- ➔ **Specialization in Cloud Computing & Full Stack Development (In Association with IBM)**
- ➔ **Specialization in Artificial Intelligence and Machine Learning (In association with IBM)**
- ➔ **Specialization in Cloud Computing (Microsoft)**

### Placements and School at a Glance

- ➔ Placements of BCA and MCA in TCS, Deloitte, Infosys, Tech Mahindra, L&T, Capgemini, Accenture, Wipro E&Y Global, TCS-DISO etc.
- ➔ Large number of students from BCA and MCA participated and got selected in the global programs like **TCS CodeVita** and **Google Summer of Code**, focused on bringing more student developers into open source software development.
- ➔ Record 235 student centric activities for professional grooming in last 6 years.

- ➔ Record 121 Research papers published by faculty of School, in renowned Journals including International journals of Springer, Elsevier, Taylor & Francis etc.
- ➔ Record 85% placements in MCA and BCA.
- ➔ Record 100% internships MCA in top notch companies like TATA, TCS DISQ, Py, Capgemini, Accenture, CDAC, Gensoft, Celebal Technologies, Fxite Pvt Ltd., Internshala.
- ➔ Record 54 % internship offers with good stipend.
- ➔ Record 75 % stipend linked internships converted in to placement offers.
- ➔ Record 72 internships drives conducted with 525 students' selections.
- ➔ Record 357 students completed their certification in Salesforce, Cyber Security & Ethical Hacking, Linux Server Administration and open source platforms.
- ➔ Regular ICT based FDPs for UPSkills, through JU-IIT Bombay Remote Centre/NITTTR, /EdX, CourseEra etc. Regular Activities under JECRC ACM Student Chapter – run by Students of BCA/MCA.
- ➔ Regular industrial visits are made to provide an exposure to the students about practical working environment and to make them aware about industrial practices before they land in corporate for internships.

### Career Opportunities after BCA/MCA:

Data Scientist, Digital Marketer, Web Developer, Software Consultant, Software Engineer, Cloud Engineer, Cloud Security Specialist, Cloud Developer, Full Stack Developer, Cloud Architect, Database Administrator, Machine Learning Scientist, Troubleshooter, Entrepreneurship, System Analyst, Software Tester, Programmer, System Engineer, Cyber Security Analyst, Security Architect, Cyber Security Manager, AI Developer, AI Engineer, AWS or Azure Data Scientist, Machine Learning Engineer.

### Programs Offered by Faculty of IT & COMPUTER APPLICATIONS

Program	Duration	Branches	Annual Fee	Eligibility
BCA	3 Years	Bachelor of Computer Application	90,000/-	Pass in Senior Secondary Examination (10+2) with minimum 50% marks in aggregate in all subjects with pass in English from a recognized Board of School Education or equivalent
BCA : with Industry Specialization	3 Years	<ul style="list-style-type: none"> <li>Cloud Computing (Microsoft)</li> <li>Full Stack Web Design &amp; Development (Xebia)</li> <li>Cyber Security (EC Council- USA)</li> <li>Data Science &amp; Data Analytics (Samatrix)</li> <li>Cloud Computing &amp; Full Stack Development (IBM)</li> <li>Artificial Intelligence &amp; Machine Learning (IBM)</li> </ul>	1,10,000/-	Pass in Senior Secondary Examination (10+2) with minimum 50% marks in aggregate in all subjects with pass in English from a recognized Board of School Education or equivalent
MCA	2 Years	Master of Computer Application	1,00,000/-	Minimum 50% marks in BCA / B.Sc. IT / B.Sc. Computer Science from a UGC recognized University.
MCA : with Industry Specialization	2 Years	<ul style="list-style-type: none"> <li>Cloud Computing (Microsoft)</li> <li>Cyber Security (EC Council- USA)</li> <li>Artificial Intelligence &amp; Machine Learning (Samatrix)</li> <li>Data Science &amp; Data Analytics (Samatrix)</li> <li>Cloud Computing &amp; Full Stack Development (IBM)</li> <li>Artificial Intelligence &amp; Machine Learning (IBM)</li> </ul>	1,20,000/-	Minimum 50% marks in BCA / B.Sc. IT / B.Sc. Computer Science from a UGC recognized University.

**Note:** Relaxation of 5% marks in minimum eligibility criteria shall be given to the candidate who belongs to SC/ST/Rajasthan state OBC Non-creamy layer / women category.



**Prof. (Dr.) Renu Pareek**  
Dean & HoD (MBA, B.Com.)



## FACULTY OF MANAGEMENT

Ph.D. (Management) University of Rajasthan  
MBA, DAVV, Indore

Experience : 20 years

**Research Area :** Marketing Management, Brand Management, Advertising Management, Total Quality Management, Six Sigma. Research Papers Published: 31, Seminar / Conference: 13, FDP/ MOOC: 15, Consultancies: 03, Book & Reviewed Written: 03

### Message of Dean Faculty of Management

The metamorphosis of business has led to the growing requirement of management professionals, who can acclaim fast changing world economic scenario. We at FOM, JU, intend to give impetus on interdisciplinary research and development for the benefit of industry and society through innovative practices. Our Faculties are committed to create an ambience for nurturing innovation, creativity and excellence in students. Apart from business skills, we focus on ethical and value based education. FOM mission is to develop human potential to its fullest extent so that they can emerge as intellectually capable and imaginatively gifted leaders in the field of business. We realize this through a multi pronged approach of revamping the programme responding to the changing needs of the industry, through selection of faculty with excellent academic record rich industry experience and maintaining strong interface with the industry. Going beyond academic excellence, our holistic training focuses on students' personality as an individual by laying emphasis on developing inter personal communication, business etiquette, time stress management, leader ship skills, communication skills, and entrepreneurial spirit with ethical principles. It serves as a tool for enhancing their self confidence and transforming them into smart and competent professionals.

Faculty of management, JECRC University imparts knowledge through Socratic Method approach like conceptual teaching, case study approach, role plays, group discussions, summer internship, corporate mentor ship, research projects, presentations, management games, industrial visits and workshops as per the rapid changing milieu, which not only stimulates free interaction but also kind of a spirit of deep enquiry in the young minds and helps to enhance their problem-solving and decision-making skills.

### Why Join Faculty of Management?

- A co-educational university imparting education to the optimum level.
- Ph.D. level competent and intellectual- regular faculty members and Guest lectures by eminent and experienced corporate personalities.
- The course curriculum is Industry Oriented and amended on regular basis.
- MDU with CII and established Young Indian Club that motivates students for a career in dynamic demanding corporate world.
- At FOM, the students hone up their skills to be future leaders by participating in various curricular and extracurricular activities, thus gearing up as event and project managers.
- Students led management clubs like Marketing, Finance and Human Resource which organizes various entrepreneurial and business events.
- Providing a platform to budding entrepreneurs, re enforcing entrepreneurial skills by interacting with successful entrepreneurs and encouraging innovative business plans coupled with support from angel investors/ venture capitalists and business plan competitions.
- Innovations, research and presentations are given utmost importance to groom students and to infuse the learning attitude in students.
- Student centric teaching & problem solving through tutorials classes. Domain related activities are conducted on a regular basis such as; Ad Mania, Finance and Business quiz, stock trading, business simulation etc.
- Laying the ground work on the personality development of students, the students are motivated to lead and manage various co-curricular activities, events thereby enhancing managerial skills in them.
- JECRC Foundation has excellent track record of placements in top companies.

### Programs Offered by Faculty of Management

Program	Duration	Branches	Annual Fee	Eligibility
BBA	3 Years	Bachelor of Business Administration	1,00,000/-	Minimum 50% Marks in 10+2 examination from CBSE or equivalent
BBA	3 Years	<ul style="list-style-type: none"> <li>• Banking Financial Service &amp; Insurance</li> <li>• Tourism and Hospitality Management</li> </ul>	1,10,000/-	Minimum 50% Marks in 10+2 examination from CBSE or equivalent
BBA : with Industry Specialization	3 Years	<ul style="list-style-type: none"> <li>• Data Analytics &amp; Data Visualization (Semester)</li> <li>• Business Intelligence (IBM)</li> <li>• Data Security (IBM)</li> </ul>	1,20,000/-	Minimum 50% Marks in 10+2 examination from CBSE or equivalent
B.Com	3 Years	Bachelor of Commerce	75,000/-	Minimum 50% Marks in 10+2 examination from CBSE or equivalent
MBA	2 Years	<ul style="list-style-type: none"> <li>• Human Resources</li> <li>• Marketing</li> <li>• Finance</li> <li>• Information Technology</li> <li>• Production &amp; Operation Management</li> </ul>	1,25,000/-	Minimum 50% Marks in Bachelor Degree of three Year duration from a recognized University or equivalent <b>And successfully qualifying GD-PI Process (Qualifying Exam CAT / MAT / XAT Preferred)</b>
MBA : with Industry Specialization	2 Years	<ul style="list-style-type: none"> <li>• Data Analytics &amp; Data Visualization (Semester)</li> <li>• IT &amp; Operations (IBM)</li> </ul>	1,45,000/-	Minimum 50% Marks in Bachelor Degree of three Year duration from a recognized University or equivalent <b>And successfully qualifying GD-PI Process (Qualifying Exam CAT / MAT / XAT Preferred)</b>
MSW	2 Years	Master of Social Work (HRM & IR)	80,000/-	Minimum 50% Marks in Bachelor Degree of three Year duration from a recognized University or equivalent. And successfully qualifying GD-PI Process

**Note:** Relaxation of 5% marks in minimum eligibility criteria shall be given to the candidate who belongs to SC/ST/ Rajasthan state OBC Non-creamy layer / women category.

### Seminar Industrial Exposure

Faculty of Management aims at framing students for the industries & services through holistic development. Many eminent speakers from the industry enlighten students with their ideas & expertise. During the interaction with corporate experts namely Ms. Prachi Natani, Assistant VP, Destuche Bank, Mr. Rajesh U.S., H.R. Manager, Cultifit; Ms. Manisha, Head H.R. Zaro Education, Mr. Himalaya Sethi, Manager H.R., Inststore, Mr. Atin Jain, Founder & Managing partner at Brooklyn World Travels; students had deep insight about their employability in today's demanding scenario.

Students grappled their brains during in house competitions of poster making, Ad mania, Talent Hunt, Skit, Extempore and business quiz. With the objective of making job creators rather than job seekers Faculty of management gives thrust upon igniting young minds to become successful entrepreneurs through series of expert & students interaction during Entrepreneurship Development week. Experts & entrepreneurs like. Students were exposed to -Heritage properties like Amber fort, Jaipur Fort Centre, etc. Students got exposure by volunteering in events in collaboration with CII, FICCI Rajasthan State Council on 17<sup>th</sup> January 2020.

Faculty of Management organized an Interactive Work shop on Financial Literacy in association with Institute of Financial Education, a division of National Stock Exchange. The experts for the session were Mr. Rahul Agarwal and Mr. Vikram. FOM stresses on holistic development of the students and in this regard organised Stress Management workshop facilitated by Ms. Jaya Rajawat, renowned author and fashion designer. To build socially responsible students, FOM celebrated the World Charity day on 5 September 2019 and the event was graced by

Ms. Sunita Jain, President, Blossom Charity Group. JECRC University organised an interactive session on Entrepreneurship on 20 January 2020. The session was graced by Mr. Amit Mishra, Founder, IDBVC and Mr. Salil Seth, Manager, Invest India. The students have gained deep insight regarding entrepreneurial skills through this valuable sessions. Students also got exposure through Department of Science & Technology (DST) sponsored IPR work shop organised by JECRC University. The work shop has given deep insight about IPR related issue and procedure to fill an IPR.

### Placement at a Glance

JECRC University has a strong track record of on campus placements. Students were given industrial exposures for placements with Berger Paints, Futures First, Trivium, LNJ Group, Axis Bank, India Mart, ICICI Securities, Asahi India, IDBI Bank, Unique Builders, Web Solutions, Angel Broking, ICICI Prudential, Sanchaytech, Reliance Capital, Rajasthan Patrika, Teleperformance, Just Dial, Appeal group, A U Financiers, CADD centre, Accenture, TCS, S&P Global Jar Education, Biju's, Alibab, Calvin Klein, Capegemini, LNJ Group, HDFC.

### Summer Internships

FOM, JU provides internship opportunities through it's academia industry interface in various organizations, such as KGI infra Pvt., Brand Mark Creation, Morani Motors, Greenfront, Amul, Karvi Stock Broking, HDFC Bank, AU Financiers, Hotel The Lait, Le meridian, Hotel Crown Plaza, Unique Builders, Ultratech Cement, Aditya Birla Group, Reliance Mutual Fund, Wonder Cement, RIICO, Reliance Communications, SBI Mutual Fund, AU Financiers.

## Master of Business Administration MBA (Dual Specialization)

The objective of the Master of Business Administration (MBA) course is to nurture and train future managers who take up challenges in the wake of global uncertainty; and inculcate the 'Think Global, Act Local' perspective. The emphasis on management education is to develop a "Learning Manager" who adapts to the contemporary environment. The program aims at honing the skills of students in business strategies and concepts, and skills in practical business situations. It aims at imparting specialization in two functional areas thereby, imparting management skills to the students, which makes them more adaptive for the fierce corporate sector. The course has strong industry interface and industry oriented pedagogy designed to develop critical skills needed for specific fields through Case Study Analysis, Simulation Exercise, Workshops, Seminars and Industrial visits. It integrates theory and practice in multi-functional framework to handle complex management issues through Project Work & Field Assignments. The rigorous corporate interactions make them acquire competitive edge for good employability.

### Salient Feature

The course aims at imparting specialization in five functional areas thereby, imparting those management skills to the student, which makes them more adapted and employable in corporate sector Dual specialization: Students can choose any two specializations of their choice from three specializations currently offered viz. Human Resource Management, Finance and Marketing Domain expert inputs: Experts in each domain are invited to speak to the students on the best specialization options for them.

### Specialization in MBA

- MBA in Finance
- MBA in HR
- MBA in Marketing
- MBA in Production & Operational Management
- MBA in Information Technology Management

## Industry Specialization Courses (BBA-MBA)

JECRC University Jaipur aims at broadening the educational arena by offering add-ons to the existing system. The upcoming academic curriculum has been incorporated with specialization in degree courses for BBA and MBA discipline in association with Samatrix.io, and IBM, global giants in IT services.

JECRC University Jaipur in collaboration with Samatrix.io, and IBM through its education business will be enabling students in Rajasthan to become world-class technology expert in BBA and MBA discipline, by offering specializations under the programme thereby bridging the gap between academia and industry. The courses offered by JECRC University Jaipur that have been identified as a part of the collaboration are as follows:

### Samatrix.io Offers

- BBA with Specialization in Data Analytics and Data Visualization
- MBA with Specialization in Data Analytics and Data Visualization

### IBM Offers

- BBA with Specialization in Business Intelligence
- BBA with Specialization in Data Security
- MBA with Specialization in IT and Operations

### MBA in Association -

#### Sunstone Eduversity

JECRC University- Faculty of Management is also offering MBA in association with Sunstone Eduversity. This degree would be offered following specializations:

- Insurance Management (Applied specialization)
- Business Analytics (Applied specialization)
- Logistics and Supply Chain Management (Applied specialization)
- Banking Operations (Applied specialization)
- Digital Marketing (Applied specialization)
- Operations Management
- Information Technology
- International Business



## Dr. Ruchi Goyal

Professor & HoD (BBA)

**Qualification :** Ph.D, MHRM,

M.A., NET & SLET

**Experience :** 21 years

**Research Area :** Human Resource practices, Employee satisfaction, Employee Commitment,

Managerial Economics, Business Environment and Business Economics. **Publication :** Research Papers 29

(26 International and 3 National).

**Books Authored :** 5 Case studies published: 5,

papers presented in conferences: 15

## Bachelors of Commerce (B.Com)

The learning outcome-based curriculum of 3 years B. Com program not only aimed at enabling students to seek knowledge, but also emphasizing creating knowledge, which will help students to become industry-ready with understanding the functioning and premises of the business world. In order to achieve this, the program offers opportunities for students to know different aspects of the fundamental knowledge of the areas related to finance, accounting, human resource management, international business, corporate and business laws, taxation, marketing financial systems, understanding of the economy, laws governing business, strategies adopted by business to reach to society, etc. This course helps students to acquire disciplinary knowledge, problem-solving skills, analytical reasoning, research skills, and managerial skills along with the capability to transform theoretical and conceptual knowledge into practical problem-solving approaches using critical thinking innovations in commerce and enhance their employability.

## Bachelors of Business Administration (BBA)

Faculty of Management understands the need to build a strong knowledge base of business management among our young generation. For the purpose we offer BBA degree, conferred after three years of full-time study in one or more areas of business niche. The degree is designed to give a broad and interdisciplinary knowledge of the functional aspects of a company and their interconnections while also allowing specialization in a particular area. The program includes core business courses and advanced specialized courses as follows: Finance, Marketing, Human Resource, Social Entrepreneurship, IT and E Business. The students in 3rd Year can choose any two groups as per specialization choices

### Pedagogy Teaching

The main pedagogical methods are lectures, case studies, presentations and project works. They are supplemented and complemented by role plays, management games, seminars, simulations, group discussions and extempore. We continuously put our efforts in creating environment for grooming and developing the student's potential so that they become ready to best serve the society through flawless leadership, communication, managerial and decision making skills.

## Student Grooming & Development

Apart from academic learning, we focus on developing the ability to understand and apply a multi-dimensional approach to overcome complex business problems, to groom the student's overall personality and improve his communication skills, to help the students acquire required professional skills in their respective fields. We believe that an open communication setting induces increased student involvement and participation. Thus they are also mentored by experienced faculty members on various personal and professional issues. Various activities are conducted from time to time to inculcate the spirit of innovation and creativity in the students. The spirit of volunteerism too encourages student involvement and participation. Our students' volunteers as coordinators in various intra-department, inter-department and university level events. This helps them to understand how the team works, group dynamics, functions of management: coordination, planning, organizing activities.

## Industry Exposure

We acknowledge the dilemma of industry-student fit in the contemporary environment of corporate. To serve the purpose we put lot of emphasis on practical exposure of our learners with an aim to make them a good fit for industry and get them well placed on the completion of the degree. For the same, we have been organizing various guest lectures, seminars, industrial visits, internship. A series of dedicated sessions related to business world i.e. IPR, Quality circles is organized for students. Rigorous internship under supervision of an industrial mentor and a dedicated faculty guide is mandatory for students. Selection of our many students in post education (internationally and nationally), various competitive examinations, army etc. stands testimony to our efforts. Along with on-the-job training, off-the-job methods are also used to provide an interactive platform with industry. Industrials visits are organized for students in every semester. This helps them to understand the interconnections of procedures in an organization and how each and every part of an organization performing different tasks is aligned with same vision.

