PROSPECTUS
2017

JECRC™
UNIVERSITY
BUILD YOUR WORLD

Content Overview

Knowing JECRC University

Chairperson Speaks

Dear Student,

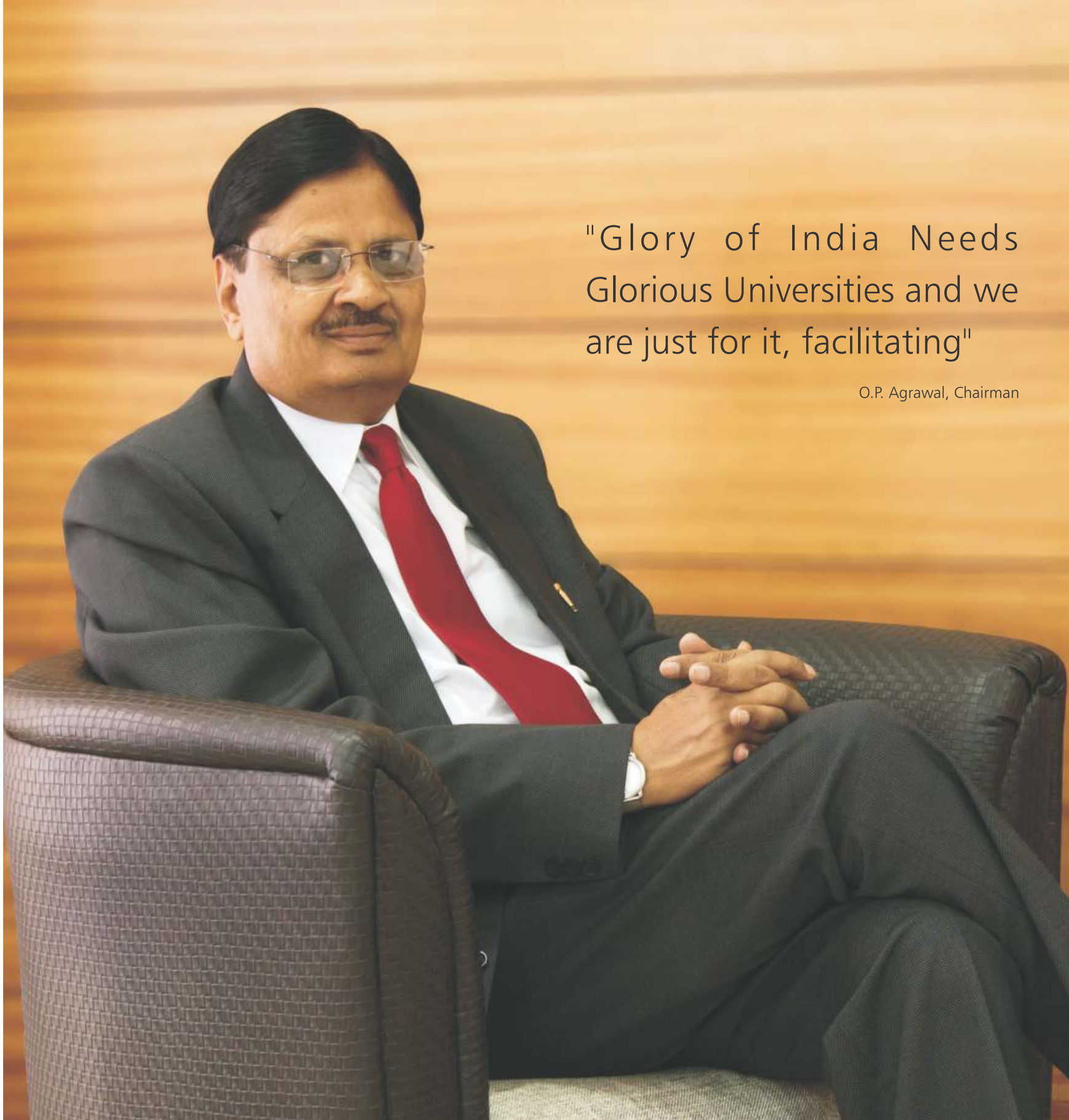
JECRC Foundation believes in the power of our youth. Being a country having a population of the lowest average age in the World, India holds the key to prosperity of the World, if it can empower its youth with good education. We cannot shirk off this responsibility.

The JECRC University has been established with a view to provide world class education to our young minds, so that they can shoulder their global responsibilities in the years to come. As a University, we see our role as a facilitator for our young students to realize their dreams. Hence our motto “Build Your World” with us.

We also strive to help our students in maintaining and spreading the rich Indian culture and lead the World as our Country has done in the past. As you move ahead and rise higher in your life, you must absorb yourself in this unique blessing that our culture endows us.

I invite you to JECRC University to fulfill your dreams.

O.P. Agrawal
Chairman



PRESIDENT SPEAKS

You are at a crucial stage of decision making in term of choosing the right programme of study and institution for yourself, if you are a student or a parent. This is a decision which is going to lay the foundation for a sound career for the young aspirants, who have dreams to succeed in life. The right decision can take students to heights and a wrong decision may lead to anxiety, stress or even trauma.

The only success mantra for the youth to succeed in life is to have the right attitude. JECRC University (JU) is fully equipped to support its students on the path to glory and success. JU has the appropriate physical infrastructure in terms of a serene and beautiful campus, well equipped labs, well stocked library, fully air-conditioned hostel cubicles, mess providing variety of foods, sports facilities and clubs / societies to ensure appropriate learning beyond class rooms. The faculty members at JU come from top notch institutions and industries in India including IITs / NITs, reputed Central / State Universities and even reputed foreign Universities. They love to teach and facilitate meaningful learning leading to all-round development of the students. Internationally reputed Knowledge Partners of JU include KPMG, Microsoft, TCS, Infosys, WIPRO, CADD Centre, University of Alabama (USA), Tennessee Technological University (USA) etc. support the best possible academic delivery in class rooms and labs.

JU curriculum offers various courses, apart from a strong emphasis on domain knowledge and skills, gives equal stress on soft skills including communication, aptitude, leadership & team building, analytical & logical thinking and problem solving. Research is embedded in the curriculum even at UG level. JU campus remains vibrant with co-curricular and extra-curricular activities throughout the year. The University provides opportunities for high and international exposure in foreign Universities and industries at a reasonable / nominal costs. A careful reading of this Admission Brochure shall give you an insight about JU. Joining an appropriate programme of your choice will put you on a journey leading to success, with your commitment.

I welcome you to this temple of learning and wish you a glorious future & splendid life ahead.

Prof. (Dr) D.P. Mishra
President

REGISTRAR SPEAKS

JECRC University is one of the leading Universities in Northern India distinguished for quality education and excellence in Research and Development. We value academic integrity and accountability. The JECRC University has been established with a view to providing world class education to young minds so that they can shoulder global responsibilities in the years to come. Our target is to become a valuable resource for the industry and society through intervention in creation of research, academic and professional enhancement, cultural enrichment and character building. The focus on research and spirit of innovation drives academic orientation and pursuit at the JU. In a short span, JU has successfully acquired a special place in academics and the industry owing to its clear vision and commitment. As a University, we see our role as a facilitator for our young students to realize their dreams with an unfettered spirit of exploration, rationality and enterprise. We endeavor to help our students in preserving and disseminating the rich Indian culture through the world.

Universities are where men/women are moulded, one such place is the JECRC University. Therefore, whoever gets admitted here will get a personal touch and care with conviction to succeed.

Our dream is to implement fundamental understanding with logical reasoning, providing new horizons to think tanks and grey minds. Nurturing young ones with problem based solutions and hands on training to solve real world situations. We believe, leaders will arise from critical learning when at the right place and at right time….

S.L. Agrawal
Registrar

About JECRC Foundation
Introduction

National Society for Engineering, Research and Development, a Society registered under Societies Registration Act, 1958 vide Certificate of Registration No. 623/Jaipur/1998-99 Dated: 01.02.1999 by Registrar of Societies, Govt. of Rajasthan is promoting the society for various Educational Institutions namely Jaipur Engineering College and Research Centre, Jaipur; JECRC UDML College of Engineering, Jaipur; and JECRC University, Jaipur.

JECRC Foundation is an informal body consisting of JECRC Group Educational Institutions and Industry, which is recognised as one of the leading and most preferred higher education groups in North India. The Foundation started its journey about 17 years ago with the setting up of Jaipur Engineering College & Research Centre at Jaipur in the year 2000. Therachem Research Medilab (India) Pvt. Ltd. at Jaipur is the Industrial entity which is a full service contract based organization, offering quality solutions to support drug discovery & development and large-scale synthesis.

The Foundation works in close collaboration with the industry and other stake holders. A case in point is the fact that JECRC is the first institution in the country to become the Microsoft Innovation Alliance (MIA) partner. MIA is being run in 128 countries across the world to nurture innovation at the grassroot level.

The institutions of the JECRC Foundation have a very strong research orientation and culture. The Foundation has a research portfolio of over INR 25 million worth of government funded projects and the outcome is here to see. Seven patents have been filed by students of the Foundation. The students of JECRC benefit from strong research orientation. They get a chance for hands on exposure to research on live projects at Therachem Research Medilab. Therachem is an offshoot of serious on-campus research activities and is now a full-fledged, independent research organisation.