## Extra Co-curricular Activities

Being a learner of interdisciplinary program, the learning approach cannot be unitary. Our students actively participate in several co-curricular activities organized in the department. They are also encouraged to participate in various inter and intra university activities. In the Department we have management of the students, by the students and for the students. In the induction semester of students, focused time slots are given to different activities of different fields, i.e. Photography competition, Football Matches, Kabaddi Matches, Storytelling Hour; so that students find a way to continue their passion and interest.

## Summer Internships

In the pursuance of degree of BBA we have made it mandatory for students to take an internship and prepare a focused project report based on research work done in the internship period. We provide internship opportunities through our Academia Industry Interface in various organizations, such as Ultracast cement, Aditya Birla Group, Reliance Mutual Fund, Wonder Cement, RIICO, Reliance Communications, SBI Mutual Fund, AU financiers.



## Employability areas for BBA Graduates

A graduate after doing a BBA degree may pursue a post graduation program or may get employed in Banks, Accounting and Finance Company, Insurance Company, Army, Tourism and service industry, may also work as Business Developer, Executive Managers, Data Analyst, Marketing Executive in good companies and appear in various competitive examinations for their pursuit for success.

## BBA in Tourism & Hospitality Management

Tourism is the biggest industry in the world in terms of number of people it employs directly or indirectly. Travel industry and its growth provide a chance to the economy to expand its wings in the hospitality sector too. India is witnessing a huge growth in the international and domestic travels. Considering the need of the hour, FoM now offers a specialized three year full time degree program "BBA in Tourism and Hospitality Management (BTHM)". The objective of the program is to equip students with the understanding of how Tourism and Hospitality industry works by providing knowledge about tour planning, marketing and sales, holiday consultancy, networking and foreign collaborations.

The niche employability areas open for students after the successful completion of program are:

- Executive Trainee, Hotel Operation Trainee, Executive Search Consultant.
- Guest Service Officer, Sales Coordinator, Materials Executive.
- Operation Executive, Reservations Manager, Housekeeping Attendant.
- Information Assistants and Consultants at Tourism Departments.
- Front Office Associate, Front Office Supervisor, Night Auditor.
- Duty Manager, Rooms Division Manager, Food and Beverages Supervisor.
- Restaurant, Guest Relation Executive, Tour Booking Officer.
- Tour Operator, Guest Service Coordinator, Sales Reservation Agent.
- Meet & Greet Officer, Conference Assistant, Events – Assistant.
- Event Coordinator/ Manager

## BBA in Banking Financial Service and Insurance

The banking sector in India has the advantage of access to one

of the largest and most stable financial networks. Increase in working population and growing disposable income will further raise the demand of banking and related activities. Industry's contemporary nature and continuous changes in technology has made the need of specialized labor more crucial. Catering to the need, FoM now offers a specialized three year full time degree program in Banking Financial Services and Insurance (BBSI). The program aims to create a basic understanding about the functioning and requirements of the banking industry by providing knowledge about market, counter operations, advanced technology, corporate insurance, treasury and risk management, legal aspects of banking and foreign operations.

The niche employability areas open for students after the successful completion of program are:

- Credit and risk manager, Administrative Officer (AO)
- Investment bankers, Stockbroker
- Financial analysts, Budget analyst
- Internal Auditor, Insurance Manager, Asset Manager
- Personal financial advisor, Loan Counselors, Chief Loan Officer
- Insurance underwriter, Treasurer
- Recovery Agent, Loss control specialist

## Placement Opportunities

The 4 pillars of business functions are Finance, Human Resource, Marketing and Operations. Several off shoots and specializations have over time developed like IT, Analytics, Retail, International Business, Entrepreneurship, and so on but the primary four are still the core ones without which a business cannot be run. A management graduate over the years gain skills like analytical ability, Communication Skills, Data Interpretation, Problem Solving, Ability to think logically, Presentation Skills and a holistic perspective of the business world. This degree also opens doors for those with an entrepreneurial instinct who fancy heading their own companies. Self-employment or consultancy would be a suitable career option for the entrepreneurial graduates and those who prefer to use their management skills and knowledge in managing themselves and their resources. Our UG program arms the students to pursue future specialized courses such as MBA, CA, CS, ICWA. Due to hands on and practical experiences during a summer internship program, students get equipped for domains such as Financial Accountancy, Investment Banking, Risk management services, Advisories, Retail Banking, Financial Planners, Business Analysts, Product and Brand Development Managers, Creative heads, Content writers, Project Managers, HR consultants, T & D managers, HR Generalists etc.

## About the Courses International Centre of Excellence

JECRC University has partnered with ISDC – The International Skill Development Corporation to establish a distinguished International Centre of Excellence (ICoE) for offering Professional UG/PG Courses through the Faculty of Management. ISDC (International Skill Development Corporation) is a leading International Provider for British Education and Skills registered in United Kingdom (UK). ISDC has an access to 25 Professional Bodies in UK for their Market Expansion, Trans National Education and Growth. ISDC works with Universities and Higher Education Providers by Developing and Upgrading the Academic Degrees for Future to Seek External Accreditations / Memberships / Qualifications along with the University Degrees.

The International Centre of Excellence (ICoE) has been established to ensure that learners have a comprehensive understanding of the various global academic domains and certifications that are essential for them to stand out and meet the evolving industry standards. The Centre envisions to organize, converge and provide additional training to students to help them become self-reliant leaders with enhanced leadership characteristics. The Centre's numerous levels of Global Programmes are designed to assist students in gaining real world experience in various job roles to work in relevant industries. We offer the opportunity to participate in practical and integrated global programmes that are directly related to the industry. Our students earn highly relevant Global Qualifications that will aid them in their pursuit of further education or employment. Our programmes are designed to help our students to build Global Careers.

The International Centre for Excellence is an excellent choice for global education. Build on our unique teaching methods & out-of-class experiences, our students get a head start on their careers. Trained by industry experts who provide intensive, hands-on, and real-world knowledge each of our students is fine-tuned to be prepared for global career opportunities. ICoE facilitates various programmes at Undergraduate & Postgraduate Level most of which are externally accredited by relevant Global Professional Bodies which enable students to achieve additional Certifications, Qualifications and Memberships along with their Degrees.

Course & Duration	Specialisations	External Professional Body Accreditation	Tuition Fee	Other Fee	Annual Fee	First Semester + Alumni & Admission Fee at the time of Admission
B.Com (Hons) 3 Years	International Finance & Accounting	ACCA - Association of Chartered Certified Accountants	65000	35000	100000	60000
	Finance & Analytics	IAA - Institute of Analytics				
	Management Accounting	CMA - Certified Management Accountants				
	Financial Markets	IFM - Institute of Financial Markets				
	Logistics & Supply Chain Management	—				
BBA (Hons) 3 Years	Finance & Leadership	CMA - Chartered Institute of Management Accountants	84500	45500	130000	75000
	Financial Markets	IFM - Institute of Financial Markets				
	Digital Business	AI Society International				
	Business Analytics	IAA - Institute of Analytics				
	Digital Marketing	DMI - Digital Marketing Institute				
MBA 2 Years	Logistics & Supply Chain Management	—	140000	60000	200000	110000
	International Finance	ACCA - Association of Chartered Certified Accountants				
	Finance & Leadership	CMA - Chartered Institute of Management Accountants				
	Digital Business	AI Society International				
	Business Analytics	IAA - Institute of Analytics				
M.Com 2 Years	Financial Markets	IFM - Institute of Financial Markets	63000	27000	90000	55000
	Digital & Strategic Marketing	DMI - Digital Marketing Institute				
	Logistics & Supply Chain Management	—				
	International Finance & Accounting	ACCA - Association of Chartered Certified Accountants				
	Management Accounting	CMA - Certified Management Accountants				

➔ One Time Alumni and Admission Fee: Rs. 10000/- (Non Refundable) at the time of Admission in all courses.

➔ Students have to pay the relevant Professional Body Fees over and above the JECRC Fees to achieve the Additional Certifications / Qualifications / Memberships.

➔ Scholarship for UG Courses: B.Com (Hons.), BBA (Hons.)

- 20% Scholarship of Tuition Fee - aggregate percentage in 10+2 (80% to 89.99%).
- 30% Scholarship of Tuition Fee - aggregate percentage in 10+2 (90% to 100%).

## Faculty of Management - International Centre of Excellence (Courses Accredited by Professional Bodies)



**Prof. (Dr.) M. K. Sharma**  
Director



## FACULTY OF HOSPITALITY & HOTEL MANAGEMENT

**Qualification :** BHMCT, MBA, PhD

**Experience :** 24 years of International Hospitality industry and academic experience, serving as PhD guide, Academic council, Board of Study Chair, food connoisseur, consultant and critique,

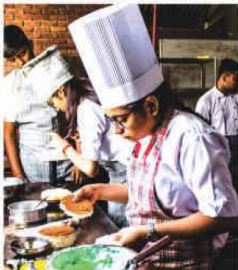
The opportunity of the hospitality industry includes a variety of businesses that provide services and facilities such as accommodation, food and beverages, entertainment, sports and related products. The term "hospitality" is believed to be a generic word, which defines the well-being of services and facilities related to tourists and travellers. The hospitality industry consists of broad category of fields within the service industry that include lodging, restaurants, transport (like airlines, cruise line) event planning, amusement parks, and additional fields within the tourism industry. The hospitality industry is a billion dollar industry that mostly depends on the availability of leisure time and disposable income. A hospitality unit such as a restaurant, hotel, or even an amusement park consists of multiple groups such as facility maintenance, direct operations (server, housekeepers, porters, kitchen workers, bartenders, etc.), management, marketing and human resources.

### About the Department

The objective is to recognize and prepare students to join the hotel and hospitality industry. The 3-year/4-year professional degree programme is designed to develop abilities in both the operational domain of a hotel, initiate hospitality research and the overall discipline of management. The academics of hotel management focuses on the core aspects of hospitality with equal importance on applied research and management subjects for overall development. The programme includes six months of internship opportunities in both operational and managerial fields. Faculty of Hospitality and Hotel Management has world class physical infrastructure. We have ultra modern, professional & well equipped multiple Kitchen labs and a restaurant with formal setting. Front Office Lab and a House Keeping Lab are especially designed to provide proper training and formal industrial environment to our students.

### Unique feature of Department

- Modern state of the art infrastructure in the form of laboratories and equipments.
- Events and Activities – Students have initiated professional level bakery shop by the name of Budding Bakers.
- Guest Lectures of prominent industry stalwarts to share the latest trends in the hospitality industry with the students.
- Regular Field trips and Industry Visit.
- It has the locational advantage of Jaipur which makes it a unique destination for hospitality and tourism education in India



### Achievement

We have a strong industry Connect to facilitate students in training and placements. Our students are doing training from best of the brands, like – TAJ, OBEROI, MARRIOTT, ACCOR, CARLSON, and HILTON ETC.

#### Training and Placement Achievements

- Internship programme is 24 weeks in the major departments of hotel like Front Office, Food Beverage Service, Food Production and Housekeeping. Our Students were placed as interns in Top Hospitality Brands like Taj, Oberoi, Hilton, Marriotts and ITC Hotels.
- Career Opportunities in Hospitality and Hotel Management Global growth and development of tourism have opened up innumerable openings. The graduating Students can look forward to career opportunities in Hotel, Hospitality and allied sectors like;
- The department has been recognized in 10 most Leading Institutes in Hospitality Management (Published under the knowledge review 2021)
- Kitchen Management/Housekeeping Management positions in Hotels after initial stint as trainee Flight Kitchens and on-board flight services Indian Navy Hospitality services
- Guest/Customer Relation Executive in Hotel and other Service Sectors
- Management Trainee/Executive in international and national fast food outlets and chains
- Hospital and Institutional Catering
- Faculty in Hotel Management/Food Craft Institutes Shipping and Cruise lines
- Marketing/Sales Executive in Hotel and other Service Sectors
- Railway Hospitality and Catering Services State Tourism Development Corporations Resort Management
- Self-employment through entrepreneurship and Multinational companies for their hospitality services

### Programs Offered by Faculty of Hospitality & Hotel Management

Program	Duration	Branches	Annual Fee	Eligibility
B.Sc. in HHM	3 Years	Hospitality and Hotel Management	80,000/-	Minimum 50% Marks in 10+2 examination from CBSE or equivalent
BHMCT	4 Years	Bachelor of Hotel Management and Catering Technology	1,00,000/-	Minimum 50% Marks in 10+2 examination from CBSE or equivalent

Including 2 international certification per year through Coursera.

**Note:** Relaxation of 5% marks in minimum eligibility criteria shall be given to the candidate who belongs to SC/ST/ Rajasthan state OBC Non-creamy layer / women category.





**Shailendra Pratap Singh**  
Asst. Prof. & HoD



## FACULTY OF JOURNALISM & MASS COMMUNICATION

**Qualification :** Ph.D. (Pursuing) (Cinema Studies), MJMC, B.Sc. (PCM)  
**Research Areas :** Film Studies, Critical Media Pedagogy and Cultural Studies

**Publication :** Journals: 03, Paper Presentations: 02, Seminar & Workshop Attended: 10

### Awards and Accolades :

A National executive member of 'Cinema of Resistance' (An association of 18 Independent Film Societies across the globe) Member, Board of Studies, ILD Skills University, Jaipur (Rajasthan)  
**Industry Experience :** Worked with various media houses i.e. Dainik Bhaskar and Dainik Navijoti (Print Media), All India Radio (Radio Media), Vidhya Bhawan Udaipur (An NGO in Education Sector) and founder convener of Udaipur film Society (Film Media).

The Faculty of Journalism and Mass Communication is offering three years of B.A (Journalism and Mass Communication) degree program, and Two years M.A (Journalism and Mass Communication) degree program which are approved by University Grants Commission. The Faculty provides students opportunities to practice Journalism in the field of Print, Broadcast & Digital Media covering all dimensions of Journalism and Mass Communication. These program enable students to perform as Journalists with intellect and integrity. By publishing a daily newspaper, producing radio and television news bulletins, uploading interviews of celebrities on our YouTube channel and writing official blogs, writing for digital media platforms, the Department inculcates professional journalistic culture within the students.

### STATE-OF-THE-ART MEDIA LABS

The Faculty of Journalism and Mass Communication is well equipped with state-of-the-art media labs i.e. TV Studio, Production Control Room (PCR), Radio Studio, Video Editing Suite and News Room. These Media Labs are established in more than 2200 square feet area having most advanced software and technology. From TV panel discussions to documentary film making, Radio bulletins to daily newspaper publishing, JU media students report, research, shoot and fine-tune diverse media productions, we work as a proficient media organization. The Department was started in 2016 and approaching towards a milestone with learning while doing pedagogy.

### MEDIA ENTITIES RUN BY JU MEDIA STUDENTS

With the motto, "We Practice Journalism", JU Media students run their own six media entities i.e. daily newspaper- THE MESSAGE, TV news bulletin- THE TV TALK, Audio news bulletin- THE VOICE, YouTube Channel- THE COMMUNICATOR, official Blog- ALAAV and Newsportal www. <https://dristhikontoday.com/> To produce world-class Journalists and Mass Communicators, the Faculty of Journalism and Mass Communication (FJMC) believes in 'Learning while Doing' media pedagogy.

#### THE MESSAGE (NEWSPAPER)

In Print Media, the students publish a 2-page daily tabloid- THE MESSAGE. They write, edit, design, draw cartoons and publish the newspaper for over 6000 readers. Renowned National media academicians and media practitioners appreciated this disciplined and creative media exercise. (For reading e-editions of THE MESSAGE, visit <http://issuu.com/themessagesjmc>)

#### THE VOICE (AUDIO NEWS BULLETIN)

This is an audio forum for JU media students to practice Radio production exercises. They produce a 5 to 7-minute Audio bulletin- THE VOICE, as a daily media feature. They circulate it via the sound cloud and YouTube among 6000 listeners in and out of the campus. (Audio clips of THE VOICE are available at Sound Cloud and YouTube Channel THE COMMUNICATOR) (Visit <https://www.youtube.com/watch?v=80TSZMJrvi>)

#### THE TV TALK (TV NEWS BULLETIN)

With the purpose of practicing TV Journalism, JU media students produce a weekly TV bulletin. They write TV bulletin scripts, take video bytes shoot Piece to Camera (P to C) and edit the complete TV bulletin package within the given deadline. (THE TV TALK editions are available at YouTube Channel THE COMMUNICATOR) (Visit [https://www.youtube.com/watch?v=b03XSXH\\_go](https://www.youtube.com/watch?v=b03XSXH_go))

#### Dristhikontoday.com (NEWS PORTAL)

New Media is an emerging sector for media practitioners. To give real-time experience of digital media, Department of Journalism and Mass Communication initiated its news portal, Dristhikontoday.com. This portal provides an opportunity to JMC students to publish their news material, i.e. Ground reports, articles on current issues, reviews about books and films, exclusive interviews and many more. (Visit <https://dristhikontoday.com/>)



#### THE COMMUNICATOR (YOUTUBE CHANNEL)

JU media students run an official YouTube Channel- THE COMMUNICATOR. For this Channel, our budding Journalists have taken interviews of renowned media personalities like Barkha Dutt, Arun Shourie, Shekhar Gupta, General Syed Ata Hasnain, Shri L.P. Pant, Shri Ajit Anjum, Anshuman Tiwari, Renowned Scientist Dr. Anil Kadodkar and many other accomplished personalities. Please visit <https://www.youtube.com/channel/UCkZgZCW5M4nNp2WOhX66w>

#### ALAAV (OFFICIAL BLOG)

This official blog is grooming media students' for written expression. This is an outlet for event news, relevant articles, appropriate features, self-expression, personal anecdotes and photographs. (See link; <http://alaavsjmc.blogspot.in/2017/>)

#### DEPARTMENTAL CLUB ACTIVITIES

Our media pedagogy is implemented through various creative classroom and club activities. 'We Practice Journalism' philosophy engages the students efficiently and creatively in class rooms. In club activities, the students organize TV panel discussions, debate competitions, poetry and story narration sessions, film-screening sessions and theatre performances.

#### ACADEMIA-INDUSTRY RELATIONS ANUGOONJ: MEDIA SUMMIT

Department of Journalism and Mass Communication organized two-day Media Summit 'Anugoonj' in March 2020. It featured media luminaries from across the country and spoke on the present form, future and various aspects of print to electronic media.

#### WONDER OF WORDS

Every year, JECRC University invites selected speakers from Jaipur Literature Festival at the campus. In its 8th edition of Wonder of Words, media students moderated the sessions. After their sessions, they took their interviews to publish a special edition in newspaper THE MESSAGE, took their 2-minute audio byte for Audio bulletin THE VOICE and TV bulletin byte for TV bulletin and blog ALAAV.

#### TALK JOURNALISM

Renowned politicians, prominent journalists and eminent authors meet our budding journalists in Talk Journalism at Fairmont Hotel, Jaipur. JU media students have participated and taken interviews of journalists like Barkha Dutt, Christina Lamb, Rajdeep Sardesai, Sushant Singh, Arun Shourie, Kalpesh Yagnik, Ayaz Memon, Karan Thapar and others.



## SAHIYA AJTAK, NEW DELHI

Our media students joined the event at Indira Gandhi Centre for Arts, New Delhi, where the eminent Literary and Cine personalities like Anupam Kher, Anurag Kashyap, and Rajdeep Sardesai dabbled. Our students met all these celebrities and had a talk with Rajdeep Sardesai.

## ZEE STUDIO CONDUCTED AUDITION IN JMC DEPT. FOR SOAP OPERA

Zee Studio, Jaipur conducted audition for soap opera in the department of Journalism and Mass Communication, JECRC

University, Jaipur, Rajasthan. It gave opportunity to students to act in TV soap opera. The event was held on September 05, 2020.

The audition was held in media studio of the JMC department from 11.00 AM to 03.00 PM. Students, who were interested in the acting participated in this audition. The selector gave them a script and said to narrate the dialogue. The script provided to participants about half an hour before the audition. In the audition, students performed and demonstrated their talent. Students of JMC, Deep, Shubham Saini, Aryan, Rohit Kumar, Simran, Sanchita Mondal, Nidhi Biyani, Ayushi and Pooja Bajoria participated in the event.

## Programs offered by Faculty of Journalism & Mass Communication

Program	Duration	Branches	Annual Fee	Eligibility
BA JMC	3 Years	Journalism & Mass Communication	95,000/-	Minimum 50% Marks in 10+2 examination from CBSE or equivalent
MA JMC	2 Years	Journalism & Mass Communication	65,000/-	Minimum 50% Marks in graduation in any stream

Including 2 international certification per year through Coursera.

Note: Relaxation of 5% marks in minimum eligibility criteria shall be given to the candidate who belongs to SC/ST/Rajasthan state OBC Non-creamy layer / women category.

## AN INDUSTRIAL VISIT TO DAINIK BHASKAR

JMC department of JU believes in 'Practice Journalism'. So now a great initiative is taken by the Journalism and Mass Communication department of JECRC University, Jaipur to make their students aware of their future scopes and environment in media industry. Students of department visited the printing press of the national Hindi newspaper Dainik Bhaskar on February 22, 2020.

## EXTENSION LECTURES

- Department of Journalism and Mass Communication, JECRC University had an online video session with Mr. Suvarn Pal, the China-based media professional and author on April 20, 2020.
- Mr. Rajendra Singh (Waterman) known as waterman of India speaks to the JMC students and taught them to conserve water for new generation.
- Department of Journalism and Mass Communication, department organized Keynote session of PR expert Rajesh Padmanabhan.

- Faculty organized the special lecture of Shri Abhishek Tiwari, Cartoon Journalist of Rajasthan Patrika.

## WORKSHOPS

- A three-day workshop on 'Changing Standards of News Media' was organized by the Faculty of Journalism and Mass Communication, National Editor of Dainik Bhaskar Dr. Laxmi Prasad Pant shared his views on Ideation of News.
- A workshop on 'Changing Paradigm of News Media' was conducted by Senior Deputy Editor of Business Line (The Hindu) Shishir Sinha. He gave a special lecture and explained how media is changing in the present scenario?
- Google's fact-checking workshop took place by Google trainer Aparna Praveen. She made media students aware of fake news.
- The faculty development program for the faculty members was organized. Dr. Ekta Meghna and Dr. Sapna Sharma gave presentations on writing the research proposals.
- Faculty of Journalism organized a photography exhibition event Pixel Hunt. Chief Guest of the event was Dr. Ajay Kumar Singh, Director, School of Journalism and Mass Communication, Haridve Joshi University of Journalism.

## Books authored by JMC Students



### Still Holding

Lakshit Pareek is a first-year student, has been interested in writing. He has compiled his thoughts and converted them into words through this book. He took the help of second year student Ayushi Goyal. He has written and edited the book by himself. This book was published by kindle Desktop publishing, Amazon.com



### Khat

Jatin Sharma, a budding photographer who has an eye for emotions, nature, settled for fiction in Khat. He collected eternal love letters and designed the book. With a visionary faculty Mr. Shalendra Pratap Singh Bhati, he edited the book.



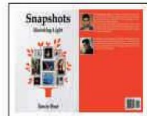
### Alfaz Apne Apne

Akash Tiwari is a first-year student who has edited the book and Stuti Bafna has designed the book. Ajay Kasana, Bhavika Joshi, Sumit Sharma, Pooja Jangid, and Abhishek Vyas have written the poems for the book. Pandit Amandeep helped the students publish the book. This book was published by create space and Amazon.com



### 16 Stories

Sadiq Khan and faculty member Pandit Amandeep collected the stories from JECRC University Students and Aligarh Muslim University Literature club and published by CreateSpace. This book available on e-commerce website Amazon.in.



### Snapshots

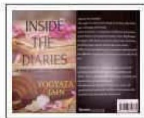
Students Shrey Jain, Stuti Bafna and faculty member Pandit Amandeep collected the photos of JECRC University students. This book is published by Create Space and available on e-commerce website Amazon.in.



### 100 Splendid Voices

Student Charu Sharma and her friends collected 100 stories from the students. This book is published by Notion Press, Delhi and available on e-commerce website Amazon.in and others.





### INSIDE THE DIARIES

This book is authored by Abhimanyu Singh Nirban and Sanjana Pincha. This book is published by Notion Press New Delhi and available on one-commerce website Amazon.in and others.



### CLUSTER OF THOUGHTS

This collection of short stories is edited by the student of BA(JMC) II year namely Abhimanyu Singh. His mentor Pandit Amandeep enthused and guided him to get his dream task done, creatively and efficiently.



### CAPTURE

Under the supervision of faculty Pandit Amandeep, in this photo book, editor Bilal Mohammad and Stuti Bafna compiled and edited the photojournalistic pieces of art across the country.



### GANDHI IN CINEMA

This book authored by faculty Dr. Narendra Kaushik. It explores the depiction of Gandhi and Gandhian philosophy, sketched on silver screen explicitly and implicitly.

### Students Achievement

- Jayesh Pawar is selected in Edelman, International PR agency. He was also worked as an intern in Ogilvy.
- Akash Tiwari is selected as Hindi Content Head for Loktantra TV. He also worked for widely known news portal Brifely news(Hindi) as a content writer.
- Divyansh Pandey, Karina Sharma and Janvi Joshi are appointed as reporters in First India News channel, Jaipur.
- Anuj Shrivastava is selected as a Video editor in Gyan Vihar University, Jaipur.
- Pulkit Sharma and Laxmi Vats are working as reporters in A1 TV, Jaipur and HBN news72, Raipur respectively.
- With his creative skills in photography, Shubham Saini is working as a photographer for GG company in Jaipur.
- Bhavika Joshi is performing her verbal and digital marketing skills in Jaipur Blogs.
- Khyati Shandilya is employed at Black Cap, Mumbai. It is a digital marketing company.
- Ajay Kasana, Tanya Sristy are performing camera and directorial skills in RVCJ company limited in Jaipur.
- Raalisha Upadhyay is working in Annab Media Entertainment Pvt. Ltd., Jaipur. It is an event management company.



**Prof. (Dr.) Widhi Dubey**  
Dean



## FACULTY OF SCIENCE

**Qualification** : Ph. D, M.Sc. (Botany), F.B.S., F.S.A.B.

**Experience** : 28 Years Research Area: Plant Pathology, Plant Nematology & Integrated Pest Management, Pollen Allergy, Antimicrobial and Antioxidant activity of plants.

**Publication** : Journals 35, Books 06, Presentations in Conferences: 32

Research and Development in science plays an important role for better living of mankind. JECRC University is a prestigious institution of Rajasthan and is emerging as a leading university in the country. With highly qualified faculty it provides quality education in science by offering Undergraduate, Postgraduate and Doctoral Programs in all disciplines. The university is providing a platform for research and Innovation in science for faculty and research scholars. The University pays more emphasis on strong interaction with the industries to provide job opportunities for the students.



### Programs offered by Faculty of Science

Program	Duration	Branches	Annual Fee	Eligibility
B.Sc. (Hons.)	3 Years	Microbiology, Biotechnology, Forensic Science, Physics, Chemistry, Mathematics	75,000/-	10+2 with minimum 50% aggregate marks in related subjects from a recognised Board of School Education or equivalent
B.Sc. (Hons.)	3 Years	Data Science	70,000/-	The subjects should be Physics, Chemistry and Mathematics. Student has studied Computer Science as an additional subject, then it will be treated as an advantage.
B.Sc. (Pass Course)	3 Years	Three subject combination out of Physics, Chemistry, Maths, Botany, Zoology, Statistics, Psychology & Economics	60,000/-	10+2 with minimum 50% aggregate marks in related subjects from a recognised Board of School Education or equivalent
M. Sc.	2 Years	Microbiology, Biotechnology	80,000/-	B.Sc. with minimum 50% aggregate marks in related discipline from a recognised University.
M. Sc.	2 Years	Physics, Chemistry, Mathematics, Statics, Botany, Zoology	65,000/-	B.Sc. with minimum 50% aggregate marks in related discipline from a recognised University.

**Note:** Relaxation of 5% marks in minimum eligibility criteria shall be given to the candidate who belongs to SC/ST/Rajasthan state OBC Non-creamy layer / women category.

JECRC is one of the fastest growing universities in Rajasthan with a view to give high quality education for the young bright minds of India. We are committed to play a key role in creating an ambience for the creation of new ideas, knowledge and graduates who will be market leaders of tomorrow. In doing so, we hope to make significant contributions to the development of the country and improving quality of life of its citizens. JECRC University consistently attracts the finest faculty and best of students for its Bachelor, Master and Doctoral Programs. It has the required infrastructure & well-equipped laboratories, for hands-on experience. Students are exposed to the most modern and up-to-date curriculum and contemporary developments in various disciplines of science and engineering. In addition to developing excellent scientific and engineering skills our graduates have been moulded into well groomed personalities, given their exposure to working as teams on projects, developing presentation and communication skills and actively participating in extra-curricular activities.

Faculty of Science (FoS) at JECRC University was established in the year 2012 with the aim of creating valuable resources for industry and society through its interventions in creation of research and innovative culture, academic and professional enhancement and cultural enrichment. Faculty of Science mainly focuses on academic integrity and accountability, with respect and tolerance for the views of every individual, and attention to issues of national as well as of global concern, including knowledge of the human sciences.

FoS has strong research based foundation with sustainable development and responsible education, which offers programs in the field of Science at Graduate, Post graduate and Doctoral level. The school is well equipped with workshops, laboratories and library and has qualified faculty members.

### "3<sup>rd</sup> International Conference on Mathematical Modeling, Applied Analysis and Computation (ICMMAAC-20)"

An Online Conference was organized by Department of Mathematics, JECRC University on 7-9 August, 2020.

Academic Visit/Joined Collaborative Project The Indo German DST-DAAD 2019 Joint collaborative project is sanctioned to Prof. Ekta Menghani, Department of Biotechnology by the Department of Science and Technology New Delhi and visit of German Partner Dr. Gerald Dräger, Director, REBIRTH Unit Functionalized Polymers and Regenerative Agents, Leibniz

University of Hannover, Institut Für Organische Chemie Schneiderberg, Hannover and Ms.Griederke Schakel, M.Sc. Medicinal and Natural Product Chemistry, Gottfried Wilhelm Leibniz University, Hannover pursuing research with Prof. A. Kirschning visited JECRC University on 5<sup>th</sup> to 10<sup>th</sup> December, 2019 and interacted regarding the project way forward. The joint collaborative project is for two years. In this JECRC University faculty & research scholars will go to Leibniz University, Germany in future.

### Invited Tak

- Prof. Xiao-Jun Yang, China University of Mining and Technology, Xuzhou, China.
- Prof. Haci Mehmet Baskonus, Harran University, Sanliurfa, TURKEY
- Prof. K.S. Nisar, Prince Sattam bin Abdulaziz University, Saudi Arabia
- Prof. Mohammad Sajid, Qassim University, K.S.A.
- Prof. Rajesh K. Pandey, Department of Mathematical Sciences, IIT (BHU), Varanasi, India
- Prof. Ritu Agarwal, MNIT, Jaipur, India
- Prof. D. C. Sharma, Central University of Rajasthan, Ajmer, India.
- Prof. M. Mursaleen, Aligarh Muslim University Aligarh, India.
- Prof. S.D. Purohit, Department of HEAS (Mathematics), Rajasthan Technical University, Kota, India
- Prof. Hemant Dutta, Gauhati University, Guwahati, India
- Prof. S. Sivasubramanian, Srikanth, Department of Mathematics, University College of Engineering Tindivanam, Anna University, Tindivanam.
- Prof. Vikas Gupta, Department of Mathematics, LNMIIT, Jaipur, India
- Prof. V. N. Mishra, Indira Gandhi National Tribal University, India.
- Dr. Sumit Sonkar, MNIT, Jaipur
- Prof. Man Singh, Central University, Gujrat.
- Dr. Akhil Agrawal, Central University of Rajasthan, Ajmer





## DEPARTMENT OF BOTANY



### Dr. Sonali Pandey

Associate Prof. & HoD

**Qualification:** Ph.D. (F.B.S.)  
M.Sc.

**Experience:** 21 years

**Research Area:** Phytoremediation,  
Bioindicators, Biofertilizers  
& Biocides

**Publication:** Journal Publications 41, Conference Proceedings 03, Books 07

identification of plant based food preservatives, Ecofriendly sustained Biofertilizer of microbial origin, Screening of plant and algae with remediation potential

towards water and soil pollution. 10 Ph.D scholars had made influential contributions to scientific discovery in the form of publications in the journal of International & National reputed. The Department feel proud for producing 7 Ph.D students awarded with DOCTORATE who are progressing in their careers in academia, industry, government and non-governmental organizations.

Students from different countries like Tunisia, Bolivia have also completed their internships in the department under the banner of IAESTE-JU.

The syllabi is designed in a way to motivate students for their growth and development of both, students and society. The program follows an intensive course curriculum containing well organised courses in Botany which provides a wide range of opportunities in teaching and public service. The Post graduate & Undergraduate program is research based, thriving on the broad range of active research conducted by faculty members in the department. The department regularly conducts series of seminars prepared by the students for their overall development of professional skills.

The department has excellent lab facilities equipped with latest instruments. The department has designed a comprehensive curriculum on topics related to all aspects of Botany with an emphasis on practical and hands on learning. The curriculum is a blend of the traditional and advanced knowledge in botany which is updated regularly to keep up with the growing demands and the changing trends in academics and research laboratories. Both the faculty members are Ph.D. with teaching and research experience of more than 23 years. They are authors and co-authors of more than 15 books from national and international publishing houses. They have more than 84 research papers in the journals of National and International reputed. Both are life members and fellow of various National and International Botanical Societies.

The department aims at providing knowledge and insight about plants, plant biology and the crucial ecological roles of plants. Botany as a subject provides individuals to work in a job that is both, fun to do and benefits others. Cell Biology, Morphology, Genetics, Molecular Biology, Systematic Taxonomy, Pale botany, Ecology and Physiology are specialty subjects of Botany. The new offshoots of Botany are Agronomy, Biotechnology, Plant Breeding, Economic Botany, Forestry, Food Science Technology, Horticulture, Forestry and Plant Pathology. Department of Botany offers Ph.D. Post Graduate & degree course to under graduates providing them sufficient knowledge in plant sciences. The degree programs combine the teaching of core principles with hands on laboratory experience, preparing students for exciting careers in industry and academia. Department is enriched with full-time faculty members involved in guiding Ph.D scholars with specialization of research on Aeroallergen of plant origin, Antioxidant potential of plants, Sustained Biofertilizer of microbial origin, Screening of plant and

## DEPARTMENT OF BIOTECHNOLOGY



### Dr. Ekta Menghani

Prof. & HoD

**Qualification:** M.Sc., Ph.D, FBS

**Experience:** 18 years

**Research Area:** Indian Medicinal plants and their biopotentials, Bioinformatics,

**Publication:** 85, Books Authored : 15  
**Project:** 8 DST (Ongoing & Completed)  
DST DAAD Awardee, Fellow of Botanical Society,  
Prof. S. N. Dixit Gold Medal Awardee

The department is conducting courses at UG, PG & Doctoral level. It has a well developed facility for Microbiology, Biochemistry, Molecular Biology and Bioinformatics. The instruments like cooling centrifuge, BOD Incubator, deep freezer and UV vis spectrophotometer. The thrust area of research includes Bio-remediation of hydrocarbon and petroleum contaminated soil, fungal biodegradation studies for bio-active compounds, Plant Secondary metabolite and Tissue Culture.

The Department faculty has also been contributing to high quality research in the front line areas of Biotechnology. Faculty members also collaborate with scientists from Institutes in India and abroad. Faculty members have their research groups including Ph.D. students, and they receive extramural research projects in their respective area of research from various Govt. funding agencies. 6 Ph.D degrees have been awarded in Biotechnology Department. The department also plans to develop capabilities in students by working closely with the biotechnology sector, to ensure that the right conditions exist in the department to develop competitive and skilled personnel that will become a part of R&D based in recognized biotechnology businesses.

Department has got Biotechnology Business Incubation from Department of Science and Technology, Rajasthan. Placement Opportunities Scope for biotechnology as a career option is immense as we live in exciting times where there are amazing discoveries, new applications and innovative products on the market every day. There are various organizations that serve as great resources for those who are entering the field of biotechnology. Biotechnologists are at the forefront of continuous search to find new, sustainable food sources. They are working in various work environments like industrial sector, environmental sector, medical sector, food manufacturing, health-care and pharmaceuticals.