What sets apart JECRC Foundation is its commitment to high quality; industry recognised delivery of education along with cultural and social enrichment of its students.

JECRC has emerged as one of the most preferred engineering colleges among college aspirants in the region. This has been evident from the choices exercised by students, year-after-year. Equipped with modern education infrastructure, the institutions of JECRC Foundation are spread over 1.5 million square feet of constructed area. Currently about 10,000 students are enrolled, of which over 2,500 reside on the campus.

JECRC University

JECRC UDML College of Engineering

Therachem Research Medilab (India) Pvt. Ltd.

JECRC Campus

Jaipur Engineering College and Research Centre, Jaipur (JECRC)

Set up in 2000, JECRC has a state-of-art campus set up in a serene environment, with well-qualified & experienced faculty; excellent management and infrastructure. JECRC ensures academic excellence & overall development of its students. JECRC is the 'most preferred choice for 'B.Tech College in Rajasthan' amongst the aspiring students. JECRC offers five Bachelor of Technology (B.Tech) degree programmes, in first shift and two B. Tech. Programmes in second shift with annual intake of 870 and 120 respectively. All programmes are duly approved by the All India Council for Technical Education (AICTE), New Delhi and are affiliated to the Rajasthan Technical University, Kota. JECRC has a very strong track record of Campus Placements and the Alumni has proved their credentials not only in India but abroad as well. Further details can be seen at www.jecrcfoundation.com

JECRC UDML College of Engineering Jaipur

The JECRC UDML College of Engineering Jaipur was established in 2007; chartering an upward flight into the list of the most preferred and sought after engineering colleges in the region. The college, during the course of providing four Bachelor in Technology (B-Tech) programmes. Situated amidst picturesque surroundings overlooking the Aravali ranges, the ideal location of the college provides for a serene and tranquil environment for students to flourish. Moreover, with a modern infrastructure, intensive workshops and a unique pedagogy in place, the institution is poised to make a mark in the field of technical education. Further details may be seen at www.jecrcuudml.edu.in.

Therachem Research Medilab (India) Pvt. Ltd. Jaipur

Therachem Research Medilab (India) Pvt. Ltd. at Jaipur is the Industrial entity which is a full service contract based organization that offers quality solutions to support drug discovery & development and large-scale synthesis.

The highly motivated proficient experts and the experienced workforce of Therachem Research Medilab are the most valuable asset. They are carefully selected professionals with practical hands-on experience in synthetic organic chemistry, analytical chemistry or medicinal chemistry. They are enthusiastically aspired to deliver high-value chemical synthesis and medicinal chemistry research solutions to our clients.

The site managers and group leaders are experienced scientists with demonstrated leadership qualities and abilities. They supervise the synthesis teams and carry out daily management of projects and documentation.

Scientific leadership team boasts a wide expertise in medicinal chemistry and chemical process research. The leadership team's experience spans over 25 years in designing, directing & synthesizing novel chemical compounds and over 55 years of combined experience in drug discovery research and development. Our research in the areas of antiviral, oncology and cardiovascular diseases has secured desired results and demonstrated success. We possess a proven experience of over 23 years in many aspects of chemical process research and development of drug candidates.

As part of interaction with the neighboring colleges, universities and the scientific community at Jaipur, Therachem Research Medilab has established a hands-on training program for college students who are studying for their Masters of Science degrees in local universities. The top performers from the pool of trainees are given a chance to work at Therachem.

JECRC Foundation Corporate Connect

JECRC Foundation has set an exemplary record in engineering placements with its students being chosen by industry leaders, year after year. 560+ renowned companies have made more than 8400 offers to students in the last 13 years. This year has been exceptional for JECRC umbrella in terms of placements. More than 1250 offers have been rolled out by reputed organizations like TCS, Accenture, Ericsson, Adani Power, Pinnacle, Aon Hewitt, Tata Technologies Limited, Wipro Technologies, HP, Roofpic, ICICI, HSBC, Mindtree and many more. The Foundation has set an exemplary placement record with its students being chosen by industry leaders, year after year. It has been hosting 'Stand-alone Recruitment Drives', where leading business houses participate to test the mettle of the students. Owing to its consistent performance in recent years JECRC Foundation receives top-notch companies for recruiting students.

The session of 2016-2017 at the JECRC University again had a great placements session. In this session 79.55% students have been placed till 28th Feb. 2017. 82+ companies have participated in the placements drive. Top firms like Adani Power, Tata Technologies, Sopra Steria, AON, Anora Lab, Ashiana Housing, ICICI Securities, Pinnacle InfoTech, Mindtree, Anglo Eastern etc continue to be big recruiters at the JU. 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
- System
- Reliance Industries Ltd.
- Tech Mahindra
- Goodricke Precise Steel
- Design
- Steel Design
- Accenture Service Pvt. Ltd.
- Sona Koyo Steering
- Bascan Drugs & Pharmaceuticals
- Zensar Technologies
- Caparo Corporation
- Aviva Life Insurance
- Persistent Systems
- Capital IQ
- Bajaj Capital
- Syntel Inc.
- Godrej & Boyce
- Sriram Fertilizers & Chemicals
- Huawei Telecom
- Asian Paints
- Birla CementJindal Steel
- 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
- 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
- Tecnimont ICB Ltd.
- Perto
- Pinnacle Infotech
- Sopra Steria
- Ericsson
- Wipro
- Capgemini
- Appirio
- Hexaview Technologies
- Honda Motorcycle Pvt. Ltd.
- Bosch India Ltd.
- Unique Builders
- Reliance Jio Infocom Ltd.
- A3Logics
- JCB India Jaipur
- Maruti Suzuki India Ltd.

and many more...

Training and Placement Cell:

JECRC University's Training and Placement cell aims at building a strong interface between the industry and university for training and placement of students.

The Training and Placement cell initiatives include continuous interaction between industries and corporates to understand their requirements of knowledge and skill sets, so as to train human resources accordingly.

The Training and Placement cell engages with the industry practitioners by inviting them for guest lectures, industrial visits, on job training, seminars and arranging for student projects and internships. The department provides career counselling and guidance to its students. Special focus is laid for encouraging the students for 'Entrepreneurship'.

JECRC University's Placement and Training cell operates with the philosophy that a person's Employ-ability, is his/ her-

- Ability to do Intelligent Self Assessment with an objective of exploring personal assets (Skills, Values, Strengths, Needs, SWOT, PEST.)
- Explore opportunities in the market, make informed career related decisions
- Identify and bridge training gaps in terms of assets required for the desired jobs and current inventory of personal assets
- Create a compelling action plan (Effective resume, Cover letter, Preparation for Personal Interview etc.)
- Gain first employment
- Ensure self development throughout their professional career
- Grow in an organization
- Gain subsequent employments

To achieve this objective the Training and Placement cell provides coaching not only on Quantitative aptitude, Reasoning, basic Employ-ability Skills and Business Communication but also on Personal Productivity Skills (Time Management, Problem Solving, Decision Making etc.), Quality (Lean, Six Sigma) and Managerial Skills (Performance Management, Effective Coaching, Team Building etc.), which are rated very highly by corporates across the world. JECRC University has a

tie up T.I.M.E (Triumphant Institute of Management Education) to groom its students on Quantitative aptitude and reasoning for Placements, CAT and Bank PO examination as a part of the curriculum for various Academic Programs.

The Training and Placement cell is working constantly to provide a variety of opportunities to suit the different needs of students. Placement cell not only provides career opportunities to students, but also brings to the students opportunities for internship, exchange programs and campus ambassadorship. JECRC University takes pride in producing maximum number of MSP's (38) in India. Professionals with rich corporate and academic experience manage the Training and Placement cell at JECRC University. Training team looks after the skill enhancement requirements of JECRC University. Training and Placement cell of JECRC University works with a mission of helping students realize their full potential and help them become employable.

JECRC University provides various programmes and courses for UG, PG and Ph.D. in the fields of Engineering & Technology, Commerce & Management, Pure & Applied Sciences, Computer Applications & IT since 2012. Since the first batch of B.Tech students of JECRC University passed out to the current session 2015-16, over 95.96% of the students have been placed in top notch companies like Accenture (110 students) and Tata Consultancy Services (59 students) at a package of Rs.3.30 lakh per annum.

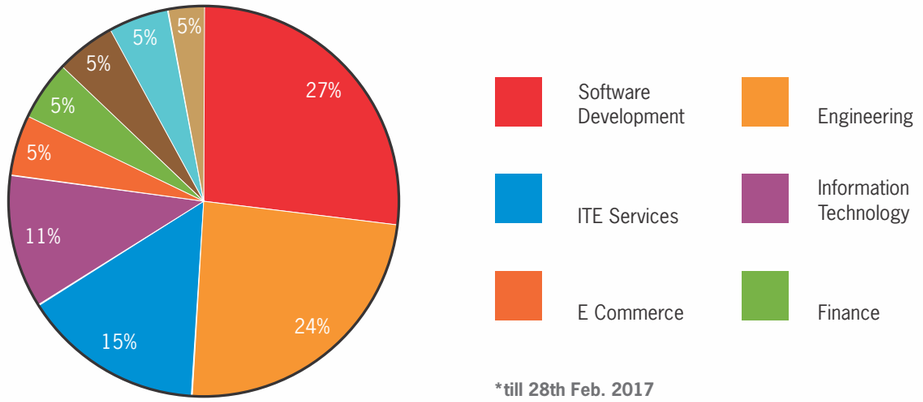
JECRC University also gives serious consideration to pre placement trainings for students of B.Tech. (All branches), BBA, B.Com, B.Sc, BCA, MCA & MBA and delivered a well planned CRT for better placements of students. Having trained through CRT, students were connected to companies for their campus recruitments, as per the placement scheduled received from various firms from time to time. It is a matter of great pleasure to state that big names like Capgemini, Accenture and Wipro took it in right spirit and selected JECRC University as their sole recruitment center for B.Sc and BCA students of Rajasthan.