### Institutes actively involved in biotechnology research in India

- The Government of India National Biotechnology Development (NBTD)
- The Department of Science and Technology (DST)
- Council for Scientific and Industrial Research (CSIR)
- Indian Council for Medical Research (ICMR)
- Department of Atomic Energy (DAE)
- Indian Council for Agricultural Research (ICAR)
- Defence Research Development Organization (DRDO)
- Indian Institute of Science (IISc)
- Biotechnology Consortium of India Ltd (BCIL)



## DEPARTMENT OF MATHEMATICS & DATA SCIENCE



### Dr. Jagdev Singh

Associate Prof. & HoD

**Qualification:** Ph.D, MHRM,  
M.A., NET & SLET

**Experience:** 15 Years and 5 Months

**Research Area:** Mathematical Modeling,  
Fractional Calculus, Applied Functional  
Analysis, Special Functions, Fluid Dynamics

and Numerical Analysis

**Publication:** 106, National –08,

**Books Authored:** 03, Presentation in conference: 23



The Department of Mathematics keeps pace with the advances in technology, by providing all the students with separate and state-of-the-art facilities. The Department of Mathematics comprises of highly qualified and research oriented faculty members. The faculties of the department have published research papers in various national and international journals of repute with high impact factor. Prof. Jagdev Singh, HoD, Department of Mathematics, his citations are 5490 with H-index of 46. He has been listed among the top 2% scientists globally in the subject-wise analysis by scientists of Stanford University, USA. He received Riemann Award for Young Scientist in the International conference at Biruni University, Istanbul, Turkey, December 4-6, 2020. Members of the department are guiding many research scholars and various research projects have been completed and a few more in the process. Emphasis is given to aspects such as mathematics as a means of communication in the scientific, technical and commercial world.

The Department regularly organizes national and international conferences, FDP's, seminars and lectures. The students get the opportunity to attend seminars and lectures from new areas of interest addressed by eminent mathematicians, faculty members from IIT and from other institutes around the globe. Several eminent mathematicians visit the Department from time to time and collaborate with the faculty members of the Department. The students gain knowledge of various new areas of research using internet facilities made available in their labs. The Department has an active Mathematics Club which regularly organizes quizzes, debates and other fun learning Mathematical activities. The Department of Mathematics offer a variety of undergraduate programs, postgraduate program as well as a doctoral research program in different branches of Pure and Applied Mathematics for highly motivated students looking to pursue an academic or industrial career in Mathematics.

Which is a 3 year full-time course that comes under the domains of Mathematics, Statistics and Computer Science.

Data Science is an interdisciplinary subject that includes the use of **Mathematics, Statistics, Computer Science** and related aspects in order to understand the problem or phenomena with respect to a set of real-world data.

- Data Science is an interdisciplinary subject that uses the basic concepts of mathematics, statistics, data analysis, machine learning and related subjects to understand and analyze various problems and phenomena with respect to a large set of data.
- Data Science includes various theories, techniques and tools from mathematics, statistics, computer science and information technology.

**B.Sc. (Hons.) Data Science is offered with the aim of:**

- Exposing students to broad areas and subjects of Applied Mathematics, Applied Statistics, Data Mining, Predictive Modelling, Big Data Analytics, Machine Learning, Data Visualization across various sectors such as Business, Marketing, Supply Chain, Manufacturing, Operations, Human Resources, Genomics, Healthcare, Banking etc. using hands-on experience.
- Producing agile and skilled professionals to understand, collect, extract, analyze and predict the given set of data to solve the major problems through real-time data analysis.

**B.Sc.(Hons.) Data Science Course Objectives:**

- This 3-year course is designed in such a way that graduates can perform and conduct data-driven investigations by managing and visualizing all types of data.
- Students will understand the concept and develop an in-depth understanding of data science and data analytics. Teach students the basic techniques and procedures to analyze quantitative and qualitative data to arrive at solutions by identifying the pattern, predict trends and analyze data sets from different sectors.



## DEPARTMENT OF CHEMISTRY



**Prof. (Dr.) Sonu Pareek**

Prof. & HoD

**Qualification :** M.Sc., Ph.D., NET, P.G. Diploma in Environmental Sciences

**Experience :** 20 years

**Research Area :** Synthesis of Biologically important Heterocyclic derivatives, Water quality analysis and Treatment.

**Publication :** Journal Publications: ~10, Presentation in Conference 30,

**Books Authored :** 5

### Scope of the subject

Chemistry is the 'Game of a single electron'. Chemistry plays a key role in solving scientific, economic, environmental and societal problems, which are connected with the basic question how to guarantee the sustainability of our planet. It tends to focus on the properties of substance and the interactions between different types of matter. In more formal terms chemistry is the study of matter and the changes it can undergo. So understanding the basic properties of matter and learning how to predict and explain how they change, when they react to form new substances is what chemistry and chemists are all about. Chemistry is not limited to beakers and laboratories. Increasing our knowledge in chemistry is essential if we want to improve our daily

The chemistry department has a highly efficient team. Our faculty believes that research is a vital component in education. Scientific research usually involves a question, investigation of that question, and finally, communication of the discovery. The department has organized various National conferences/workshops on regular basis. The Chemistry department has well-equipped laboratories with equipments like UV-VIS Spectrophotometer, pH Meter, Polarograph, Digital Conductivity Meter, Electronic Balance, Double Distillation Plant, Bomb Colorimeter, Fluorescence spectroscopy instrument, etc. Most often, scientific investigations involve both literature searches and planned experiments. Since, we have a good team of faculty members having a proven academic as well as research credentials with world class international publications in their field of specialization; we are offering a very good doctoral program in Chemistry.

lifestyle. Chemistry is a job oriented course. Chemistry is a significant component in all emerging industries based on energy, medicine, biotechnology, textile, cement, metallurgy, nanotechnology, agrochemicals and materials and techniques for National defence research programs.

### Achievements/Activities

- Placement of PG students in PI Industries, Udaipur, Ambuja Cement, AWPL, Shri Krishna Pesticides, Dainik Bhaskar, Reputed Coaching Institutes.
- Internship in Industries and Research Labs or PG students in Organizations like, **BARC Mumbai, CDRI Lucknow, ONGC, Forensic sciences Labs, Ground water quality Deptt. Textile Industries etc.**
- B.Sc. Chemistry (Hons) are qualifying JAM for M.Sc. From IITs, NITs, IISC continuously
- NET & GATE qualified by the students of M.Sc. Chemistry.
- Ph.D. students are working in MNC and academic Institutions of good repute.
- Social awareness campaigns conducted by students of Deptt. in villages; food adulteration camps, water and health hygiene camps etc.
- Hands on training workshops for UG/PG students to enhance entrepreneur skills.
- Invited Lectures by Eminent Scientists for undergraduate & Graduate students.
- Awards won by B.Sc. & M.Sc. Students every year in National & International conference, seminars.

## DEPARTMENT OF FORENSIC SCIENCE AND ZOOLOGY



**Dr. (Mrs.) Rajesh Yadav**

Associate Prof.-1 & HoD

**Qualification :** Ph.D, M. Sc

**Experience :** 20 years

**Research Area :** Reproductive Toxicology, Bioremediation, Biopesticides, Food Microbiology & Environmental Microbiology

**Publication :** Journal Publications: 5, Presentation in Conference 21

**Books Authored :** 7

### About Forensic Science

Forensic Science has always fascinated students as well as professionals. With rapidly increasing crime rate in society, the demand of forensic science and thus the value of forensic experts have reached the heights. Considering the factual scenario, we at JU aim to make and shape up our students as per the demands of the field and the employer.

B.Sc. (Hons.) in Forensic Science helps to develop the analytical skills necessary to process and evaluate evidence in a criminal investigation. The programme focuses more upon developing the investigative perspective of the student and promoting their ideas and insights by engaging the learner in research and project activities which would be more of a practical exposure. The newly designed curriculum as per upgraded education policy, gives learner an opportunity to work upon scientific methodologies of investigation. At the end of this course, they will be able to find themselves a competent student to understand the science of investigation. A strong base and versatility is always valued and thus, the syllabus of Forensic science has been designed in correlation with the syllabus of NTA NET examination in order to make the students competent enough to qualify the exam and ensure excellent academic record.

Forensic Science is a multi disciplinary subject which encompasses various fields of science such as Biology, Chemistry, Physics, Psychology, Social Science, Engineering and Law. Forensic science serves as a scientific testimony for the investigation of criminal and civil case sand convictions. During this programme, the student also learns about basic to advanced forensic science, Crime Scene Investigation, Fingerprint Examination, Questioned Documents Examination, Visit to forensic labs and other departments and much more! B.Sc. Forensic science study develops the skills to understand Criminal Psychology as well as effective implementation of Laws for a fe society. Thus, the program offers both theoretical and practical knowledge in every area of criminalistics and also provides an understanding of investigative science, ability to deal with the evidences, ability to process the crime scene, understanding of justice system and a strong academic base for future career prospects.



## About Zoology

The department is offering courses at UG, PG & Doctoral level. Zoology is the science which deals with study of animals and their existence in the environment. It encompasses the structure, anatomy, characteristics, behaviour and distribution, mode of nutrition, physiology, genetics and evolution of animal species. In short, it is the branch of science where animals, their structures, development and classification are studied. The subject tells us how animals think, why they act the way they do, where they live and why, how they have adapted to the environment and much more. The curriculum of Zoology is designed to equip the students in life sciences with in-depth knowledge and practical skills in various aspects of animal Biology. The curriculum endeavors to prepare students in a wide range of science-based skills that provide the learning base for future careers in disciplines such as health sciences, agriculture, environment management, the emerging biotechnologies, publishing, teaching, research and consultancy.

The Department has excellent Lab facilities for the study of animal behaviour, developmental biology, physiological, biochemical, microbial and animal biotechnology related exercises, and latest scientific instruments. Study and hands-on laboratory experience of all these enable the students to learn the basic techniques in animal experimentation, enhance their confidence and prepare them for exciting careers in industry and academia.

The faculty of the department are Ph.D. with teaching and research experience of more than 20 years, and are life members of various National and International professional societies. They are actively engaged in research, with full time Ph.D. Scholars and foreign Interns pursuing research on topics viz. toxicity in animals /insects, microbial contamination of animal products, biodegradation of cultural heritages, Biopesticides, bioremediation etc. Two Students have been awarded Ph.D. Degrees in the Department. The faculty of the department has also received 'Hindi Sewa Puruskar 2019' for the book, 'Rashtriya Aapda Mochan Balaivam Aapda Prabandhan' by Bhasha Aivam Pustakalaya Vibhag, Jaipur.

## DEPARTMENT OF MICROBIOLOGY



### Dr. Varsha Gupta

Associate Prof. & HoD

**Qualification :** M.Sc. (Gold Medalist), SLET, Ph.D.

**Experience :** 22 years

**Research Area :** Environmental Microbiology & Toxicology, Wildlife Techniques- Identification of Animals.

**Publication :** Journal Publications-20, Conference Proceedings-03, Workshops : 12 Presentation in Conferences-19



Microbiology is a field of science devoted to the study of organisms that are too small to see, and therefore an engaging laboratory experience is often the key to capturing students' interest. The scientific discipline of 'Microbiology' is one of the most critical components of modern day science and increase demand for microbiologists in India and globally. The Department of Microbiology was established in the year 2012 as one of the Department under Faculty of Science to impart quality education in the field of Microbiology and to create trained microbiologist. The department is headed by Dr. Varsha Gupta having a total teaching experience of 24 years. Department of Microbiology aims to familiarize students with fundamental concept of basic techniques and their applications. Department is conducting courses at UG & PG levels including two year M.Sc. and three year B.Sc. programs in Microbiology (Core) in



addition to Ph.D. Program through course work as per UGC regulations. All degree programs combine the teaching of core principles with hands-on laboratory experience, preparing students for exciting careers in industry and academia. In this context, microbiology laboratory is designed based on the biosafety level 1 with strictly prescribed rules for personal and environmental safety.

Research conducted by the faculty is a vital part of responsibility and contributes significantly to the graduation and post graduation programs. Various workshops conducted on bioinformatics, biosafety guidelines, role of microbiology in recent world at department levels. Department MOUs with various industries. Five Students have been awarded and many more students pursuing Ph.D. degree in the Department of Microbiology. The main focus of research in the department in the field of Medical Microbiology and Environmental Microbiology Extremophiles Diversity (Thermophiles & Halophiles), Enzymology, Microbial Biotechnology with various specializations like MRSA, Antimicrobial activity, Secondary metabolites, Hepatitis, Influenza, Dermatophytes, Bio deterioration of cultural heritage, Bioremediation of textile effluents, Biosurfactants, etc. After completion of research in this stream microbiologists become eligible for Post-doctoral courses. Research and Development of various sectors i.e. food, environment and health as well work as entrepreneur.

### Potential Placements: Industry, Academia and Research

TCS (Life Science), INTAS Pharmaceutical, National Institute of Virology (NIV, PUNE), MLSU

### Department- At Glance

- Expertise and Experience faculties
- Publication in Scopus Indexed, Elsevier and Springer Journals of Repute
- Faculty Expert Reviewers in Scopus Indexed Journals
- Co-Partner in BBI Incubation Center funded by DST Rajasthan
- Science Technology Innovation (STI) Hub resource centre established by DST, New Delhi

## DEPARTMENT OF PHYSICS



### Dr. Pranav Saxena

Prof. & HoD

**Qualification :** Ph.D., M.Phil., M.Sc.

**Experience :** 20 years

**Research Area :** High Energy Physics Phenomenology

**Publication :** 22

**Books Authored :** 5

The Department of Physics in Faculty of Sciences started functioning along with the establishment of JECRC University. Department focuses on to provide relevant education in Physics at undergraduate and graduate levels and substantial research work with relevance to contemporary problems faced by industry and the society at large.

Department offers BSc (Hons) in Physics with the specialization of Electronics & Communication, Renewable Energy, Material Physics, Astrophysics, BSc (Pass) and MSc (Physics) effectively with inclusive approach. Beside these, the department also offers Applied Physics course in Btech program, intend to impart a wide and comprehensive knowledge of Modern Physics, Laser, Holography, and Optical Communication. Content on upcoming technologies like Nanotechnology, Spintronics and Quantum computing is to provide a glimpse of the cutting edge technologies which have transformed the society. Physics department also offers the minor courses in non-physics major program likes Forensic Sciences, BSc Law, and other Honors program in Basic Sciences and Engineering. Department is engaged in producing quality research in diverse areas, e.g. Solar Astronomy, Condensed Matter, Plasma Physics, Hydrogen Energy, Microwave Electronics and High Energy Physics and intra-disciplinary research also. All faculty members are highly qualified with the institution of international repute and potential excellence having wide teaching experience. Numbers of significant research publications have been published in international SCOPUS / SCI Indexed or in peer reviewed journals.

Department emphasizes on nurturing the physics in young generations through courses, projects and seminars, and exposures of invited talks by eminent speakers from NASA, BARC, IUCAR (Pune), Department of SAFAR and Meteorological (Govt. of India), University of Sheffield, UK and many others. Faculty members constantly guide the students to orient them for higher studies and career development. The achievements count the student's IAESTE Internship at GERMANY, Projects at Vikram Sarabhai Space Centre (ISRO), Atomic and Minerals Directorate (DAE), Solar Observatory - A unit of Physics Research Laboratory (PRL), Ministry of Earth Sciences and at other various national level institutes. The motivational academic environment inspires the students for higher studies or research program through JAM/JEST/NET. Best efforts are done to facilitate the theory through the dedicated labs (including Dark Room), equipped with electrical, electronics, thermodynamics, mechanical, optical and nuclear experiments.



**Dr. Vishal Jain (PT)**  
Prof. & HOD



## FACULTY OF ALLIED HEALTH SCIENCES

18 Years of Academic & Clinical Experience  
BPT (SVNRTAR Govt. of India Institute) MPT (SBSPGI)  
**Founder :** Indian Academy of Manual Therapy  
Teacher of Manual & Advance Therapy Courses  
Rigid Taping Technique  
Cupping Therapy/Mijamah  
Muscle Energy Technique (MET)  
Self Design Mobilization (No Grading System)

The School of Allied Health Sciences is established with the objective of producing skilled manpower in different areas of health sciences for better healthcare. The major contribution of the Allied Medical Professionals is in strengthening the medical and health services by being the major support system to medical and health sciences. The course structure and curriculum of different academic programs and courses framed and designed by eminent academicians and professionals keeping in mind the present requirements and future needs of the recent medical services and health industry. The increase in number of patients, variety of diseases and the demand for immense treatment have paved the way for Allied Medical Professionals providing better quality to human healthcare. We offer regular mode of teaching supplemented by an intensive and rigorous practical training that equips the students with knowledge of the latest techniques. The ultimate aim is to provide higher education in the area of medical teaching, research and health technology that not only give good career opportunities but could in turn contribute in creation and enhancement of such a work force in the future.

### Programs offered by Faculty of Allied Health Science

Program	Duration	Branches/Specialisations	Annual Fee	Eligibility
BPT	4 Years + 6 Months Clinical Internship	Bachelor of Physiotherapy	65,000/-	10 + 2 (PCB) with minimum 50% aggregate marks in related subjects from a recognized Board of School Education or equivalent.
BMLT	3 Years + 1 Year Internship	B.Sc. (Bachelor of Science) Medical Laboratory Technology	65,000/-	10 + 2 (PCB) with minimum 50% aggregate marks in related subjects from a recognized Board of School Education or equivalent.
BRIT		B.Sc. (Bachelor of Science) Radiation and Imaging Technology		
BOTT		B.Sc. (Bachelor of Science) Operation Theatre Technology		

**Note:** Relaxation of 5% marks in minimum eligibility criteria shall be given to the candidate who belongs to SC/ST/Rajasthan state OBC Non-creamy layer / women category.

### Bachelor of Physiotherapy (BPT)

BPT is a four and half year undergraduate program offered by JECRCU for Allied Health Sciences. Physiotherapy or Physical therapy is an allied Medical profession that, by using mechanical force and movements (biomechanics or kinesiology), manual therapy, exercise therapy, electrotherapy, remedies impairments and promotes mobility and function. Physiotherapy as a profession originated during the First World War for rehabilitating the musculoskeletal injuries of soldiers. In India, the advent of Physiotherapy was in 1952 following a major epidemic of Poliomyelitis in Mumbai. In 1953, first school and centre for Physiotherapy was established in Mumbai. Owing to its multidisciplinary significance, Physiotherapy started to expand across multiple specialties from Orthopedics and Neurology to Pediatrics, Obstetrics, Gynecology, Geriatrics, Sports and Exercise sciences, Community based rehabilitation etc. In 21st century, Physiotherapy has been recognized as the most vital healthcare system to combat the physical health issues. The department has been constantly growing in stature through guidance from the eminent academicians and prominent physiotherapists including visiting faculties. The Department owes its gratitude to its unrelenting faculty and integrated curriculum that combines self-directed learning opportunities with high quality tutorials and hands on clinical training. We, at JECRCU are determined to raise the bar in Physiotherapy education across the country by promoting quality, add innovative learning strategies and provide unmatched clinical exposure to make the Department the best in the country. We firmly believe in the values that are most relevant to the health community and professional integrity. Team work is essential as this job necessitate the person to work in partnership with other healthcare providers. Other prerequisites necessary are optimistic attitude, compassion and high levels of endurance and dedication. It is a common consensus that skills and knowledge are more vital than mere attainment of degrees. Hence, the department is committed to shape the student into a competent professional who are poised to take up professional opportunities in academic career of teaching and research, reputed hospitals, clinics, fitness centers, community health centers, rehabilitation centers and sports team or can continue with own private practice. A Physiotherapist can find opportunities across the globe.

### B. Sc. (Bachelor of Science) Medical Laboratory Technology (BMLT)

BMLT is a four year undergraduate program offered by JECRCU for Allied Health Sciences. Medical Laboratory Technology is an Allied Health specialty concerned with the diagnosis, treatment and prevention of disease through the use of clinical laboratory tests. Though the Medical Lab technologists spend less time with patients than doctors and nurses, medical laboratory professionals are just as dedicated to patient's health. As vital members of the health care team, medical laboratory professionals play a critical role in collecting the information needed to give the best care to an ill or injured patient. The fact is that the practice of modern medicine would be impossible without the tests performed in the laboratory. Medical laboratory professionals have unlimited choices of practice settings. Hospitals, clinics, nursing homes, public health facilities, and commercial laboratories all have positions open right now for qualified laboratory professionals. In these settings, communication and research skills are highly valued. Employment of clinical laboratory workers is expected to grow as the volume of laboratory tests increases with population growth and the development of new types of tests.





### B.Sc. (Bachelor of Science) Radiations and Imaging Technology (BRIT)

BRIT is a four year undergraduate program offered by JECRCU for Allied Health Sciences. Radiological technology is the production of images of internal organs and structures by passing a small, highly controlled amount of radiation through the human body, and capturing the resulting image on an image recording device. The course is concerned with direct administration of radiation primary x-rays, in disease diagnosis. This branch of Allied Health Science deals with the use of sophisticated technology in medical imaging. In this course students learn various techniques and process to create images of human body or parts and organs for clinical diagnosis purpose. Medical procedures to reveal about disease and other medical problems. Radiation and Imaging professionals have unlimited choices of practice settings. Hospitals, clinics, nursing homes and public health facilities all have positions open right now for qualified Radiation and Imaging professionals.

### B.Sc. (Bachelor of Science) Operation Theatre Technology (BOTT)

BOTT is a four year undergraduate program offered by JECRCU for Allied Health Sciences. Operation Theatre Technology is a detailed technical occupation in the field of health science. These medical professionals are an important part of the operation unit team who work alongside with the surgeon, anesthesiologist and nurse in order to provide quality patient care throughout the surgery. These technicians make sure that every single process in the operation theatre is as secure and flourishing as possible. Their prime duty is to take care of all the work and management of the operation theatre which comprise looking after all the surgical instruments, their sterilisation, preparation of dressing table, operation theatre table, instrument table as well as anesthesia table. They also look after the drugs necessary for surgery, anesthetic gases, drapes and all the linen and their sterilisation. They bring together both sterile and non-sterile tools and at the same time regulate them to make sure that all are functioning appropriately. Team work is essential as this job necessitate the person to work in partnership with other healthcare providers. Must have outstanding dexterity to grip various instruments in complicated ways. Surgical Technicians arrange the operating room prior to and after each procedure, ensuring that it is completely stocked with instrument and sterile disposable items. The major tasks executed by a surgical technician include get ready operating room for surgery; arranging, checking, attaching/ detaching and adjusting surgical equipment's Set patients comfortably for surgery; get ready the patient for surgery by shaving and disinfecting incision sites; supplying equipment according to instruction; solutions and medications to the surgeon sterile dressings at the end of surgery and locating patients to and from the theatre and wards.



**Prof. Mahesh Koolwal**  
Dean & Director



## FACULTY OF LAW

Ph.D (Tax & Personal Law) LL.M.,  
M.A (Econ.) Dip. In Russian, French,  
German **Experience** : 34 years

**Member** : Regional Direct Tax, Advisory Committee, Ministry of Finance, Govt. of India Message of Director and Dean, Sol. With an increasing demand for quality education in law, Sol. was established to produce well- trained motivated and socially sensitive lawyers to serve the society.

With an increasing demand for quality education in Law, FoL is established to produce well trained motivated and socially sensitive lawyers to serve the society.

We attempt to bring excellence in students by nurturing them to become smart, honest and committed lawyers. Such dynamic lawyers ought to have a comprehensive and holistic understanding of the application of law to the facts of the case, and in smartly presenting their cases. JU is committed to make FoL as the best known Law Institute with a vision of becoming a global leader in researching, educating and developing the art and science of law. The teaching method adopted is to promote multidisciplinary inquiry and practical appreciation of problems and it involves lectures, discussions, case studies, moot courts and project work. Faculty members are very accessible with an excellent faculty-student ratio. FoL provides an exciting opportunity for students to interact with teachers. Project assignments are another component of each course that requires both literature survey and field investigations. These methods help in improving research skills, analytical abilities as well as communication skills of the students. For the overall development of the students, we conduct an exclusive period daily for imparting practical knowledge to the students. For this purpose we have four specialized activity cell namely: Moot Court Cell, Law Review Cell, Seminar Cell and Debate and Quiz Cell. All faculty members are engaged in one of these cells to enable them to train the students in particular area of excellence, our unique personalised approach to teacher-student relationship is manifested in this mentor system. Each faculty member mentors a group of 20 students. From the entry of the student till his/her passing out, the student is under the academic guardianship of his/her mentor, who will monitor his/her curricular and extracurricular activities, guiding his/her in the same. We conduct Parent-Teacher Meeting (PTM) once in every semester. The purpose is to update parents of the academic growth of their ward and to receive feedback on the course.

### Career Opportunities

Legal profession in India has undergone a significant change over the last few decades. Nowadays, law experts mark their presence not only in the courts but also in the companies and law agencies & firms. Law is the only field in which one can start one's career right with an undergraduate degree unlike many other fields. After studying law, one can also opt to serve in State or Indian Administrative and Judicial Services. Unlike in the past when legal practice was considered a family profession through generations, the field is now witnessing successful first generation lawyers in large numbers. For overall development of the student, we conduct one exclusive period daily for imparting practical knowledge to the students. We have four specialized activity cells: Moot Court Cell; Law Review Cell; Seminar Cell; Debate and Quiz cell. Up to 10 semester students join internship compulsorily at following Platform:

- Supreme Court, High Court, District and Session Court, Law Commission of India, Various Ministries of Government of India, Human Right Commission, Women Commission, Office of Police Commissioner, Registrar of Company, Banks, Law Firms, Insurance Company, Real Estate Company.
- Senior Advocates, Legal Cell of PSU, Income Tax, Excise, Customs Office

#### Activities

- Academic Visits: Central Jail, Women Reformatory Jail, Open Jail, Vidhan Sabha and Supreme Court of India.
- Law Learning Beyond (LLB) Series: Eminent experts in the field of Law, Practising Lawyers, Retd. Judges and others dignitaries are being called regularly to interact with the students. During COVID period more than 10 expert lecture were organized in which Mr. Aditya Jain, Advocate on Record, Supreme Court of India, Ms. Shiva Gaur, Advocate at NCLT and CS, Shri Suresh Chaudhary, Former Chief Information Commissioner, Rajasthan, Mr. Kaushlesh Pandey, Legal Consultant, Directorate of Enforcement, Ministry of Finance, New Delhi, Adv. Sanjay K. Chadha (Supreme Court of India), Managing Partner BSK Legal, New Delhi, Adv. Divesh Sharma, President, Indian Lawyers Association, Jaipur, Dr. Panch Rishi Dev Sharma, Assistant Professor, University of Lucknow, Mr. Kartik Adlakha, Senior Associate, Trilegal, Top Law Firm of India, Mr.
- Nishchya Janu, Legal Head, Airtel and Mr. Sunil nath ji, Paras Kuhad and Associates were the eminent speaker.
- Regular Intra –Moot Court Competition as per the guidelines of BCI. Recently organized First Virtual National Moot Court Competition and Memorial Drafting Competition.
- Department also conduct Legal Aid Camps to create awareness among the masses. Recently on International Girl Child Day organized a National Legal Aid Camp in which more than 200 girls participated from all over India.
- A legal aid camp in the village of Peepla, Phagi, Rajasthan to aware villagers various things like water facility, drainage facility, electricity, transport, road accidents, loans, Consumer Protection Act, Juvenile Justice Law.
- A group discussion was organised on three different topics: Should women be allowed in Sabarimala temple?, Ban on Chinese App :A Symbol of Patriotism or Demise of Business Activity and Balancing Freedom of Speech and contempt of Court in reference to Prashant Bhushan's Case.
- An Event 'Mann ki Baat - Shadowing on Farm Bill-2020 was organised.
- Three National Online Quiz Competitions was organized in which more than 200 students participated from NLU's and other prestigious institutions.



Programs offered by Faculty of Law				
Program	Duration	Branches	Annual Fee	Eligibility
Integrated Law	5 Years	<ul style="list-style-type: none"> <li>B.A LL.B (Hons.)</li> <li>B.Sc (LL.B (Hons.)</li> <li>B.Com LL.B (Hons.)</li> <li>BBA LL.B (Hons.)</li> </ul>	1,06,000/-	Minimum 50% Marks in 10 + 2 examination from CBSE or equivalent
LL.M	2 Years	LL.M	75,000/-	Minimum 50% Marks in LL.B. three Year/five year from a recognized University or equivalent

Including 2 international certification per year through Coursera.

**Note:** Relaxation of 5% marks in minimum eligibility criteria shall be given to the candidate who belongs to SC/ST/Rajasthan state OBC Non-creamy layer / women category.

#### Internship Statistics :

FOI provides 100% of internship to its students from II -X semester. Our students were interned at various Government Ministries like Ministry of Coal and Ministry of Environment & Climate Change, Government Organisation like Law Commission of India, State Human Rights Commission, State Women Commission, completion Commission of India, Law Firms like BSK Legal, New Delhi, Stanza Living New Delhi, Chir Amrit Law, Paras Kuhad & Associates, G.D Bansal & Associates, Vikas Kabra & Associates, Trade Innovation Services, Akhil Modi & Associates and other renowned advocates.

#### Activities

- Mr. Rakshit Jamini student of Fourth year has been selected by **Samsung Research & Development Institute, Noida** for 6 month IP internship with an stipend of 24000/- per month.
- Ms. Dharna Rajpal and Ms. Eshita Trivedi have interned at Competition Commission of India
- Ms. Kajal Sen was interned in Law Commission of India.
- Ms. Karatima Diwakar was interned in Ministry of Environment and Climate Change
- Harshit Gupta and Kshitij Sharma has started there startup with the name "Just Justice"
- Natasha Joshi and Jahanni Gangwal has started there Start Up with the name "SeeGo".
- Harshil Munjal has started his Start Up with the name "Ink&Gavel".
- Vikram Sharma has started his Start Up with the name "Path lexis".
- Ayush Chauhan secured third position in All India University Competition in American Football March 2020.
- Samrith Saxena secured second position in Footballacademy at Gorakhpur for Indian team under 21 category.
- A Lawyer is a person who writes a 10,000 – word document and calls it a brief." keeping this vision in mind, the Faculty of Law, JECRC University launched their Legal Newsletter " Lex Majstro." Till today 36 edition were published



**Ms. Shivani Kaushik**  
Head of the Department



## FACULTY OF DESIGN

**Department :** Faculty of Design  
**Qualification :** Advance Jewellery Design Diploma, 21 years of teaching experience; Serving as a Board of Study Member & Examiner for Jewellery Design in various other Universities and Colleges.



Homosapiens since inception have showcased their creativity through various objects, designed by them for decorating either themselves or their homes. If we look at the evolution of human beings since Stone Age, we will find very interesting objects and painting created by them. The creative instincts are visible in small kids whenever they are capable of holding a pencil or a crayon. A visit to various museums across the world will show that human beings were at their creative best at all ages. So the design education, is as old as the human beings themselves. However, the creativity and design education has changed tremendously over a period of time and has taken altogether a new shape today owing to the vast development in technology. Industry, Trade and Commerce are highly dependent on designers to create innovative products, packaging materials, advertisement, brochures, films, garments, apparels and pamphlets etc. Jaipur is one of the largest commercial hubs having a very strong market in Gem & Jewellery, Fashion and Textiles, Interiors and craft products, Graphic, Tourism, Hospitality and Hotels, etc. Faculty of Design intends to provide the contemporary design education with right mix of knowledge and skills to produce globally competent designers not only for the job market but for their own start-ups and entrepreneurial ventures as well. Important academic activities are class room projects, industry interface, research, peer learning and emphasis on entrepreneurship. It lays emphasis on conceptual and hands on experience required for the communication of ideas and understanding design as a process.

### Bachelor of Design (Interior Design)

#### Course Intent

Interior Design addresses the importance of human habitat and the built environment that supports human activities and values. It generates order to the space occupied by people, by making one aware of how the space influences our identity, productivity and wellness. As an interior designer one has the vital task to create intentional spatial interactions that can have a positive effect on human beings in whichever space they may inhabit – working, living or recreational.

The Interior Design program is built to initiate a thoughtful and reactive design process. It facilitates the students to understand and create human habitation spaces through varied understandings of theory, studio, practical skills, live projects, case studies, field trips and encounters with industries and professionals. It also aims at inculcating an environmental awareness within the student for the benefit of human health, well being and productivity.

The students are trained in representative skills through regular studios and a team of specialized Design Faculty that focus on freehand drawing, technical drawing and model making. These skills are further supplemented through elective subjects such as Interior Lighting, Interior Landscape, Sustainable Interior, Set Design, Interior Project Management, Furniture Design and Product Design. The program aims at promoting a holistic approach to the designing process by simultaneously involving inputs from theory, allied subjects and electives into design.

The program pushes the student to become an independent and effective learner and opens up a range of prospects on completion of the course. The industry offers opportunities to young designers in large set ups of architecture, interior design, kitchen design and exhibition design practices. Graduates are equipped to begin their own practice or further their education by applying to study in post-graduate programs ranging from furniture, exhibition, product and interaction design to craft & technology, history-theory-criticism and Energy efficiency & green design.

#### Career Prospects:

The program will develop students as designers in Interior & Architecture Industry. They can work as: Entrepreneur, Interior Designers, Event Designer/ Consultants, Space Planners, Set Designers, Exhibition Designer, Store Designer, Furniture Designer, Product Designer, Visual Merchandiser, Interior Trainers

### Bachelor of Design (Fashion Design)

#### Course Intent

Bachelor of Design – Fashion Design is an Undergraduate degree of 4 years duration. The Bachelor of Design educates students to have a voice in the development of a sustainable world. The program provides students with experiences in using established and emerging technologies in a collaborative atmosphere, where integration is perceived as the driver for responsible and innovative design.

The program teaches that it is the responsibility of the designer to integrate design elements within appropriate social, cultural, ethical and environmental contexts. In their courses, students re-imagine the boundaries of everyday life and bring new vision to objects, graphics, environments, ceramics, jewellery and textiles. The program encourages students to adopt innovative approaches by challenging conventional applications of materials, systems, processes and technologies.

Bachelor of Design (B.Des) degree has an integrated approach to design rather than producing specialists, graduates are flexible with a broad range of skills allowing them to work across a wide range of design disciplines.

Fashion Design provides a holistic input on generic design with more focused approach towards apparel inculcates the ability to develop and channelize creativity. The curriculum hones design sensitization, which balances global fashion aesthetics with an Indian soul. It addresses needs of the export market as well as both couture and prêt à porter clothing in India, expanding and categorizing apparel design into niche segments.

#### Career Prospects:

The programme prepares students to pursue careers as Designers, Freelance Design Consultants, Fashion Bloggers, Design Managers, Stylists, Exhibition and Visual Display Experts, Forecasting and Fashion Trends Forum Organisers, Costume Designers, illustrators, Pattern Engineers and Entrepreneurs.



## Programs offered by Faculty of Design

Program	Duration	Branches	Annual Fee	Eligibility
Bachelor of Design	4 Years	■ Interior Design ■ Jewellery Design & Manufacturing	1,15,000/-	Minimum 50% Marks in 10+2 examination from CBSE or equivalent.
Bachelor of Design	4 Years	Fashion Design	1,55,000/-	Minimum 50% Marks in 10+2 examination from CBSE or equivalent.
Bachelor of Visual Arts	4 Years	■ Graphic Design ■ Painting Design	85,000/-	Minimum 50% Marks in 10+2 examination from CBSE or equivalent.

Including 2 international certification per year through Coursera.

**Note:** Relaxation of 5% marks in minimum eligibility criteria shall be given to the candidate who belongs to SC/ST/Rajasthan state OBC Non-creamy layer / women category.

Bachelor of Design	4 Years	B.Des. (ISD)*	60,000/-	Minimum 50% Marks in 10+2 examination from CBSE or equivalent.
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\*The B.Des. Course Curriculum is designed and developed by JECRC University, Jaipur with Gurukul School Of Design – 'Knowledge partner' for internship and industrial training. The GURUKUL SCHOOL OF DESIGN as 'Knowledge Partner' is a well known organisation having a reputed Board of Management. Qualified faculty and state of the art Infrastructure. The students of B. Des. would take internship at Gurukul School of Design at an additional fee of Rs.5,40,000 p.a. + taxes payable directly to the knowledge partner, i.e. Gurukul Faculty of Design. The merit scholarship not available for B. Des. Course.

### Bachelor of Visual Art (BVA) Painting / Graphic (Applied Art) Course Intent

Essentially, the course is an advanced study of the creation of art in terms of products that can be appreciated by sight, such as:

Painting  
Graphic (Applied art)

The purpose of this qualification is designed to provide BVA graduates with professional training in the visual arts in order to practice as professional artists or in art-related professions. Secondary purposes: The BVA degree provides the local and global communities with leaders in the field of the visual arts who understand the crucial role they have to play in society and who can make a significant contribution to the cultural life of local and global communities through skills and strategies of facilitation, administration and partnerships in the visual arts. Since the BVA enables students to continue with post-graduate studies in Art History and Visual Arts as well as in other art-related fields, its base of scholarly activity is wide.