The session of 2016-2017 at the JECRC University has had a great placement season. In this session 79.55% placements were made till 31st Jan 2017 by 78+ companies who participated in the placements process. Top firms like Adani Power, Tata Technologies, Sopra Steria, AON, Anora Lab, Ashiana Housing, ICICI Securities, Pinnacle Infotech, Mindtree continue to be big recruiters at the JU.

Technology service companies like like TCS, Accenture, Wipro, Capgemini, HP, Hexaview Technologies and E-Commerce firms like Tally Solutions made their presence felt strongly, making offers to 80 % of the class till 31st Jan 2017.

In a significant first this year, as compared to last year, the companies who visited in 2016-17 have showed their concern in selecting candidates. The students who have been selected will support the incipient projects on planned initiatives and implementation of dogmata, that will contribute to their ambitious vision to emerge front running companies across the globe. That is why according to global market trends maximum of core companies and brands such as Adani Power, Pinnacle, Anglo Eastern, Perto, Tata Technologies, Ashiana Housing, Anora Labs, and Ericsson these companies have shown interest in students of JECRC University.

Sectorwise Ratio of Placement



*till 28th Feb. 2017

Top Internships – 2016 batch

Top Internships - 2016 batch					
ISRO	Tata Technologies	Wipro	ARG Group	Unique Builders	Adecco
NTPC	PWD	ASHOKA	Agilent	HCL	Amul Anand
BARC	Jaipur METRO	RIICO	BrillTechno	Adani	Hexaview
IBM	Reliance	ICICI	CodeX	GenX	AoN Hewitt
FSL	Zydus Cadila	NCCS	Xtreem	CrazzlePlus	GiPL

Top Internships – 2017 batch

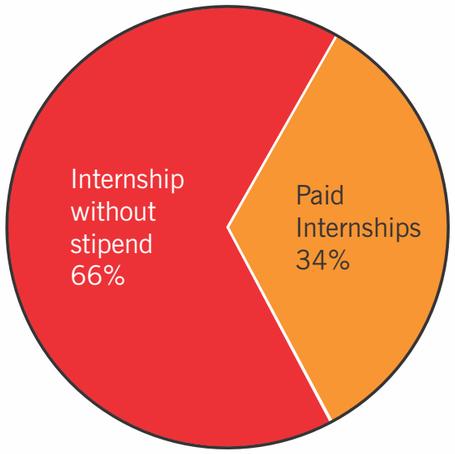
Top Internships - 2017 batch					
NTPC	IFFCO	Satyam Web Solution	Maruti Suzuki India Ltd.	Aircel	Ambuja Cement Ltd.
IBM	Central Railway Loco Workshop Secundrabad	Genx Software	Dcm Shriram Limited	Vision Automation System	Bosch India Ltd.
TCS	Oracle Financial Services	Forensic Science Laboratory, Rajasthan	Axis Bank	DRDO Dehradun	Schneider Electric India Pvt. Ltd.
Hexaview Technologies	Eicher Engines	Baba Automobile Pvt Ltd.	ICICI Securities	Reliance Jio Infocom Ltd.	Jaipur Development Authority
AoN Hewitt	Escort, Faridabad	NBC	HDFC Bank Ltd	Ultra Tech Cement Limited	Honda Motorcycle Pvt. Ltd.
GiPL	Indian Railways	Sopra Steria	Reliance Mutual Fund	Su-KAM	National Electrical Equipment Corporation
ICICI	Jay Bharat Maruti Ltd.	A3Logics	Horizon App. Software Solution Pvt. Ltd.	JK Cement, Nembara (Rajasthan)	IIT, Ropar
Adecco	JCB India Jaipur	Adani Wilmar Ltd	Yo Exchang Pvt. ltd	ARG group	Appirio
Jaipur METRO	Jindal Saw Ltd	GenX Soft Technologies (P) Ltd.	Youstart Education OPC Pvt Ltd	Ashiana Housing LTD	Adnate IT Solutions LLp

Training & Internship

Internship highlights:

- 100% students placed for internships, where not a single student has paid for internship.
- 34% students have got paid internships with stipends ranging from INR 5,000 to INR 20,000 per month.

Internships
Engineering & Management



Objective behind on internship is to provide industry exposure to students, to make them more employable. Internship in the final semester in every program provide students with practical exposure and expertize that can help them get settled in their first job well. Students may apply to any relevant or inter disciplinary field, based on their areas of interest and expertise to fulfill the minimum academic credit as per university curriculum guidelines. Students can earn work experience by participating in an internship.

Training and Placement cell provides Internship Support to the students in their final semester. This support is provided in the following ways:

- Training and Placement cell has a systematic contact program with corporates where companies are invited to interview JU students for internships, on and off campus.
- Training and placement cell provides a systematic hand holding to the interns, to successfully complete their internship. This is executed by Faculty Internship Guides, who maintain a regular review rhythm (Telephone, Email and Personal Visit) as per the Internship guidelines with the Industry guides.
- This is followed by joint evaluation, at the end of the internship, conducted by Faculty internship guide, industry guide and an external examiner.

Startups

JECRC University aims at promoting a spirit of entrepreneurship in the students of the university. An important activity of JU is to provide a platform to the students for initiating startups and to facilitate venture funding. JECRC University has conducted E Summit 1.0 in 2016, 'Ideathon (2016) and E Summit 2.02K17 to promote entrepreneurship among students and young minds of the region. E-Cell JU conducts workshops for creating awareness on entrepreneurship, encouraging technology incubation.

Currently JU has witnessed 7 startups nurturing under its umbrella.

Startups in E-Cell, JECRC University

The TubeLights started in 2014

Founder :Tanay Shrivastava

Thetubelights.com, e-commercial website is an online megastore that provides folks with the best offers on a huge variety of in use products. The company has raised funds and has been incubated in Startup Oasis.

www.thetubelights.com/

DutyDoor started in 2016

Founder : Prateek Kataria MBA 1st Year

DutyDoor is more than just an online servicing store, it not only works for two wheeler servicing, but it also takes your time schedule seriously.

http://www.DutyDoor.com/

ColdFox started in December, 2016

Founder and co-founders: Kunal Nandwana, Gitish Sharma and Chetnnya Jain Btech CSE IV Year.

The ColdFox is a leading interactive virtual reality (VR) production startup. They provide services that redefines the means of entertainment, marketing/promotion, advertising, education, tours and travels, immersive VR content and many such attractive services. ColdFox is not limited to these services only but are innovating to provide new dimensions in VR

Trip -O-Treat started in February 2016

Founder : Ujjawal Khandelwal, BTech CSE II Year

Trip-o-Treat is here to enrich the travelling experience by offering best in class services to the travellers in an organized way and at most economical cost.

http://www.tripotreat.com

Safarnama started in 2016

Founder : Siddhant Batra and Ashutosh Sinha

Here you get a chance to share your amazing travel experiences, discover unique trips and travel itineraries by other travellers & make your connect with other travellers from different background. The company has tied up with OYO hotels and is in the pipeline of registration.

Comets started in December, 2016

Founder : Ritik Kathuria BBA I Year

A local city e-commerce based startup, related to festive occasions. Provide people with the best and affordable variety of products. It's an attempt by one of the First year students to know the working market strategies and concept. The startup is based in the home town of the founder i.e. Varanasi.

Innovatsiya started in 2016

Founder : Rishab Pratap Singh BTech II Year

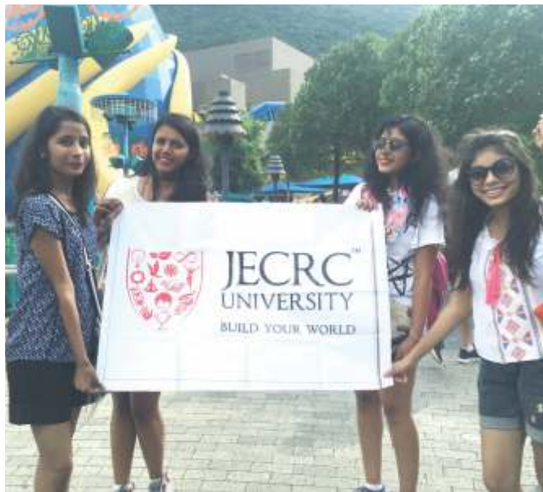
The entitled club INNOVATSIYA is meant for the welfare, development and enhancement of talent and skills of the students in the following sectors:

- Aero modeling
- Robotics
- Automotive

They provide workshops and seminars opportunities to students of school and colleges, so they can learn about the above mentioned fields.

Eminent Colors started in 2017

New startup working in field of cakes and cup cakes with wide variety of designs.



About 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 UGC approved and started its operations and admitted students in various courses w.e.f. the Academic Session 2012-13.

JU Vision

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

JU 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 Values

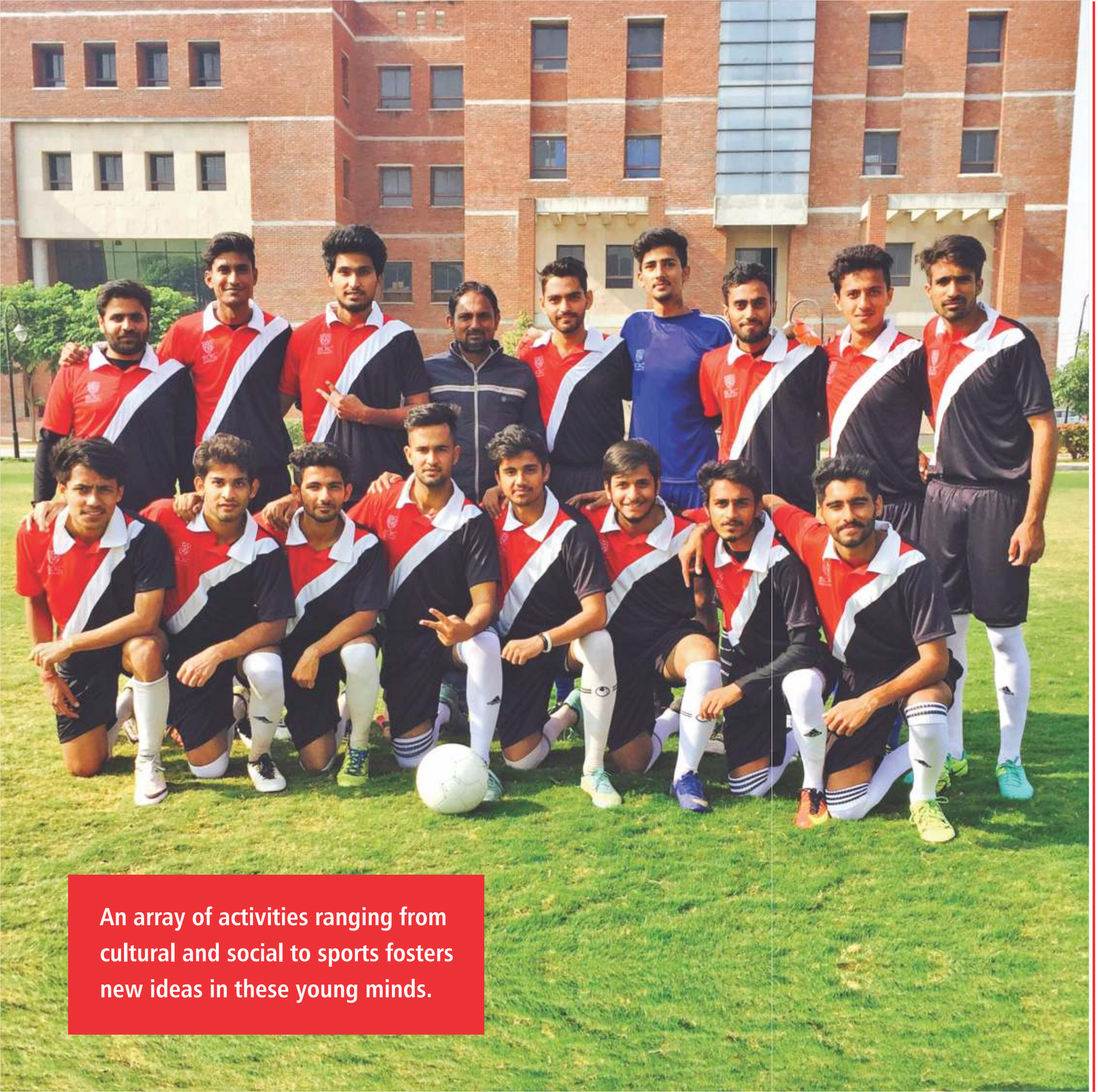
JECRC University is driven by the spirit of innovation-led research. This is spelt out in infrastructure as well as practices. The multifaceted research institute encompasses subject-specific exploration as well as contexts of the business environment in which our students will operate and perform.

JECRC is known for its strong research culture and close industry linkages.

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.

JU 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
- Internationally accepted pedagogy
- Language courses for Global exposure



An array of activities ranging from cultural and social to sports fosters new ideas in these young minds.

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 communicate 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
- unleashing the countless possibilities
- embark on an enduring development journey
- with an irrepressible will to win
- with new ideas and innovation
- a global outlook
- always keeping pace with time
- soar against the winds
- harness the energy that lies within
- spread joy and brotherhood
- with belief in yourself

...Build Your World

Social Activities

"Social interaction is a major aspect of the leisure lifestyle. This is particularly true of adult leisure involvement. In many situations, the social interaction is more significant and important to the participants than the activity itself".

At JECRC University lot of social activities are imbibed in the curriculum to give an exposure & to be part of society at large. This helps in developing a bond amongst students who would become future citizens of this country.

Zarurat

The Help Beyond...!

The JECRC Foundation is well known for its social pursuits. One such initiative is "Zarurat… the help beyond". Through 'Zarurat', JECRC University extends a helping hand to the underprivileged children. It is an organization for social concern working in the direction to provide free of cost but necessary elementary education to the underprivileged children living in the nearby areas of JECRC University, Jaipur.

The ultimate aim of the initiative is to help the underprivileged children succeed in their lives by delivering their right of proper education to all. The initiative is to give not just elementary education to slum children but also introduce them the modern world of learning in a way that every child should have. The program strives and hopes to grow bigger and better with every second and every idea.

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. Zarurat works 6 days a week, 5 days for curriculum related studies and the sixth day for the extracurricular activities for overall development of kids. A skilled core team works for the noble cause and celebrates various activities with those kids.

Through Zarurat, the children are provided with a platform to nurture their talents and develop their personalities.

Blood Donation Camp

Youth are the rising sun of our country, awakening them and their participation in the making of a better society is of utmost value. A Blood Donation Camp was organized for students which was inaugurated by Colonel Nalin Chauhan in presence of Shri. Amit Agrawal, Vice Chairman, JECRC University, JECRC University. Seeing such enthusiastic participation of the youth, has proved to be a motivation for citizens of the country. This year JECRC Foundation has collected 1,100 Units.

VandeMatram

Many events are organised, on 21 Sept 2016 a day marking history in the name of "VOICE OF UNITY", more than 1lac people sang "VANDE MATARAM" creating a national record in the presence of Hounreble Chief Minister of Rajasthan and Ministers. A proud moment for all of JECRC Foundation by being a part of it with more than 5,000 people, by showcasing their presence in this mass strength.

AU Jaipur Marathon - A cause for healthy life style

The 8th edition of India's biggest running festival, AU Jaipur Marathon was held on 5th February 2017 and approximately 2000 students and staff of JECRC University participated in the run. It was a wonderful experience for the participants, as they showcased a sense of keeping one self fit in day to day life.

Social and Cultural Interactions

ISRO

This is the first time in the history of India, that an exhibition was organized in Rajasthan by the INDIAN SPACE RESEARCH ORGANISATION - Exhibition and Outreach Division, in JECRC University, Jaipur from 12th-14th April 2016, with a view to increase the awareness of science and technology among students.

This exhibition displayed models and latest technologies related to spacecraft, launch vehicle, rockets and other technologies developed by ISRO. Launch of mini satellites (water launch) were performed live. In addition, ISRO conducted a one student interaction program, quiz program and debate.

Many prominent scientists from ISRO graced this occasion and delivered expert lectures on launch vehicles, satellites, applications and future technologies!

Passport Awareness Workshop

In continuation of the initiative taken by the Regional Passport Office, Jaipur to provide Passport Services to maximum level. JECRC University organized a Passport Awareness workshop at its premise, to motivate the students for having a passport. The workshop was conducted by Sh. S.R. Meena, Deputy -Regional Passport Officer, Jaipur. He highlighted the objective of this initiative and emphasized on the importance of having a passport. Sh. Janak Singh, Manager, TCS explained the operational and functional aspects in order to apply for a passport. Around 250 students from JECRC University participated in the workshop and benefited from the session.

Food Festival

An innovative & unique thought process added to the golden pages of JECRC University. A 5-day long food festival named "JU Food Fest" was introduced offering the flavors of 5 different cultures. Objective of this festival was not only to serve a variety of cuisines to the students but it was held to bring all of them to a collective platform of knowing each other by culture and by roots.

The food of the five cultures- Rajasthani, Chinese, South Indian, Gujarati, and Punjabi was served from 25th January to 29th January. Celebrity Chef Ranveer Brar and various dignities from the hospitality industry like Chef Japvir Vohra, Chef Durga Singh Rajawat, Dr. Neeraj Rawat visited JU during this festival to share incredible facts about the food we eat.