### Career Prospects:

Four Year Degree Course of Bachelor of Visual Art (Applied Art / Painting) is planned after higher secondary Examination, to provide the student with the means to become a Communication Designer, Visualize, Freelance Artist, and Art Director etc. Moreover they would be qualified for the employment in Advertising Agencies, Government Departments, Corporate Offices, Private Institutions and Establishment at a suitable position and to earn good and handsome living.

### Bachelor of Design (Jewellery Design & Manufacturing) Course Intent

The undergraduate degree program in Jewellery design & manufacturing is a full time course, four year in duration with a shared common first semester. The course is based on integrating design thinking, materials and techniques with traditional sensibilities. The program also



aims to develop and foster links with India's Gems and Jewellery industry at large and the international community. During the course, students develop a conceptual approach alongside a practical understanding of the materials and processes adopted by small and large jewellery artists and manufacturers. The course also develops independent and creative thinking through a series of increasingly complex design projects culminating in an exhibition of student work.

In first year the students are given basic introduction to drawing, 2 dimensional and 3 dimensional designs along with knowledge of art history and is seen as a foundation year. It is the prerequisite for advancement on to specialized programs of Jewellery Design. The design of the curriculum reflects the transition from a closely supervised skill based, taught first year, to an experimental, exploratory approach in the second year, and ultimately the final year, where the student is more self-led. The credit system and modular weight age also reflect this progression with the first year having short tightly controlled specific modules.

the final year having more complex and broader modules like project management, entrepreneurship. The course culminates with a final major project where students demonstrate their accumulated knowledge, skills and expertise.

The second year not only provides students knowledge about basic jewellery drawing, making and material exploration, but also supplements this knowledge with courses in CAD and design theory. The overall aim of the third and fourth year is to give students an opportunity to implement complex design skills, building upon the previous semesters, in particular working on a summer internship. Liaison with professionals in the industry is essential in developing this course develops further integration between the taught courses. However, the emphasis is placed on the self directed project which leads them towards a graduate collection.

### Career Prospects:

The program will develop students as designers in Jewellery Design Industry. They can work as: Jewellery Designer, Jeweller Artist/Studio Jewellery, Silversmith / Goldsmith, Accessory Designer (Fashion, Theatre, Film), Producer, Retailer, Sales/Marketing Consultants, Gemmologist, Entrepreneur, Design Education, Design Consultant, Accessory Designer, Merchandise, Design Managers, Brand Manager and Production Manager.

### B.Des.-4 Years

The 4 YEAR B.Des. Course takes a "liberal arts" approach in studio and project based teaching, across design pathways including fashion design; graphic design, product design and interior architecture design. The necessary technical elements are taught along with design amalgamating local and national projects with a global design culture focus embedded to tackle complex design problems. Embedding management, business, entrepreneurship the program makes it a truly holistic learning experience.

We will be proud to help our students' aspiration into reality through our trans-disciplinary BACHELOR OF DESIGN program. We have created unique tailored program for design pathways. We are passionate about teaching and how to best support student with learning, whilst providing the industry insights to student to be successful. We will provide access to experts in design field of study and alongside developing student talent and career as a successful and confident designer. We will encourage and support student to build own industry contacts while student is with us.

During degree student will have unique learning experiences within heritage sites, places, exclusive places and spaces, as well as having globally renowned and respected designers teach student their knowledge and skills.

In final year student will enjoy the experience of being mentored on, and working in, an industry project with the final collaborative and trans disciplinary project being the ultimate opportunity to showcase student skills and talent to industry partners and celebrities in the field, which will then reflect that students are ready to start their career in chosen pathways.

This Curriculum is designed and developed by JECRC University, Jaipur with GURUKUL FACULTY OF DESIGN - 'Knowledge Partner' for internship and industrial training. The GURUKUL FACULTY OF DESIGN as - Knowledge Partner is a well known organisation having a reputed Board of Management, Qualified faculty and state of the art Infrastructure. The students of B. Des. would take internship at Gurukul Faculty of Design at an additional fee payable directly to the knowledge partner, i.e. Gurukul Faculty of Design.

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## Dr. Abhilasa Kaushik

Head



## FACULTY OF HUMANITIES

M.A., M.Phil., Ph.D., SET, Certificate in French

**Specialization:** English Language Teaching, Second Language Acquisition, Translation

**"The Arts and Humanities aren't just there to be consumed when we have a free moment. We need them like medicine. They help us live."**  
-Barak Obama

Humans live their life in pursuit of satisfaction. Satisfaction in today's world is not just about earning but experiencing the unexplored. Humanities provides the desirable environment to the individuals where they progress towards satisfaction in life instead of running in the rat race. The world is full of humans and not all of them are humane. In today's technologically advanced world, humanity is a skill which arts and humanities foster in the individual to develop human values. Humanities gives us an insight into situations and develop the skill to handle them in a better manner.

School of Humanities at JECRC University fosters these human values, which we learn through competitions and experiences, and makes us tolerant towards others and also helps us to learn something from the people. We welcome you to the class of 2021-22 where your lifelong engagement with life, humanity and success will begin.

Best Wishes!!

### ABOUT THE FACULTY OF HUMANITIES

For the intellectual development of students, to compete with the challenges of the contemporary world, we at School of Humanities have the following unique features:

**International Standards of Syllabi, Highly Qualified Faculty, Internships in every Alternate Semester, Activity Based Learning with "Creativity Cell", "Happiness Cell" and "Reasoning Cell", Free "Bridge Course" for 15 days to help the students from other streams to get acquainted with Humanities.**

### Programs offered by Faculty of Humanities

Program	Duration	Branches	Annual Fee	Eligibility
BA (Hons.)	3 Years	<ul style="list-style-type: none"> <li>English</li> <li>Economics</li> <li>Psychology</li> <li>Political Science</li> </ul>	65,000/-	Minimum 50% Marks in 10+2 examination from CBSE or equivalent
MA	2 Years	<ul style="list-style-type: none"> <li>English</li> <li>Economics</li> <li>Psychology</li> </ul>	70,000/-	Minimum 50% aggregate marks in B.A. in related disciplines from a recognized University

Including 2 international certification per year through Coursera.

**Note:** Relaxation of 5% marks in minimum eligibility criteria shall be given to the candidate who belongs to SC/ST/Rajasthan state OBC Non-creamy layer / women category.

## DEPARTMENT OF ENGLISH

**"English literature is a kind of training in social ethics. English trains you to handle a body of information in a way that is conducive to actions."**

-Marilyn Butler

The Department of English administers courses in English Literature, Communication Skills, Linguistics, Business Communication, Soft Skills, Composition and others with focus on the four skills of language i.e., Listening, Speaking, Reading and Writing to help the students enhance their competence and performance of English language which is much needed in the Global World. The objective is executed through the remedial classes, Language Lab Sessions, Creative Writing Workshops, GD and Job Interview Sessions, Soft-Skills Workshops etc.

The study of English is a protean activity. Department of English at JECRC University will lead you into the realm of history through the study of the authors like Shakespeare, Wordsworth, Chaucer, George Eliot, Virginia Woolf, Amitav Ghosh and many more; it will inculcate you into the realm of philosophy, social criticism and artistic appreciation. Contemporary periodicals shall provide a sociological testament, plus a host of miscellaneous information, from music to medicine.

Our English Language courses are ideal for analytical minds who want to delve into the science of language - an everyday phenomenon which impacts our lives on an individual and a global scale. The student will acquire the skills required for analytical language study alongside the means to apply those skills to the study of historical and present-day English.

### CAREER OPTIONS:

Fiction writers, Script writers, Poets, Social Media, Promoters, Moderators, Anchors, Tourist Guides, Linguists, Orators, News Readers, Translators, Interpreters, Voice Modulators, Motivational Speakers, Academicians, Teachers, Lecturers, Back up for Civil Services, Defence Services, Communicators for the Professional World

We work on the philosophy of "Vasudev Kutumbham". We have been organising the annual literary fest - Wonder of Words for many years now as a collaborative venture. The 9<sup>th</sup> edition of JU WoW was organised in March 2021. This edition of WoW was organised from the previous editions as it was organised in the virtual mode. WoW witnesses the eminent presence of writers, bloggers, directors, theatre artists, poets and other literary laureates. This edition was graced with the presence of Mr. Ajay Sood, Prof. Annie Zaidi, Mr. Abhishek Mudgal and Mr. Ravikant Sharma.



### CREATIVITY CELL :

"CREATIVITY CELL" is supervised by the Department of English. This cell aims at increasing the creativity quotient through various literary, linguistic and people skills pursuits. It conducts weekly activities like Mujhe Likhne Do, Khat Likh Do, Tauterature, Reflection on a Book, Review Khidki, Bindass Boi, which focus on writing, public speaking and media handling skills.

### Objectives:

- To enhance the overall Creativity Index of the society at large.
- To hone the four basic skills of language i.e. Listening, Speaking, Reading and Writing to improve performance in various competitive exams like ILETS, TOFEL, and others.
- To enhance the sense of imagination and creativity to develop expression and optimism.
- To develop a creative environment to provide training to students, faculties and associated members to promote Arts at large and satisfaction of creation in all possible forms.

The creativity cell has organized and hosted many successful events and sessions in both offline and online mode. Some of which are, Live whatsapp Quiz, Tussle with Puzzle, Blogging made easy, Spill the Ink, Touchstones of the society, Taboo Talks with teens, We-Rus-Tea, Carnivalesque: A Virtual Fresher's Party, Express-O, Suno Kahani, Lit Jam and others. This coming year we plan to conduct workshops for honing the listening and writing skills of students along with other activities like Review Khidki, Black-out Poetry, Art Mela and others. A workshop on How to make Podcasts is also in line.

## DEPARTMENT OF PSYCHOLOGY

Psychology is the study of people's behavior, performance, and mental operations. It also refers to the application of the knowledge, which can be used to understand events, treat mental health issues, emotional issues, workplace conflict, and improving relationships. The subject lies at the intersection of applied, educational, and theoretical science. In its primary form, psychology studies people—who and what they are. Everything a person does is connected to the subject. Psychology allows people to understand more about how the body and mind work together. This knowledge can help with decision-making and avoiding stressful situations. It can help with time management, setting and achieving goals, and living effectively. Times have come where we need more mental health practitioners with mental health advocates than ever. Students enroll in psychology courses to utilize the degree as the foundation for graduate degrees in psychology or other disciplines; others use its benefits to enter the workforce in areas involving diagnosing & treating mental health issues which are so prevalent. Our curriculum is designed to offer an inter-disciplinary approach in teaching and learning hence it significantly contributes to the areas of Research, Psychological Testing, community outreach and extension activities. Department also runs its activity cell "Happiness Cell" & has also established "Human Lab" to provide counseling to the students as well as the faculty on campus with the help of the senior students of the department.

### CAREER OPTIONS:

Clinical, Community & Neuropsychologist, Career & Vocational Counselors, Organizational HR Recruiters, Forensic & Criminal Mental Health Professionals, Psychotherapists, Marriage and Family Therapist, Special Educators & Social Workers, UNICEF/ UNESCO Project Managers, Military Psychologist & DRDO Research Analysts

### HAPPINESS CELL

This Cell is supervised by the Department of Psychology and aims at increasing the happiness index of our society and nation. It conducts counseling and workshops at individual and community level.

#### Objectives:

- ➔ To develop a psychological gym to provide training to the students, faculty and other associated members to cultivate ➔ Happiness and subjective well being.
- ➔ To develop character strengths and virtues of students for developing optimism and state of flow.
- ➔ To enhance sense of meaning and purpose to develop goal setting attitude and positivity.
- ➔ To increase overall Happiness Index and quality of life.

Happiness Cell conducts different activities based on psycho dramatic techniques and positive psychology. It has already conducted and hosted many successful events some of which are, Write a Click, An online interactive session with Mr. Devender Tap, Carnivalesque: A Virtual Fresher's Party, Patangbaz, E. The Rainbow Hope, Jaishi Dishi Waisi Sriшти. In the coming year happiness cell will be hosting social outreach programs for improving mental health of the individuals, crisis Counseling activities and work for cultivating happiness through Social Relationships. A Workshop on "Behind the Rainbow: Understanding Psychotherapies" and a seminar on Celebrating Life are also in line.

## Department of Economics

Economics is a social science which uses scientific methods to understand how scarce resources are exchanged within society. Economists study theories and techniques useful for developing policies in government as they have a deep understanding of how to create efficiency in today's world.

The study of economics helps people understand the world around them. It studies people, businesses, markets and governments, and therefore provides solutions to the threats that emerge when situations change. Economics majors are well-positioned in an ever-changing world because they have problem solving and analytical skills that allow them to succeed in all walks of life. As a broad subject, economics provides answers to a range of health, social and political issues that impact households and wider communities.

Department of Economics, at JECRC University facilitates development of critical-thinking, analytical and problem-solving skills to examine data and support good decisions. The focus of our curriculum on, concepts of tax and inflation, interest rates and wealth, inequality and emerging markets, and energy and the environment, industrial aspects of the subject make the students ready to embrace the future.

### Career Options:

Entrepreneur, Data Scientist, Statistical Officer, Banking Professional, Income Tax Department Professional, Custom Service, Indian Revenue Services, Intelligence Bureau, HR in Corporate Sector, SSC, Audit Consultancy, Policy Making

### REASONING CELL

This Cell is supervised by the Department of Economics and functions through Model RBI, Model Dalai Street, Model MSME, and Reasoning and Aptitude workshops.

#### Objectives:

- ➔ To enhance the understanding of mental ability and logical reasoning.
- ➔ To explain the working of an economy in real time.
- ➔ To impart knowledge about the various concepts of Economics.
- ➔ To help students in learning how to solve questionnaires and aptitude tests for various competitive examinations.

It organizes Economics Business fest and helps students prepare for banking and other competitive exams. The cell has already organized and hosted a number of events some of which are, Tussle with Puzzle, Brainwiser, Carnivalesque: A Virtual Fresher's Party and others. In the coming session we plan to host and organize A Model Share Market and activities for enhancing the logical reasoning abilities. A lecture series on Preparing a Budget is also in line.

## DEPARTMENT OF POLITICAL SCIENCE

"The method of Political science is the interpretation of life, its instrument is insight, a nice understanding of subtle, unformulated conditions."

### -Woodrow Wilson

The Department of Political Science is a new addition to the Faculty of Humanities. It has been established in the Year 2021, with an objective to promote the understanding of the social sciences and their relation to the real life.

Politics is all around us. Aristotle called it the "master science" because it influences all aspects of human life: what we can do, what we can say, where we can live, even what we can eat. There is no escaping politics, but we can discover more effective ways to use it by studying Political Science.

Political Science is a broad discipline encompassing American politics, comparative politics, international relations, political philosophy, and law. It explores how individuals exercise power in group settings and the institutions, rules, and processes that are put in place to promote cooperation. Because of its broad character, Political Science overlaps with other disciplines including economics, sociology, psychology, anthropology, communications, and criminal justice. A typical Political Science major will learn about democracy and other forms of government, styles of leadership, the ideas of Plato, Machiavelli, Hobbes, and Locke, the influence of non-governmental organizations in world politics, the formation of public opinion, the role of new social media in politics, and Constitutional law.

### CAREER OPTIONS:

Civil Services, Political Analyst, Legislative Assistant, Social Media Manager, Political Journalist, Marketing Research Analyst, Intelligence Analyst, Academician, Public Relations Specialist, Political Scientist

### SPECIAL MENTIONS

- ➔ The School of Humanities offered **Online Paid Internships to the School Students** in various domains such as Creative writing, Employability Enhancement Skills, Data Collection & Analysis and Personality and Self Assessment, where the students were trained in specific ways to enhance the skills related to the particular domain which will help them to achieve their future endeavours.
- ➔ Research can find answers to things that are unknown, filling gaps in knowledge and changing the way that professionals work. In addition to training the students in the subject, we focus on developing research oriented vision in them. For this purpose School of Humanities has proposed **Research Orientation Workshop**, where the students of the University would be trained to conduct research in their specific discipline and write research papers/articles for the same.
- ➔ Practical execution of concepts widens the scope of understanding in the children. To promote the same the School of Humanities is conducting various **surveys and projects** to give their students an insight into the application of theories and concepts that they read in the class room. Some of these are:
  - Pollution taxes : A case study on abatement of factories nearby JECRC University
  - Blogscape: A blogging project to endorse tourism in Rajasthan
  - Spreading Smiles: An endeavour to spread happiness among the senior citizens in rural areas
  - Bazaar Vichaar: A survey on Consumer Behaviour in Super Markets
  - Satkaar-Ace: A Grooming workshop for the Hospitality Staff
  - Conscious Periods: A case study on Physiological changes during PMS



**Prof. (Dr.) Sanjay K. Sharma**  
Associate Dean (Research)



An internationally acclaimed, a Fellow of Royal Society of Chemistry (UK) Prof. Sanjay K. Sharma, FRSC is a renowned author and Editor of many books, research journals and hundreds of articles from last twenty years. He has authored over 100 Research papers including 10 comprehensive Review articles in high impact journals of International repute and contributed 21 Books from the internationally acclaimed publication houses including Elsevier, Springer (UK), Wiley (Germany), Royal Society of Chemistry (UK), CRC Press Taylor & Francis (USA), Wiley-Scrivener (USA) etc so far. In his current role as Series Editor of Springer's, UK for their prestigious Book Series Green Chemistry for Sustainability, he has been involved in editing of 39 different titles of various international contributors so far. He is a member of American Chemical Society (USA), and International Society for Environmental Information Sciences (ISEIS, Canada) and is also life member of various international professional societies including International Society of Analytical Scientists, Indian Council of Chemists, International Congress of Chemistry and Environment, Indian Chemical Society, etc. Presently Prof. Sharma is working as Professor of Chemistry and Associate Dean (Research), at JECRC University, Jaipur, India.