Udhbodhan Series

- A talk by Prof. (Dr.) Mool Chand Sharma, distinguished Professor of Law in University of Delhi and the Founder Vice Chancellor of Central University of Haryana, on "India at Cross Roads".
- A Talk on "Strategic Technology Management" by Prof (Dr.) GVR Sastry Ji, SELP Harvard, Ph.D IIT Delhi, MBA IIT Delhi, FCMA (Institute of Cost Accountants of India) Chairman-Coastal India Development Council, New Delhi.
- A talk on "Mirage of Plenty: Government Finances in India." By Mr. Shantanu Basu sir, Former Addl. Secy- Finance Ministry.
- A Talk on Digital marketing and its various benefits was delivered.

RHYTHM –JU FEST

About JU RHYTHM, @ju-rhythm.com

"JU-Rhythm 2017" is envisioned as one of the best national level techno-cultural festivals to bring out the talent of budding students. An immense cultural confluence on all levels is set to redefine multiple standards with an exuberant line-up of events in literature, arts, dramatics, music, dance, robowar, hackathon etc. , as well as one-of-a-kind innovative amalgamations of the same. The Big 3- 'Cultural, 'Technical' and 'Business' will be taken to an even bigger spotlight. The participation is aimed to soar much higher than the previous edition.

In addition to students of JU, JECRC Foundation and students from other universities and institutions of excellence such as IITs, NITs, and IIITs. will be encouraged to participate in the fest. Each team from a university/institute will be accompanied by a faculty member. Where girl students are participating, a lady faculty member will accompany the team.

The competitive events included in the fest will help students in building values such as national integration, faithfulness and loyalty to the country, eradication of violence, obscenity, superstition, religious fundamentalism etc. to build a moral character.

For the past five year JECRC University, Jaipur has set higher and 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 through its annual cultural festival "JU RHYTHM" has witnessed numerous enthralling performances by top-notch artists. Comedy Night, Theatre Night, Fashion Show and Prof. Night are the most sparkling, scintillating and happening evenings of RHYTHM. Previously major nights have been decorated by performances from various acclaimed universities/colleges from across India. It attracted primarily students and young professionals of Jaipur. The Fashion Show, The Rock Band Competition, RC Car Competition, Robo War, Street Play, Dance Beat makes the shows cover most of the dimensions of presentable art. The institute has also been helping the young technocrats of India to showcase their technical might and innovative abstractions through its annual technical festival E-Cell. E Cell features a wide array of workshops pertaining to different field of interests.

JU Unique Features

JECRC University aims at holistic development of individuals and the society at large. The University is a large dedicated community in pursuit of knowledge. Our students are taught by academicians who are both world class teachers and researchers. Clubs and associations give the students an opportunity to pursue their interests and hobbies. They are encouraged to participate in cultural, social and sports activities while pursuing their academic programmes.

Initiatives & specialized Resources

JECRC University aims at holistic development of individuals and the society at large. The University is a large dedicated community in pursuit of knowledge. Our students are taught by the academicians who have world class exposure and active researchers. Student's Chapters, Clubs and Societies give the students an opportunity to pursue their interests and hobbies. They are encouraged to participate in co-curricular cultural, social and sports activities while pursuing their academic programmes.

JU Research and Advanced Studies

The University aims at creation of knowledge through research. It helps in shaping innovative thinking and commitment to intellectual challenge. The University offers Ph.D programme in Science, Engineering, Management, Library and Information Science and Humanities. The University also has embarked on sponsored research and Industrial Consultation. The faculty members are encouraged to interact with industry and also government research laboratories for consultancy projects. Students are given real life projects to enhance their applied learning.

JU Technology Incubation and Entrepreneurship Development Centre

The offshoot of research is the formation of Technology Incubation and Entrepreneurship Development Centre. The Centre's ambitious initiative is to attract students to develop their entrepreneurial acumen and taste. The Centre encourages the students to develop new ideas and innovative products. The Centre also mobilizes resources for product designing and undertakes feasibility study on commercial ventures for the products. The University has also garnered momentum with venture capitalists in funding for such innovative products. Workshops and seminars are conducted to provide exposure in design and development of new products and also to encourage entrepreneurial skills.

Department of Science & Technology, Govt. of India has sanctioned a grant of Rs. 1 crore to JECRC University for development of Women Entrepreneurs in the region in the fields of local expertise including Dying and printing technology, gems & jewelry design technology, handmade paper and other decorative items, horticultural technology and health and nutrition of women.

Centre for Future Studies and Industry Alliances (CFSIA)

The Centre for Future Studies and Industry Alliances work to bridge the challenges that are typically faced by today's professionals in a business world growing at an incredible rate. The Centre partners with Industry bodies and designs programmes which are need based and relevant to the corporate requirements. These programmes meet the dynamic demands of the knowledge society by providing the right kind of human resources specific to industry. The programmes are designed to create industry ready professionals equipped with a component skill set, knowledge and attitude. The Centre has tied up with KPMG, CADD Centre, etc. to ensure skill development training to the students enrolled in the University in various programme.

Industrial Relations and Consultancy Cell

The University has a strong relationship with the industry and continues to liaison with different industry bodies. The faculties are encouraged to take consultancy projects with the industries and the students participate in these projects. Frequent seminars and conferences are held and participated with the linkages of these institutions.

E-Cell

Entrepreneurship Cell (E-Cell) of JECRC University aims at promoting a spirit of entrepreneurship in the students of the university. E Cell, Started in 2015, as a student-run club, is recognized as an important organ to create an Ecosystem for Fostering Entrepreneurship at JECRC University. An important activity of E-Cell is to provide a platform to the students for initiating startups and to facilitate venture funding. E-Cell JECRC University has conducted E Summit1.0 in 2016 and 'Ideathon (2016) to promote entrepreneurship among students and young minds of the region. E-Cell conducts workshops for creating awareness on entrepreneurship encouraging technology incubation. An annual fest 'E-Summit1.0' organized by E-Cell provides a wider platform to students for interacting with industrialists, funding agencies, and entrepreneurs.

Currently E Cell JU has witnessed 7 startups nurturing under its umbrella.

E-Cell @NEC 17 IIT, Bombay

JECRC University E-cell has come first as Contingent Winner in NEC IIT Bombay, on a national level.

JECRC University E-Cell stood second in advance leadership competition in NEC IIT Bombay in the entire Country.

E-Summit 1.0

E Summit at JECRC University saw 20 Startups, Angel Investors, mentors, speakers coming together on one Platform of JECRC University for three days of high energy interactions and exciting sessions, with a total participation of more than 500 students. It witnessed top notch speakers like; Ashu Agrawal, Deepak Goyal. The summit was planned as a cultivation of multiple tracks of scouting with a special track of Student Startups and Budding entrepreneurs. Investor's dilemma, Business Pitch, Vartalap, Startup intern fair and IPL auction were the category events conducted. Cash Prize given was 1 Lakh INR worth.

Entrepreneur

This 4-day-long trip had 15 entrepreneurs from all across India, with a few seasoned names from the ecosystem such as Rahul Narvekar, Founder CEO, Indianroots and Kanika Tekriwal, Founder, Jetsetgo.

The Entrepreneur team took students of JECRC Foundation, at a pro bono basis, on this trip. This not only meant interaction with entrepreneurs, but also a great learning experience and exposure to the brilliant minds of the startup ecosystem.

IBM startup Chain Block meet

The session was aimed at exploring Cloud Computing with live demos and presentations spanning IBM Cloud offerings driving through IOT, Watson, DevOps, Block chain capabilities on IBM PaaS by name Bluemix. The benefits offered by Softlayer Bare Metal and Virtual Machine capabilities. JU Students also discussed the IBM Global Entrepreneurship Program (GEP), aimed at collaborating with Startups across the globe.

Ideathon1.0

Ideathon of E-Cell JECRC University was structured to encourage collaboration and exploration. 200 students from various colleges of Jaipur worked in teams, each with a mix of courses, genders and personality types. Saturday night, each team developed business models and networked with each other and other teams . Early Sunday morning, the teams ran their ideas for pitching and winners were finalized. JU- ideathon relied on 17 hour long bursts of intellectual energy, the pace of invention and inventiveness was quick. Ideas were created, discarded and revised in a rapid-fire fashion, which resulted in cycles that almost always offered a broad range of possible answers to critical questions. Prizes of 20,000/- INR were given to winners.

Global Outreach Programme

The University emphasizes the need for global reach to all its participants. The University has strategically partnered with International Universities and research laboratories. The collaborations aim at enhancing and enriching the academic, technical and cultural exposure for JU students.

JECRC University has collaborated with the University of Alabama, and Tennessee Technical University, the leading Universities in the United States of America. This initiative aims at collaborative research programmes, academic and cultural exchange programmes in areas of mutual interest.

Background of JU-Global Outreach Cell (GOC):

Higher education is one of the toughest challenges the world's facing today. It requires 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 the universities. Recognizing the need for international collaboration, JECRC University establishes a Global Outreach Cell comprising of experienced and internationally recognized academicians dedicated to meet global challenges and to work in collaboration, so as to effectively train the future scientists and engineers of the nation.

As businesses go global, so is the need to find talent well-versed in a multicultural environment, in order to effectively learn and work to solve the complex problems of manufacturing and research enterprises located in different countries.

Objective of JU-GOC:

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

a) Long-term objectives:

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

b) JU's 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.

Strategic Planning:

Students exchange for summer internships, master thesis, and faculty visits for working on projects, joint research grants (DST-NSF) are the areas of focus at JU. The GOC at JU is working to identify the mutually beneficial opportunities for the faculty and students and the host institution abroad for pursuing advanced studies, research and training in important technologies and facilitates them with the process, so that aspirants do not find it difficult to pursue their interested training in their interested fields.

Work plan:

JU Global Outreach Cell is intent to provide the following facilities to students.

- Immigration and Visa services
- Language requirements
- Examination requirements (GRE/TOEFL)
- Preparing research plans
- Research proposals
- Course material design
- Setting up new collaborations for students and faculty exchange
- Encouraging faculty members to work on joint research grants such as DST (Indian), NSF (US) joint grant with the US university faculty
- Involve (Ph.D.) students to participate in research grants and laboratory visits in foreign universities
- Collaboration in visiting professorship such as Nehru-Fulbright fellowship

Ongoing Undergraduate Internship Collaboration:

The cell is currently working to match some B.Tech students of JECRC and UDML colleges to projects in computer science at Georgia Tech for summer internships. The cell is also working with University of Missouri, mechanical engineering department to match JECRC B.Tech Mechanical students in projects underway at the University of Missouri.

Other collaborations are being set up with IAESTE (International Association for Engineering Students for Technical Experiences) for exchange internships for undergraduate students on bilateral basis covering universities around that world.

Planned Library:

The cell should be a primary resource of information having publications of the interested countries containing their details about 'work and life' so as to help the visiting faculty and students to those countries. It provides the incoming visitors a set of comprehensive information about Jaipur, Rajasthan and India in general. The cell also provides study and preparation materials for GRE, TOEFL, GMAT examinations to help the prospective JU students for graduate studies abroad. GOC at JU also helps potential aspirants by providing them the necessary information and resources to help them locating appropriate study programs by working in close association with the partner universities and the independent universities as well.

Five year plan for Global Outreach Cell:

- Organize the visits of Embassy/ Consulate staff from Delhi in the near future, the cell plans to invite the respective country's consulate personnel to visit the JU campus on important occasions to showcase the excellent academic environment at JU and to provide the ambassadors an opportunity to get a feel about JU's mission of academic excellence and relevance to solve the toughest global problems such as environment, energy through the scientific discovery and global co-operation between India and the different countries. The consulate staff would really like to get a feel about the city of Jaipur and the JU academic atmosphere so as to bring JU closer to the respective countries in bilateral exchange of faculty and students.
- Visiting Professorship Program, currently DAAD sponsors visiting professor fellowships and US State Department, the Nehru-Fulbright fellowships for deserving qualified faculty members to visit Germany and the United States for conducting advanced research at the host University's laboratories. JU should plan to prepare the potential faculty members for these prestigious fellowships. The successful completion of these fellowships by the faculty members will empower them to help JU students come closer to the institutes of higher learning abroad and is likely to promote teaching and research excellence at JU.

Alumni :

JECRC has a strong base of 9000+ Alumni stationed at various locations across the globe, successful in their respective fields today.

The JECRC Alumni Association Cell works as a centralized department for all campuses of the JECRC family including JECRC University, UDML College of Engineering and Jaipur Engineering College & Research center. The Alumni has been established with the prime objective of strengthening the Alma bonds, with a larger perspective to inculcate a culture, where the Alumni and the present students of the college can be made to interact with each other leading to an ecosystem of multi dimensional growth and future prospects. The Institution values relationships and our association with students is a lifelong bond.

JECRC organizes regular interactive sessions with the alumni and the present students on Entrepreneurship and grooming of the students, placement training, tips and success codes to prepare them for the corporate challenges that confront them. Being at various leading positions, they also assist in placements of the students with their organizations and with peer organizations.

IAESTE is an independent, non-profit, non-political and non-governmental international association that deals with the exchange of students for technical experience. It is an association of member countries, made up of partner agencies representing academic, industrial and student interests. Students pursuing technical education (particularly in science, engineering and the applied arts) are provided with opportunities to apply for paid, course-related, training abroad.

With over 80 countries involved, exchanging over 7000 job offers search year worldwide, it is the largest organization of its kind in the world, affecting around 3,35,000 students since its inception. IAESTE provides students with a unique opportunity to gain relevant technical training that lasts from 4-52 weeks.

IAESTE India LC JECRC is the flagship student exchange programme of JECRC University. It is responsible for delivering unparalleled learning experiences to more than 1000 students since its inception in 2012.

It is an exchange programme under JECRC Unversity, managed by students, which is a first of its kind exchange organization for students enrolled in technical disciplines in India. We provide students with prodigious opportunities to seek international training in their respective fields supplemented by a galore of experience. It is the Indian chapter of the global IAESTE student exchange programme which is patronized by JECRC University.

Since its inception, IAESTE JECRC has been the face of proliferating development. Other facts of IAESTE is the organization of personality development sessions, group discussions, conducting personal interview sessions and a variety of professional tasks for its members. This feature of IAESTE with the student exchange programme sets it as the leader in its category.

Over 400 students enrolled with this programme accomplished traineeships abroad in firms. The year 2015 saw close to 100 students benefiting from IAESTE.

Why IAESTE?

IAESTE is the only organization which provides internship in technical degrees (primarily Science, Engineering, applied Arts and Management) with paid, course-related, training abroad. Grab your opportunity to get a paid internship in countries like USA, Canada, China, Denmark, Germany, Switzerland, Japan, the United Kingdom and many more. Also with the technical internship you'll experience cultural exchange and get a chance to travel different places outside the country.

Benefits of IAESTE

Work Experience:

1. Gain practical experience in foreign industries; research institutes /universities, consulting firms, laboratories, local government etc
2. Stand out to potential employers – make your CV shine.
3. Make professional contacts – the building blocks of tomorrow's world
4. Increase your confidence and utilize your "survival skills"
5. Improve language, social and communication skills
6. Obtain up to date technical knowledge and experience
7. Over 93 countries to choose from

Cultural Experience

1. Enjoy living and working in another country
2. Make new friends and become acquainted with a different culture

Research

1. This unique program aims to aggrandize the research skills of University/college students
2. Students are given the opportunity to work online on projects by Eminent corporates and organizations associated with us in domains such as Sports, Banking, Media, Finance & Insurance, Marketing and International Business, HRM to name a few
3. To improve the quality of research work, each student researcher is guided by mentors and will be eligible to be awarded a certificate acknowledging their contribution and effort on successful completion

Benefits for Students

Allow students more flexibility as they can chose to work on their projects based on their schedules and preferences, and they can do this online from any place. Students can also use the program as a platform to further develop their research and analytical skills under the guidance of an experienced mentor which will help them in the competitive job market and to enhance their employability. A chance to go beyond classroom learning and get a glimpse into the actual business world as they work on real research projects (by corporates) chosen from a wide range of topics. Besides gainful utilization of spare time students can work towards enhancement of their CV. Students are eligible for certification upon successful completion of their project and top researchers may also qualify for scholarships.

Projects

Our program provides students with better practical knowledge and experience. We have a wide array of projects under various categories such as Sports, Banking, Media, Finance & Insurance, Marketing and International Business, HRM to name a few. Some of the project topics we have are:

1. Marketing
2. Finance and Insurance
3. HRM

Sprawling campus spread over

32 acre houses state-of-the-art facilities for a cohesive and safe learning environment

Foreign Students Help Desk

The help desk is to facilitate and assist the International students coming to JU from different parts of the world. The foreign students are provided with information and orientation on the culture and heritage of India. The desk provides counseling session during the admission process and facilitates the students during stay at the campus.

JU's international collaborations extend to research, teaching and student exchange partnerships.

Academic Environment

Central Library

The Central Library is the academic lifeline of the University. The library is open for twelve hours a day and accommodates a large number of students in its reading and referencing halls. The University has gone ahead in making the concept of digital library functional with availability of digital content to enhance the first hand knowledge to students.

A good collection of reference text-books and journals of national and international repute are available to the students. The library subscribes to both national and regional newspapers and magazines and journals for the benefit of students and general readers. The library, in addition to text books, caters to general reading and has a special section for books and journals for competitive examinations. The students have access to the online e- learning portal for integrated learning including NPTEL. This facility is provided to all the faculty members and students of the University.

E-Learning Resources

The students have access to an online e-learning portal for all the study material and also for reference materials. This facility is provided to all the faculty members and students of JU.

The sprawling campus is spread over 32 acre and provides a cohesive, safe environment conductive to learning and an array of cultural, social and sports activities.

Computing Labs

JECRC University has some of the best computer labs, with the latest computing facilities and high speed internet connectivity. The University has 15 computer labs with over 500 computers and 100 MBPS 1:1 network. Also the University is under the initiative of NMEICT to connect technical education institutes through National Knowledge Network (NKN) with a high speed internet facility.

The University system works with an ERP Technology backbone. The entire campus network is connected with latest technology enabled servers and CISCO network equipments. The campus is Wi-Fi enabled.