**Ph. D. Program at JU**

At JECRC University, apart from the regular graduation and post-graduation courses of different streams including Engineering, Science, Management, Humanities, Law, Design, Mass Communication, Agriculture etc., we are excellently running the PhD Program in all these streams. We believe, no university can be developed and progressed without involvement of 'Research' element in its vision and mission. Ph.D. Programs at JECRC University are intense and individual in nature. We are happy to share with you that our Scholars are working hard and doing cutting edge research in various interesting and advanced areas. They are working on synthesis of Biodegradable polymers to 5G Mobile network communication, plant microbiology to environmental toxicology, quantum physics to fluid dynamics, Yoga to cloud computing...and what not. We always welcome the aspirants who have research temperament and zeal of learning new things in their mind and heart. We are here simply to give them sky. Come...open your wings...

JECRC University expresses a commitment to disciplinary, interdisciplinary and multi-disciplinary research across the spectrum of the engineering & technology, management, commerce, physical and life sciences, social sciences and humanities, including supporting research in strategically important and relevant subjects.

Our high-level strategies across the university include retaining and recruiting researchers of the highest distinction and potential across the university, attracting the best research students nationally and internationally. We continue to provide a supportive research environment in which scholars, at every stage of their career, can flourish and develop, encouraging collaboration, regionally, nationally and internationally and effective partnerships with other research institutions, research

agencies, funding bodies/sponsors and benefactors, ensuring that the fruits of the University's research activities are leveraged and disseminated for the benefit of society and the economy, providing the academic and administrative services and facilities needed to facilitate research excellence and knowledge transfer.

**Procedure of Admission**

The admission to PhD programmes would strictly be done on the basis of regulations contained in the PhD Ordinance of the University (which is based on the guidelines of UGC) available on its website.

An applicant possessing any of the following qualification shall be eligible to apply for admission to a Ph.D. programme of the University.

- Candidates who have secured at least 55% marks (without rounding off) in Master's Degree OR equivalent examination from universities/institutions recognized by UGC in the relevant discipline. The other Backward Classes (OBC) belonging to non-creamy layer / Scheduled Caste (SC) / Scheduled Tribe (ST) / persons with disability (PWD) category candidates who have secured at least 50% marks (without rounding off) in Master's degree or equivalent examinations are eligible for admission.
- A member of Institute of Chartered Accountants of India shall be eligible for admission in Ph.D. Program in Management and Commerce discipline but would be required to appear and qualify in Entrance Examination conducted by the University.
- However, candidates having a valid UGC-CSIR JRF / NET qualifications shall be exempted from appearance in the Entrance Test.

- Foreign students shall be registered for admission in Doctor Programme leading to Ph.D. degree if they have a valid research visa issued by Govt. of India for a minimum period of three years and extendable to minimum two years or more.

Applications for admission in the Ph.D. programmes shall be submitted as per details given in the Ph.D. Ordinance. All eligible candidates except CSIR / UGC JRF / NET qualified candidates shall also have to appear in a written test (of 70 marks) to be organized by JECRC University, as per guidelines of the UGC, followed by an interview / presentation carrying a weightage of 30 marks.

Those applicants who are short listed and are found to be suitable shall appear before the Departmental Research Committee (DRC) of the concerned Department for judging the suitability of the research plan and availability of the Guide.

The recommendations of the DRC regarding the research plan of the candidate and proposed supervisors shall be put up in the meeting of the University Research Committee (URC) for approval as per University Rules.

After the approval of the URC and the payment of fees prescribed by the University, a candidate shall be formally registered as a research scholar / student.

A research scholar shall be required to renew her/his registration every year and pay the fees in the manner as prescribed by the University.

For more rules and regulations concerning admission to PhD programmes, the PhD Ordinance of the JECRC University may be referred, which is available on its website.

Doctoral Program				
Program	Duration	Branches	Fee	Eligibility
Ph.D.	Minimum Duration for Ph.D. 3 Years (As per UGC Norms) which is extendable for another 3 Years on Year to Year basis subject to satisfactory progress by the Research Scholar.	Engg. & Technology, Management, Commerce, Hotel Management, Journalism & Mass Communication, Physical & Life Sciences, Law, English, Economics and Psychology. More Disciplines may be added subject to availability of resources.	Admission & Registration Fee Rs. 25000:-  Tuition Fee per year Rs. 50000:-  Thesis Evaluation Fee Rs. 40000:-	Master's Degree (Related Discipline) with minimum 55% marks from a recognized University

**Note:** No Application for Fee refund will be entertained in Ph.D. Programme.

# CORPORATE SPECIALISATION COURSES DETAILS



**B.Tech./ BCA/ MCA (Cloud Computing)**

**Microsoft-** JECRC University has entered into an Agreement with this world's leading IT Company, which enables us to offer joint degree programs in the technology of **Cloud Computing**. Hands-on experience and certification with Microsoft technology skills to land leading tech jobs for the students.



**B.Tech./ BCA (Full Stack Web design; AI&ML; DevOps)**

**Xebia** is a pioneering IT consultancy company, and delivers high-quality services to cover all aspects of digital transformation. Highly experienced trainers will train the students in the domain of AI & ML, DevOps and Full Stack Web Development.



**B.Tech. Computer Science & Business System (CSBS)**

**TATA Consultancy Services (TCS)** - JECRC University is the only University in the state of Rajasthan to offer a 4 Year B.Tech 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.



**B.Tech./ BCA/BBA/MCA/MBA (AI&ML; Data Science-Analytics-Visualization)**

**Samatrix Consulting** is led by IIT Kharagpur, IIM Ahmedabad alumni with rich corporate experience of over 20 years with Intel and Tata Steel. The core team of Samatrix includes seasoned professionals with diverse educational background. It includes alumni from IITs, IIMs and other technical and business streams. This is a full time specialization program in the domain of AI& ML and Data Science.



**B. Tech./ BCA/ MCA/ BBA/ MBA (AI&ML; IOT; Big Data; Cloud Computing; Business Intelligence; Data Security; IT Operations)**

**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. Students will be able to get joint degree in the field of Artificial Intelligence & Machine Learning, Data Science, IOT and many more with certifications.



**B.Tech./ BCA/ MCA (Cyber Security)**

**EC Council** was founded in 2001 by Jay Davis in response to the September 11 attacks to certify professionals who could protect against attacks on electronic commerce. It launched the Certified Ethical Hacker (CEH) program for white hat hackers in 2003. It is a full time specialization program along with certifications in ethical hacking.

Specialisation	Course	About Course
Cloud Computing (Microsoft)	B.Tech./ BCA/ MCA	The practice of using a network of remote servers hosted on the internet to store, manage, and process data, rather than a local server or a personal computer.
Compute Science & Business System (CSBS) (TCS)	B.Tech	This curriculum aims to ensure that the students graduating from the program not only know the core topics of Computer Science but also develop an equal appreciation of humanities, management sciences and human values. The students are also exposed to emerging topics such as Analytics, Machine Learning, Cloud Computing, Internet of Things etc to make them industry ready at the end of four years of study.
AI & ML (IBM) Xebia/ Samatrix	B.Tech./ BCA/ MCA	Machine learning is an application of artificial intelligence (AI) that provides systems the ability to automatically learn and improve from experience without being explicitly programmed. Machine learning focuses on the development of computer programs that can access data and use it to learn for themselves.
IOT (IBM)	B.Tech.	The internet of things, or IoT, is a system of interrelated computing devices, mechanical and digital machines, objects, animals or people that are provided with unique identifiers (UIDs) and the ability to transfer data over a network without requiring human-to-human or human-to-computer interaction.
Big Data & Data Analytics (IBM)	B.Tech.	Big data analytics is the use of advanced analytical techniques against very large, diverse data sets that include structured, semi-structured and unstructured data, from different sources, and in different scales from terabytes to zettabytes.
Cloud Computing & Full Stack (IBM)	BCA / MCA	A full stack developer is a type of programmer that has a functional knowledge of all techniques, languages and systems engineering concepts required in software development. The term "full stack" refers to the technologies and skills needed to complete a project, with each individual component being a stack.
Business Intelligence (IBM)	BBA	BBA Business Analytics is a specialized programme that is aimed to develop business analytics professionals for variety of industries. Business Analytics is a combination of Data Analytics and Business Intelligence. It is the science of analysing data to find out patterns that will be helpful in developing strategies.
Data Security (IBM)	BBA	Data security is the practice of protecting digital information from unauthorized access, corruption, or theft throughout its entire lifecycle
IT & Operations (IBM)	MBA	Students are trained to take on challenges in supply chain design, logistics and supply chain management. It also educates students ways and means of making processes or operating systems easier and efficient to use.
Full Stack Web Design and Development (Xebia)	B. Tech. / BCA	A full stack web developer is a person who can develop both client and server software. In addition to mastering HTML and CSS, he/she also knows how to: Program a browser like using JavaScript, jQuery, Angular, or Vue
DevOps Automation & Cloud Computing (Xebia)	B. Tech.	DevOps is the automation of agile methodology. ... DevOps links with cloud computing are easy to define. The centralized nature of cloud computing provides DevOps automation with a standard and centralized platform for testing, deployment, and production.
Data Science & Data Analytics (Samatrix)	B. Tech./ BCA / MCA	Data analytics focuses more on viewing the historical data in context while data science focuses more on machine learning and predictive modelling. Data science is a multi-disciplinary blend that involves algorithm development, data inference, and predictive modelling to solve analytically complex business problems.
Data Analytics & Data Visualization (Samatrix)	BBA / MBA	Data visualization is the practice of translating information into a visual context, such as a map or graph.
Cyber Security (EC Council/USA)	B.Tech./ BCA/ MCA	Cyber security is the practice of defending computers, servers, mobile devices, electronic systems, networks, and data from malicious attacks. It's also known as information technology security or electronic information security





## DIRECTORATE OF DISTANCE EDUCATION (DDE)



**Prof. (Dr.) Prashant Sahai Saxena**  
Director, DDE

**Qualification:** Ph.D, Computer Science  
JNU, Jaipur

**M.S.:** Birla Institute, Pilani

**Experience :** 27 years

**Research Area :** Data Mining, Software  
Engineering, System Study, Analysis  
& Design.

With no restrictions on age, location, qualification or other parameters, Open and Distance Learning (ODL) Mode is flexible, allowing the learners to attend the counseling / contact programmes, according to their comfort. The idea is to expand access to education to learners, while keeping quality intact. Distance education is a modern system of non-formal higher education for imparting education through broadcasting, telecasting, internet, self learning material, seminars, contact programmes or the combination of any two or more such means of

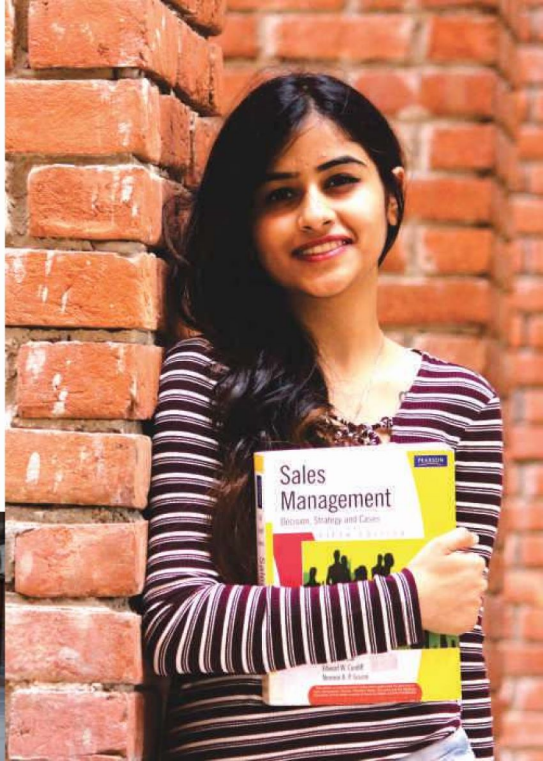
communication. Distance education programmes helps one to keep up-to-date without compromising on the employment. NEP 2020 encourages premier institutions to offer UG and PG programmes through ODL mode. The JECRC University is recognized by the UGC to offer above programmes in Open and Distance Learning Mode vide its Letter No. F.No. 10-11 / 2018 (DEB-III), dated 01-02-2020. Distance education mode is preferred by students for financial reasons or personal commitments. These programmes are priced 20-30 percent lower than full-time courses and students can take them from home. Annual examinations are required to be taken up at test centres.

The Directorate of Distance Education of JECRC University was established in 2019 with objective of offering following programmes in Distance Education mode:

UG Programme	PG Programme
Faculty of IT & Computer Applications • BCA	MCA
Faculty of Management • B. Com. • BBA	MBA

The Directorate is organizing Personal Contact Programme (PCP) during which the faculty members of concerned schools / departments conduct classes and satisfy the queries of the students. The Self Learning Material (SLM) has been prepared / procured by the Directorate with the association of subject specialists / Expert Agencies in the respective areas and the same is updated as and when the changes are brought about in the course curriculum as per needs of the industry.

For more details contact: 9982682493



## Important Instructions for Prospective students Submission of application for admission

Applications for admission shall be submitted online at the University website [www.jecrcuniversity.edu.in](http://www.jecrcuniversity.edu.in) for which application fee of Rs. 500/- is payable for all programs, except Ph.D. Payment can be online system at the time of submission of application. Alternatively, a candidate may purchase Admission Brochure from JECRC University Campus and submit hard copy of the Application Form duly filled either in person in the Admission Department or through post/courier. However, in case the Application Form is submitted by post/courier, the University shall not be responsible for late receipt of the same. The Application Form must reach in the University on or before the last date of submission as given in the Admission Calendar, to the below mentioned address:

**Director  
Admission,  
JECRC University, Plot No. IS-2036 to 2039,  
Ramchandrapura,  
RIICO Industrial Area,  
Vidhant, Jaipur 303 905**

Once the online application for admission is submitted successfully, the system will generate a unique application number which may be noted by the candidates as the same shall act as a Reference Number for all subsequent correspondence till the candidate is actually admitted.

### Notification of Schedule for Physical Counselling for Admission

Look for notices / alerts by clicking the 'Admission Notices/ Alerts' Tab on the home page of JECRC UNIVERSITY website. Students are advised to keep checking their registered email id for mail of counselling. All Schedules for Physical Counselling in the admission calendar Counseling for Admission and other related information will be available in the admission calendar on the website as and when published.

### Physical Counseling for Admission

It is mandatory for the candidates to appear in person for physical counselling for admission before the Admission Committee. The Candidate must bring the following documents in original along with one set of self attested photocopies:

- 10<sup>th</sup> Marks Sheet
- 12<sup>th</sup> Marks Sheet
- Graduation Marksheet
- Post Graduation Marksheet
- Migration Certificate
- Character Certificate from the Institution last attended.
- Caste Certificate (if Applicable)
- Copy of Aadhar card
- 4 passport size colored photographs in formal dress.

On the day of physical counselling, candidates shall report to the Registration Desk, arrange documents in the specified sequence in the file cover given on the spot, appear before the Document Verification Committee for verification of documents and move to the Admission Committee if found eligible.



Admission Committee shall allot the seats to the Candidates in order of merit subject to its availability and the candidates shall be required to deposit fee on the spot either through Demand Draft/ card or online Payment. The seat shall be deemed to be allotted only on submission of fee. If a candidate fails to deposit the fee on the spot, the right to admission shall be forfeited and the seat shall be offered to the candidate next in the merit list. If a candidate reports late for admission on the designated day and time he/she will be offered the seat available at the time of his appearance before the Admission Committee.

All Candidates are advised to report on the day of physical counseling in a formal and presentable dress as a fresh photograph may be required to be clicked on the spot.

All students admitted in various programs shall collect their original testimonials / certificates at the time of allotment of seat against acknowledgment. All such students are also advised to refer to JECRC UNIVERSITY Website for further instructions, if any.

The Admission Committee shall ensure allotment of seats purely on merit. Canvassing of any kind may result in denial of admission.



### Preparation of Merit List

The Merit Lists for each program shall be prepared as per the criteria given in the Admission Brochure/website.

For B.Tech Program the merit list shall be prepared on the basis of JEE-Main 2021, however, the aggregate percentage obtained in class XII is the primary factor, for the list of physical counselling for admission. Candidates are advised to give the respective score in the application form as soon as the results are declared by the respective examining bodies.

Those students who fail to supply any of these results shall go down in the merit list as the case may be.

The ranks in the respective Merit Lists shall be available on JECRC University Website against Application Number printed on the Application Form.

For UG Programs, admission shall be made only if the candidate has been declared pass in the qualifying examination clearly. Candidates having compartment shall not be admitted in any of the UG Programs till their result for the supplementary examination has been declared within the final cut off date of admission. For M. Tech programs, candidates may check the University website for updates/norms of admission.

For PG Programs, candidates may be admitted provisionally subject to fulfillment of minimum eligibility criteria on or before 31-10-2021. For the purpose of preparation of Merit List, the marks scored upto pre final year of the qualifying examination shall be considered for those whose result has not been declared for the final year/ semester. Students having compartments in any of the previous years shall not get credit for the subjects which they have not passed at the time of admission. Admission Committee shall exercise fair discretion to see that based upon the academic performance in exam result which is

available at the time of admission, whether the candidate is likely to meet the eligibility criteria. However, it will be sole responsibility of the candidate to meet the minimum eligibility criteria for admission by the cut off date mentioned above and no relaxation in minimum eligibility criteria shall be granted. For the purpose of determining minimum eligibility criteria, percentage of marks more than 0.50 and above shall be rounded off to 1. However relaxation of 5% marks in minimum eligibility criteria shall be given to the candidates from Women / SC / ST / Rajasthan State OBC Categories, although there is no reservation of any kind except for NRIs for whom 15% of the total seats in all programs are reserved. Above all, each candidate must visit the University website before confirming admission, to accept and abide by the latest norms/rules and regulations in this regard. The design of "Admission" shall be reserved by the University and would be "Final and binding".





### Policy for Withdrawal and Refund of Fees

Candidates may withdraw their admission by submitting an Application Form in person along with original copy of the receipt of the fee deposited to the Office of the Registrar through Deputy Registrar (Academics) in Admin Block for which he/ she must obtain an acknowledgment.

The fee deposited by such a candidate shall be refunded after deducting Rs. 5,000/- provided the candidate has submitted Withdrawal Application 16 days or more before Commencement of the classes. In such cases, the refund of fee shall be made within one month after the first cut off date of admission, through Cheque/Nett in favour of the Candidate only and sent at the address for correspondence through recorded delivery.

A student admitted in the University shall be required to pay fee for the entire duration of the course on annual basis in two instalments. If a student is detained on account of shortage of attendance, he/ she shall be required to register for that particular subject in Summer Semester and deposit fee again @ Rs. 7500 per theory subject and Rs. 5,000 per lab subject in case of B. Tech./ M. Tech./ MBA Programmes and Rs. 5,000 per theory/ lab subjects in other programmes.