Computational Simulation and Enabling Technology (CSET) Lab

A Computational Simulation and Enabling Technology Lab has been established at JU. Under this collaborative initiative the lab will equip JU students with expertise in latest simulation techniques. The CSET Lab will enable students to develop high-fidelity, high-performance computing (HPC) numerical simulation tools in the fields of fluid dynamics and structure mechanics. A key tool in modern engineering, advanced computational simulation algorithms is used to solve problems in relevant fields.

Center for Apps and Ideas

One of the recent laudable initiatives of JECRC University is the "Center for Apps and Ideas". The initiative aims to provide training to students in various technical fields which shall ensure that they maintain a competitive edge over their professional counterparts. The first program under this initiative is "Android Application Development" training which kicked off at JECRC University on September 10, 2015. The program involves a professional trainer, training 25 students who were selected on the basis of a written test.

Modus Operandi:

The first phase of the training involved 10 hours of Java training to ensure all the trainees had a strong base for Android App Development. This phase was followed by the basics of Android. The next phase of the training involved working on different components of Android and building small static applications followed by lessons on database connectivity. An important element of the entire training session is regular assessment of students which is done through daily assignments and minor tests.

The next step involves lessons on advanced topics such as GPS, etc. and working on advanced, dynamic applications. The final phase of the training requires every student to build his/her own app based on the lessons given and assessment of the project.

Future Endeavors:

Upon successful completion of this training, the Center shall work on providing classes on other important skills and involve more students in the initiative.

Research, Innovation and Economic Frontiers @ JECRC

Research at JECRC University deals with strategic creativity and recent advances in science frontiers for economic development and hands on training in the lives of people around us. Our world class faculty, research scholars and students are leading with new bubbling ideas to explore new technologies, advanced scientific discoveries harness power of creative thoughts to imbibe the economy of our Nation.

JU strives to promote research, creativity and innovative ideas that encourage the faculty to nurture students and correlate external partners. Research and Development cell at JU is committed towards fostering an open platform not only to young faculty and students but also to support the innovative ideas.

Subject Expert Committee of Department of Science & Technology, Govt. of India (DST) has recommended establishment of Rural Technology Park in JECRC University Campus at a cost of 7 million for which requisite funding was provided by the DST. JECRCians are working on more than 25 million research funding from SEED Division, Women Scientist A Scheme and Cognitive Science Initiative, Department of Science and Technology, New Delhi, Government of India.

JU WTP (JECRC Women Technology Park)

Project sponsor: Department of Science and Technology (DST), New Delhi

Rural Women Technology Park (RWTP) promotes development and adaptation of appropriate local technologies, transfer of proven technologies and demonstration of live technology models to benefit women in general and rural women in particular. RWTP acts as a resource center where all necessary support is made available to women for improving their socio-economic quality of life. JECRC Foundation has chosen local technologies for research and development including Sanganeri prints, Gem cutting, Jewellery design, Handmade paper using cloth wastes, paper-mache, Medicinal and Aromatic plants, cultivation of vegetables and spices, health and nutrition for women, etc. for this Project. Women from the State of Rajasthan are given extensive training and support for starting their own business/ ventures. RWTP is also providing assistance for identifying suitable products/ services for the new ventures, preparing detailed project reports, identifying sources of raw materials, equipment, finance and markets, guidance for various Government clearances etc. from a single platform so that their business becomes cost effective.

The Project envisages training/ support to women population from 3000 households covering about 6000 to 7000 women beneficiaries over a period of 3 years. RWTP shall be a great opportunity for the women of Rajasthan to establish themselves as an independent identity, earning livelihood for their families and raising their head high with self esteem.

Women Scientist A Scheme

JECRC University faculties are not only involved in teaching but also awarded with the country's most prestigious fellowship Women Scientist A. In this project faculty cum women scientist A are working on high technologies for Isolation of pure bioactives from Arid Zone plants with potentials as anti-cancerous, antimicrobial and anti-diabetic agents. These novel bioactives will lead to therapeutic targets for future generation. The project scheme is of 2.5 million (Rs. 25 lakhs) funded from Department of Science and Technology, New Delhi, India to give scientists an opportinity to explore the innovative ideas into drug development. Provisional patents are also submitted for

isolation of novel antibiotic for treatment of Nosocomial infections.

JECRC University has concluded the annual Subject Expert Committee Meeting of 'Women Scientists Scheme (WOS-A)' of the Department of Science and Technology, Govt. of India on 19-21st March, 2016 sixth in the series. More than 90 women participants across the country had presented their progress reports to avail scholarship of more than 5 crores. Through this endeavor the Department of Science and Technology (DST) is providing opportunities to women scientists and technologists between the age group of 30-50 years who desire to return to mainstream science and work as bench-level scientists.

Microsoft Student Partner program

JECRC Foundation is proud to furnish 38 selections under the Microsoft Student Partner program 2015-2016. This is the highest number of selections from any single institute across India.

The Microsoft Student Partner program is an educational and promotional program to sponsor undergraduate and post graduate students majoring in disciplines related to technology, typically Computer Science. MSP Program aims to enhance the student employability and increase student's awareness of Microsoft Technologies. Student Partners are given access to MSDN Premium Subscriptions.

A page called "J Students Ambassador" has been created on Facebook to provide information regarding the student program of all fortune companies.

Wonder of Words "WOW" Literary Extravaganza

It is said that as one lamp lights another, it does not grows less, so too, nobleness enkindles nobleness. The merit of that saying was very evident when Luminaries graced the sanctum sanctorium of JECRC University during the recently concluded Fourth Edition of Wonder of Words. This small effort which started in 2012 has now captivated the audience and is a much awaited event of the year. It is true that one can perhaps glean a bit of their wisdom from reading their work but a personal interaction is another experience altogether.

It is rightly said that , "A true entrepreneur is one who does something radical and someone who jumps off the cliff and builds a ladder on the way down". This is worth considering by the present generation.

We have had the privilege of hosting stalwarts from the field of Arts, Literature, Music and Academics in last four years. The Dignitaries who visited JECRC University were Sheniz Janmohamed, Andrea Di Robilant, Mary Harper, Imogen Edwards Jones, Vikram Sampath, Bhavya Kaushik, Andrew Lycett, Ray Monk, Partha Mitter, Rana Mitter, Peter Godwin,Sheren El Feki, Russel Pullan, Ashwin Sanghi, Dave Goulson, Aruni Kashyap, Hansda Sowendra Shakhar, Meena Kandasamy Om Thanvi, Sahil Maqbool, Alka Saraogi, Prof. R.Raj Rao , Rachel Kelly and Alving Pang, Deepa Agarwal, Prof. Frank Trentmann, Dr. C.P. Deval (Padmashree, Sahitya Academy Award and Bihari Puraskar)

Life@JU Pink City-Jaipur

Jaipur, the world renowned Pink City is emerging as a higher education hub and is an ideal city to study and live. In addition to being India's leading tourist destination, Jaipur draws thousands of students from far and wide.

An interesting mix of modern infrastructure, rich heritage and culture makes Jaipur a very charming city. The city has an excellent infrastructure with all the necessities and comforts of modern day urban living – wide roads, banks, ATMs, hospitals, shopping areas, malls, multiplexes, fitness centers, hotels, cafes, parks – the city is quite affordable with respect to cost of living. Known for their hospitality, the people of Jaipur are really welcoming and helpful. The city is safe and peaceful, especially for women.

Jaipur is abuzz with a variety of business activities across sectors that give students tremendous exposure. National and multinational companies like Infosys, Genpact, Bosch, Deutsche Bank, Wipro, NEC, etc. are present here.

Today, Jaipur is being seen as one of the major centers for top class education in the northern part of the country. It attracts students in large numbers every year for the professional training courses from all sections of society. It has numerous colleges and private universities set up for the purpose of providing quality education.

JECRC University Campus

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 are 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 and 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 will ensure 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 neighborhood or they can live off campus as paying guests in the city area. Either way, students aren't just residents of the campus; they are citizens, users and a vital aspect of one of India's diverse and most interesting cities.

Residential Facilities

On-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, internet access and a pantry making it a complete independent unit. The hostels are air-conditioned, comfortable and conducive for the students to have a productive campus life, providing a perfect setting for academic pursuits.

Hostel Rules & Regulations

Introduction

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 HOSTELS”.

Separate hostels are maintained for boys and girls. The mess and dining facilities are common. All students will adhere to these rules.

I. Rules for Admission in Hostel

- 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 behavior 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 parent / 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.
- 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 purse,

calculators, mobile, computers 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.

- Continuation of stay of a student in the hostel is subject to the discretion of the administration.