It is made clear that if a student leaves the programme/ course of study in between, without completing the programme for whatever reasons, he/she will be liable to pay fees for the balance duration of the programme as well, as per directions of Hon'ble Supreme Court of India in Islamic Academy of Education case.

No correspondence in respect of refund of fee against withdrawal shall be entertained until and unless it is in reference to the acknowledgment No. and Date given by the Assistant Registrar (R & S) at the time of receipt of the Withdrawal Application along with original receipt of the fee deposited. If a student who has enrolled in hostel or

availed transport facility withdraws for the same, refer refund rules. These rules are only for first year students and no refund in case student leaves after 1st year.

### Payment of Fees

#### Schedule of Payment of Fees at the time of admission/ first year:

First Installment: At the time of admission  
Second Installment: On or before 15th November 2021

#### Schedule of payment of fees in subsequent years:

First Installment: On or before 30th April of the calendar year.  
Second Installment: On or before 15th November of the calendar year.

### Late Fee Payment

Those students who fail to deposit fees by the due date shall be levied a fine of Rs. 100/- per day including Sunday / Holidays up to 15 days. The name of those students, who fail to deposit the fee with a requisite fine within 15 days from the due date as mentioned above, shall be struck off from the rolls of the University immediately thereafter. However, such students may be re-admitted with the approval from the Dean / Director of the school concerned after they deposit Rs. 2000/- as re-admission charges along with the fees and fine Rs. 1500/-. The period during which the name of the student remains struck off will not be treated as the inactive period for the purpose of calculation of attendance requirement. If the last date of submission of the fee happens to be a holiday, the next working day shall be counted as the last date of submission of the fee for the purpose of a late fee. No separate notice for depositing fee shall be issued.

### Instructions for Curbing Ragging

As per orders of the Hon'ble Supreme Court, Ragging is a Grievous Offence. Any one indulging in ragging will be severely punished. The punishment may take the form of expulsion from the Institution, suspension from the Institute or classes for a limited period or fine with a public apology. The punishment may also take the shape of (i) Reporting to the police and lodging an FIR (ii) withholding scholarships or other benefits, (iii) debarment from representation in events, (iv) withholding results, (v) suspension or expulsion from hostel or mess, and the like. If the individuals committing or abetting ragging are not/ cannot be identified, collective punishment may be awarded to act as a deterrent.

All cases of ragging will be referred to Anti Ragging Committee of the University. All affected students are at liberty to approach Anti Ragging Committee/Squads on Telephone Numbers prominently displayed in the University. The following will be termed as the act of ragging:

Any disorderly conduct whether by words spoken or written or by any act, which has the effect of teasing, insulting or handling with rudeness any other student(s), indulging in rowdy or indiscipline activities which may cause or are likely to cause annoyance, hardship or psychological harm or to raise fear or apprehension thereof in fresher or junior student(s) or asking the student(s) to do any act or perform something, which such student(s) will not do in the ordinary course and which has the effect of causing or generating a sense of shame or embarrassment so as to adversely affect the physique or Psyche of a fresher or a junior student.

All students enrolled in the University are bound by the directions of UGC/ AICTE and other regulatory bodies in respect of prevention of ragging in educational institution campuses. Hence they are advised to keep themselves updated on their websites.

### Anti Ragging Measures and Online Affidavit Why?

- It is mandatory for every student and his/her parents to submit an anti ragging affidavit at the time of first admission and thereafter each year at the time of annual registration. These are UGC's regulations.
- It is the order of the Hon. Supreme Court that contact details of students must be collected from these affidavits and stored electronically at a central location.
- Uptil now each college collected such information, but it was not stored in any central location, and now Ragging Prevention Program has developed an ON LINE procedure for downloading anti ragging affidavits. As a result college authorities do not have to collect information separately and compile it. It will save a lot of their time and energy.

### How?

It is a simple procedure comprising 3 steps

**Step 1:** Log on to [www.anti-ragging.in](http://www.anti-ragging.in) or [www.annamovement.org](http://www.annamovement.org). Click on the button called On line affidavits.

**Step 2:** Fill in the information as desired and submit the form.

**Step 3:** On successful completion you will receive affidavits, both for Students and Parents, through E mail. If you do not have an E mail address please create one before you log in. If your parents do not have an E Mail/Mobile/ Landline Phone number please do not panic. You can give those of your friends or relatives. There is absolutely nothing to worry. If you make a mistake while submitting your form you can start afresh and submit the information again. There is no problem. It is a very easy process.

### National Anti Ragging Helpline

No. 1800-180-5522

### University Rules & Code of Conduct

University Rules are available on its website and students are required to follow the rules and regulations of the University in all aspects. Visit [www.jecrcuniversity.edu.in](http://www.jecrcuniversity.edu.in) for details. PS: The contents of the Admission Brochure are subject to change without prior notice. All disputes pertaining to admission under the domain of Admission Brochure are subject to the jurisdiction of Courts at Jaipur, Rajasthan only.



## Scholarship Scheme New Students Enrolled in Academic Year 2021-22

The University offers Scholarships to all students on the basis of marks in the qualifying examination as per following criteria:

Candidates shall be required to pay other fees as applicable to the programme concerned. Such students shall be required to maintain a minimum CGPA (SGPA in 1st semester) of 8.0 in the first and subsequent semesters without having any compartment in any subject and a minimum of 75% attendance in each subject, failing which the Scholarships awarded shall be withdrawn. However, the review of the Scholarship shall be conducted at the end of even semester every year.

If Scholarship of an admitted student has been withdrawn due to noncompliance of the minimum requirement as

above, the same may be restored after the review of the same at the end of next even semester, provided the student meets the minimum maintenance criteria of CGPA of 8.0 and 75% attendance in each subject during the period. It must be noted that no relaxation in terms of minimum Scholarship maintenance criteria shall be granted. For example if a student gets CGPA of 7.99 or lower or attendance in any of the subjects equal to or less than 75 % shall lose the Scholarship. In addition, suitable free-ship may be considered for high achievers in the field of sports, sons/ daughters of Army Personnel who have been killed in war/ terrorist attack, physically handicapped students etc. on case to case basis.

### JECRC University Scholarship of 2021

Courses	%From	%To	Scholarship as % of Tuition Fee
B.Tech.	70	79.99	20
	80	84.99	25
	85	89.99	35
	90	100	50
All other UG Courses	65	74.99	20
	75	100	30
M.Tech	65	74.99	20
	75	100	30

#### Note:

**Other Condition :** Candidates who are availing any kind of financial assistance from Government or any other private organizations for educational support are not entitled for JECRC University Scholarship. The university can discontinue the Scholarship scheme at its own discretion. The final decision of awarding of Scholarship will be taken by the appropriate bodies of the University.

#### Norms for Renewal of Scholarship :

Such students shall be required to maintain a minimum CGPA (SGPA in 1st Semester) 8.00 in the first and subsequent semesters without having any compartment in any subjects & minimum 75% attendance in each subject, failing which the scholarships awarded shall be withdrawn.



## FEE STRUCTURE ACADEMIC YEAR 2021-22

### TRANSPORTATION FEES

Transportation	Fee	Schedule of Payment	
		1st Installment	2nd Installment*
Bus	30,000/- Per Annum	Rs. 18000/- at the time of Admission	Rs. 12000/- for in the Second Semester

\*Payable in October / November as per notification of University.

#### Note:

- Fee shall be suitably revised in subsequent years based upon actual costs but not more than 10% per annum.
- Fee is being charged for 10 months only, i.e. two semesters.
- Bus facility is provided for two continuous semester. Hence, midyear withdrawal from bus facility is not permitted and no refund will be made against such withdrawal.

### HOSTEL FEES

Room Category	Fee	Schedule of Payment	
		1st Installment	2nd Installment*
Air Condition Room	Rs. 140000 Per Annum	Rs. 84000/- at the time of Admission	Rs. 56000/- for in the Second Semester
Non-Air Condition Room-3 Seated	Rs. 110000 Per Annum	Rs. 66000/- at the time of Admission	Rs. 44000/- for in the Second Semester
Non-Air Condition Room-4 Seated	Rs. 100000 Per Annum	Rs. 60000/- at the time of Admission	Rs. 40000/- for in the Second Semester

\*Payable in October / November as per notification of University.

#### Note:

- One Time Security Rs. 5000/- with first instalment, Non-Refundable.
- One Time TV Charges Fee Rs. 5000/- (Optional in AC Rooms only: Non Refundable)
- Fee is being charged for 10 months only.
- Gymnasium fee: Rs. 1000/- Per Semester (Optional, Only for Hostellers)
- GST as applicable.
- If the hostel operations are suspended temporarily due to any reason beyond the control of the University authorities, the hostel fee will not be refunded. Example : Covid-19, any pandemic, curfew, etc., etc.





## Academic Fees for the Session 2021-22



Courses	Tuition Fee	Other Fee	First Year Fee	Full Course Fee	Alumni Admission Fee One Time, Non-Refundable	First Semester - Alumni & Admission Fee at the Time of Admission	Subsequent Semester	Duration of Course (Yr.)
<b>Faculty of Engineering</b>								
B.Tech.: CSE, Civil, Electrical, Mechanical, Electronic	1,15,500/-	48,500/-	1,85,000/-	6,00,000/-	10,000/-	92,500/-	82,500/-	4
B.Tech.: CSE - with industry specialization	1,20,500/-	55,500/-	1,85,000/-	7,40,000/-	10,000/-	1,02,500/-	92,500/-	4
M.Tech.	48,000/-	21,000/-	70,000/-	1,40,000/-	10,000/-	45,000/-	35,000/-	2
<b>Faculty of IT &amp; Computer Application</b>								
BCA	58,500/-	31,500/-	80,000/-	2,70,000/-	10,000/-	55,000/-	45,000/-	3
BCA - with industry specialization	71,500/-	38,500/-	1,10,000/-	3,30,000/-	10,000/-	65,000/-	55,000/-	3
MCA	70,000/-	30,000/-	1,00,000/-	2,00,000/-	10,000/-	60,000/-	50,000/-	2
MCA - with industry specialization	84,000/-	36,000/-	1,20,000/-	2,40,000/-	10,000/-	70,000/-	60,000/-	2
<b>Faculty of Management</b>								
BBA	65,000/-	30,000/-	1,00,000/-	3,00,000/-	10,000/-	60,000/-	50,000/-	3
BBA - with industry specialization	78,000/-	42,000/-	1,20,000/-	3,60,000/-	10,000/-	70,000/-	60,000/-	3
BBA-Tourism and Hospitality Management	71,500/-	38,500/-	1,10,000/-	3,30,000/-	10,000/-	65,000/-	55,000/-	3
BBA-Banking Financial Service and Insurance	71,500/-	38,500/-	1,10,000/-	3,30,000/-	10,000/-	65,000/-	55,000/-	3
B.Com	48,750/-	26,250/-	75,000/-	2,25,000/-	10,000/-	47,500/-	37,500/-	3
MBA	97,500/-	37,500/-	1,25,000/-	2,50,000/-	10,000/-	72,500/-	62,500/-	2
MBA - with industry specialization	1,01,500/-	43,500/-	1,45,000/-	2,90,000/-	10,000/-	82,500/-	72,500/-	2
MSW-Human Resource Management & Industrial Relations	56,000/-	24,000/-	80,000/-	1,60,000/-	10,000/-	50,000/-	40,000/-	2
<b>Faculty of Hotel Management</b>								
B.Sc. Hospitality & Hotel Management	48,750/-	31,250/-	80,000/-	2,40,000/-	10,000/-	50,000/-	40,000/-	3
Bachelor of Hotel Management & Catering Technology	66,500/-	33,500/-	1,00,000/-	4,00,000/-	10,000/-	60,000/-	50,000/-	4
<b>Faculty of Journalism &amp; Mass Communication</b>								
BA in Journalism & Mass Communication	58,500/-	36,500/-	95,000/-	2,85,000/-	10,000/-	57,500/-	47,500/-	3
MA in Journalism & Mass Communication	42,000/-	23,000/-	65,000/-	1,30,000/-	10,000/-	42,500/-	32,500/-	2
<b>Faculty of Science</b>								
B.Sc. (Hons.)	48,750/-	26,250/-	75,000/-	2,25,000/-	10,000/-	47,500/-	37,500/-	3
B.Sc. (Hons.) Data Science	45,500/-	24,500/-	70,000/-	2,10,000/-	10,000/-	45,000/-	35,000/-	3
B.Sc. Pass Course	38,000/-	21,000/-	60,000/-	1,80,000/-	10,000/-	40,000/-	30,000/-	3
M.Sc. - Botany / Microbiology	56,000/-	24,000/-	80,000/-	1,60,000/-	10,000/-	50,000/-	40,000/-	2
M.Sc. - Physics/Chemistry/Maths/Statistics/Zoology/Botany	45,500/-	19,500/-	65,000/-	1,30,000/-	10,000/-	42,500/-	32,500/-	2
<b>Faculty of Law</b>								
Integrated Law	70,000/-	35,000/-	1,05,000/-	5,25,000/-	10,000/-	62,500/-	52,500/-	5
LL.M.	48,000/-	28,000/-	75,000/-	1,50,000/-	10,000/-	47,500/-	37,500/-	2
<b>Faculty of Design</b>								
B.Des. Interior Design / Jewellery Designing & Manufacturing	77,000/-	38,000/-	1,15,000/-	4,80,000/-	10,000/-	67,500/-	57,500/-	4
Bachelor of Visual Art (BVA) / Painting / Graphic Design	56,000/-	29,000/-	85,000/-	3,40,000/-	10,000/-	52,500/-	42,500/-	4
B.Des. Fashion Design	1,05,000/-	50,000/-	1,55,000/-	6,20,000/-	10,000/-	87,500/-	77,500/-	4
<b>Faculty of Humanities</b>								
BA (Hons.) English, Economics, Psychology, Political Science	39,000/-	26,000/-	65,000/-	1,95,000/-	10,000/-	42,500/-	32,500/-	3
MA-English, Economics, Psychology	45,500/-	24,500/-	70,000/-	1,40,000/-	10,000/-	45,000/-	35,000/-	2
<b>Faculty of Allied Health Science</b>								
BPT	42,250/-	22,750/-	65,000/-	2,60,000/-	10,000/-	42,500/-	32,500/-	4
BMLT, BMT, BOTT	42,250/-	22,750/-	65,000/-	1,95,000/-	10,000/-	42,500/-	32,500/-	3

Free ship of 50% of tuition fee shall be given to students having more than 60% marks in qualifying exam in the program B.Tech: Civil Engineering, Electrical Engineering, Mechanical Engineering, Electronics & Communication Engineering.

## Financial Support @ No Cost EMI

ZERO COST FEE LOANS BY MS FINCAP  
ZERO COST FINANCE / EASY REPAYMENT

MS Fincap Private Limited is a Non-Banking Finance Company registered with Reserve Bank of India incorporated under the provisions of Companies Act, 2013. In collaboration with the JECRC University, MSFC is offering Fee Loan at No Cost EMI.

### Features

- Zero interest rate loan.
- Collateral free loan.
- Transparent and hassle free application & approval process.
- Quick approval & disbursement - within 3 to 5 days\*
- Loan upto 100% of academic fees.
- Tailor made repayment options- up to 10 No Cost EMIs.

### Eligibility Criteria

- Student should be a permanent resident in the state of Rajasthan.
- Age of student's co-applicant should be minimum 21 years. Minor student can avail the fee loan facility through his/her guardian.
- Applicant/Co-Applicant should have a good credit score.
- Applicant/Co-Applicant's financials should support the proposed EMIs.



By MSFC

### Step 1

Apply Fee loan by MSFC

Submit Aadhar & Pan Card of Parents

### Step 2

Submit additional Documents for credit analysis.

12 Month Bank Statement | 3 Years income tax return | 3 Month Salary Slip | Business Registration Certificate

### Step 3

Documentation to be done if loan is approved

Fees is paid to the institution on behalf of the parents Cheque & other documents to be submitted.

### Step 4

Start Repaying in Zero Cost EMI's



Contact us

At JECRC University: through our personnel present on the campus to assist you in the process.

[www.edcred.in](http://www.edcred.in) | [info.edcred@msfincap.com](mailto:info.edcred@msfincap.com) | Mob.: 9166845335, 9700014666

## JECRC University

### Admission Withdrawal Policy Refund Rules

#### Ready Reckoner for Refund – (A) Academic Fees

If a student chooses to withdraw from the program of study to which he/she is enrolled, the University shall follow the following five tier system for the refund of fees remitted by the student.

S. No.	Point of time when notice of withdrawal of Admission	Deduction to be made
1	16 days or more before the date of commencement of classes	Rs. 5000/-
2	Within 15 days from the date of commencement of classes	10% of annual fees*
3	Upto 15 days after the date of commencement of classes	20% of annual fees*
4	More than 15 days but less than 30 days after date of commencement of classes	50% of annual fees*
5	After 30 days of the date of commencement of classes	No Refund

\*Inclusive of course fees and non-tuition fees

#### Ready Reckoner for Refund – (B) Bus Fees

If a student chooses to withdraw from the Bus, the University shall follow the following five tier system for the refund of fees remitted by the student.

S. No.	Point of time when notice of withdrawal of Admission	Deduction to be made
1	16 days or more before the date of commencement of classes	Rs. 2500/-
2	Within 15 days from the date of commencement of classes	Rs. 3000/-
3	Upto 15 days after the date of commencement of classes	Rs. 6000/-
4	More than 15 days but less than 30 days after date of commencement of classes	Rs. 15000/-
5	After 30 days of the date of commencement of classes	No Refund

#### Ready Reckoner for Refund – (C) Hostel Fees

If a student chooses to withdraw from the Hostel, the University shall follow the following five tier system for the refund of fees remitted by the student.

S. No.	Point of time when notice of withdrawal of Admission	Deduction to be made
1	16 days or more before the date of commencement of classes	Rs. 5000/-
2	Within 15 days from the date of commencement of classes	10% of annual fees
3	Upto 15 days after the date of commencement of classes	20% of annual fees
4	More than 15 days but less than 30 days after date of commencement of classes	50% of annual fees
5	After 30 days of the date of commencement of classes	No Refund

#### Ready Reckoner for Refund – (C) Hostel Fees

If a student chooses to withdraw from the Hostel, the University shall follow the following five tier system for the refund of fees remitted by the student.

Notice for Hostel fee chargeable for summer semester shall be issued separately.

*Build*  
your  
**WORLD**