II. Hostel Rules & Regulations

- All movements from and to the hostels shall be recorded in the movement register kept with hostel Warden in the hostel and should be properly signed.
- There will be attendance daily in the hostel. The timing for attendance is 10:00 pm.
- The hostel rooms are subject to inspection by the University /Hostel authorities to ensure that they are kept neat and tidy and no unauthorized items like liquor, drugs, lethal weapons etc., are kept in the rooms. Possession of any lethal weapons or any instrument / contrivance, which is likely to cause physical harm to others, is strictly prohibited.
- Wards shall maintain silence in the hostel premises including rooms, bathrooms, corridors and common areas etc., wards shall not cause inconvenience, annoyance or disturbance to others.
- The hostellers shall not enter into any unnecessary conversation, quarrel or altercation with the hostel staff. If anyone has any complaint against any employee of the hostel, a written complaint shall be lodged with the Dy Director Hostels. Use of abusive, vulgar and unparliamentarily language against the hostel/mess staff is strictly forbidden. Any complaint received from staff / faculty towards students will be taken seriously.
- If any hosteller is found indulging in any form of ragging i.e. instigation / intimidation / threat to any other hostellers he / she will be asked to vacate the hostel forthwith. In this regard, the decision of the Registrar shall be final and binding on the individual's concerned.
- Smoking is prohibited in the hostel buildings. Gambling in any form such as playing cards (even without money at stake), consumption of alcohol, use of drugs and narcotics and possession of such things is prohibited. Anyone found indulging in the use of such things will not only be asked to vacate the hostel but may also be rusticated from the University.
- Day scholars are not allowed in the hostel. Hostellers should not encourage entry of day scholars.
- Celebrating birthday and other parties inside the hostel rooms is strictly prohibited.
- Students are not allowed to play cricket and other outdoor games inside the hostels to prevent breakages and accidents.
- When leaving the rooms for attending classes etc., fans, electrical gadgets, lights etc., should be switched off. Windows should be closed securely.
- Hostellers coming to the Hostel after the gate closing hours without prior permission or without valid reason will be fined. Regular late comers will not be allowed to stay in the hostel.
- Water should be carefully used and not wasted.
- Wrong entry, improper / lack of entry in exit register, signing on behalf of another person, tampering with the entries, proxy attendance and misguidance of any nature are punishable. Any quarrel between or among roommates should be reported to the hostel Warden for appropriate action.
- Absentees / Latecomers (without prior permission from the Warden) will be liable for disciplinary action.
- Students coming late or absenting themselves regularly will be expelled from the Hostel. Such students shall not be readmitted to the hostel.
- Students are not allowed to keep any power driven two wheeler / four wheeler vehicles in the hostel campus.
- Use of Laptops:
  1.1. The usage of laptop is permitted for academic purpose only.
  1.2. The University/ Hostel authorities will conduct surprise checks periodically and if anyone is found violating the above rule or surfing illegal sites, disciplinary action will be taken.

  Students should visit the hostel office only during visiting hours. Students should read the circulars put up at all Notice Boards/E-Notice and be updated with the functioning of the hostel.

  Violation of Hostel Rules would result in disciplinary action and serious violations would be referred to the "Disciplinary Committee" for major penalties. The decision of the committee would however be final.

III. Rules for leave & Outing

- Boys will be allowed an out pass form 5:00 pm to 8:00 pm every Thursday. However on 2nd Saturday, university holidays and Sundays the out pass will be allowed from 8:00 am to 8:00 pm. On request night out pass will be allowed only with prior permission of Dy Director Hostels/parents.
- Girls will be allowed an out pass from 5:00 pm to 6:00 pm every day. On 2nd Saturday, university holidays and Sundays, Girls will be permitted to go out from 10:00 am to 6:00 pm.
- Night out pass for all girls will be permitted on the request from the parents to visit local guardian only.
- Proper record of night out pass will be maintained in the hostels.

IV. Mess Rules

- All the students staying in the hostel will take their meals in the University Mess.
- The meal timings as displayed at the entrance of the dining hall shall be strictly adhered to. Meals will not be served outside the prescribed timings.
- Students are required to carry their identity cards while going for meals failing which service in the dining hall is liable to be refused, for want of identification.
- Dining hall furniture like chairs, tables, etc., and utensils are not to be taken out of the dining hall. If anyone is found taking these properties out, he / she will be suitably penalized.
- The Mess kitchen is strictly "Out of Bounds" for the students/ parents / guardians.
- Sick persons will be allowed mess food in the room, only if the student registers his / her name with the hostel Warden.
- The hostellers shall not waste food, electricity & water. Wastage of food is a national loss. If anyone is found indulging in such wastage, he / she will be asked to vacate the hostel, since wastage causes unnecessary and unavoidable expenditure to others.

V. Property Damage and Recovery

- Rough handling of dining hall furniture, room furniture or any furniture/ property or fittings of the hostel is strictly forbidden.
- The cost of damages will be recovered in the following manner:
  - If any individual or group is identified to have caused the damage, double the cost of damaged items will be recovered from him / her / group. Repetition of damage to the hostel property will result in expulsion from the hostel.
  - If damage is done in anyone of the rooms and the person(s) is / are not identified then double the cost will be recovered from the room-mates collectively.
  - If a damage is done outside the rooms i.e., in common places like corridors, recreation halls, mess etc., and the person (s) is / are not identified, then double the cost will be recovered, floor wise or block wise or from all students staying in that hostel as the case may be.
  - Any individual who is found guilty of damaging the property will be fined cost of the item broken + 50% cost of the item, as fine.

VI. Arrangements at the time of Vacation

- All hostel students will vacate their rooms before proceeding on summer vacation.
- A separate cloak room will be made available to keep their belongings while proceeding on vacation. Personal belongings should be placed inside locked suitcases, trunks / boxes which should bear complete details of the student. The items kept inside the room will be entered in the note book kept by the hostel superintendent.
- Students should return to the hostels a day before commencement of classes for the next semester.
- In case a student wants to vacate the hostel, parent's approval is mandatory.

Sports Facilities

The University has provided for sports enthusiasts, a well equipped Gymnasium, Football ground, Basket ball court, Volley ball court, Badminton court and indoor facility for Table tennis.

The University is member of Association of Indian Universities and its teams participate in various national and international tournaments.

The University has also prepared a comprehensive sports development plan for all round personality development of its students. The proposed Sports Complex planned at the campus will reverberate with energy and will inspire students to challenge themselves. Spread over two floors the Complex houses indoor courts and zones for badminton, basketball, and table-tennis besides a recreational area, additionally with a gymnasium. University also provides professional guidance and coaching for specific sports for interested students.

Sports Achievements and Participated

Varchas '16 Sports fest was organized by IIT Jodhpur. JECRC University participated in 5 games – Chess, Basketball, Badminton, Football and Cricket. JECRC University stood 1st In Chess and 2nd In Basketball. The team reached in semi-finals in Football and Badminton.

West Zone Inter University basketball tournament was organized by University of Rajasthan, Jaipur. JECRC University Team won Ist match Against Swarnim Sports University, Gujrat by walk over. Won 2nd Match against Pacific University Udaipur.

JECRC University girls American football team participated in all India University Championship held at MDU Rohtak and won Silver Medal in the Tournament.

JECRC University Football Team participated in West Zone Tournament held at Barkutllah University Bhopal and performed well and closed in top four team.

JECRC University Basketball Team participated in West Zone Tournament held at University of Rajasthan Jaipur and performed well.

JECRC University has some Internationally Renowned Coaches who train the students in various games

Mr. Sayed Miraj Ali is National level player and has played National Youth Football Championship in 2003-04. He is a member of AIFF and also made Rajasthan win Gold in this event.

Mr. Irfan Khan is an International player. Recently he won Gold Medal at University of Rajasthan representing West Zone. Has also represented at Zonal level for the university.

Mr. Himanshu Swami is the Head Coach for the Pro Team of Rajasthan. Has also played Pro League held in Srilanka in 2012.

Mess and Cafeteria

The double storied 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 convenience 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.

Students' Clubs & Societies

Students are encouraged to participate in co-curricular and extracurricular activities through these clubs and societies. The University recognizes the importance of nurturing the talent and provides the resources and acts as a catalyst for the same.

Residential life in JU hostels combines living and learning, both intricately linked with each other. Thoughtfully designed and managed, they provide the perfect setting for the academic pursuits.

Technical Clubs

- Zenith - Aero modeling club
- Technofizi - Robotics Club
- Sanskrit Club (Dancing)
- Swarag Club (Singing,Musical Instrument)
- E-cell - Entrepreneurship and incubation club
- Terra Club
- Armada Club
- Cyber Security Club

Extra Curricular Activity clubs

- Schrieber's - Media Club
- Pictxels - Photography club
- Theater Club (Dramatics)
- English Conversation Club-Literary Club
- 3C (Club Catchy for Cultural)-Cultural Club
- JU Tritons - Sports Club
- Zarurat (N.G.O) - An NGO working towards kids education
- Maverick Club-Marketing Club

Student Chapter of Professional Bodies

- American Society for Mechanical Engineers (ASME)
- Computer Society of India (CSI)
- Association of Computing Machinery (ACM)

Opportunities @ JU

JU Knowledge Partners and Foreign Tie-ups

KPMG International operates as a network of member firm offering audit, tax and advisory services. Member firm clients include business corporations, government and public agencies along with many not-for-profit organizations. KMPG certified courses pursued by our BBA and B.com students equip them with skills which let them flourish excellently in professional atmosphere.

This prestigious foreign tie-up partner of JECRC University in bound to no introduction, Microsoft Corporation is an American multinational corporation headquartered in Redmond, Washington, that develops, manufactures, licenses, supports and sells computer software, consumer electronics, personal computers and services. Microsoft student partner program conducted by Microsoft for JU students majoring in disciplines related to technology, typically computer science, enhances the student employability and increases student awareness of technology.

Tata consultancy services limited (TCS) is an Indian multinational information technology (IT) service, consulting and business solutions company headquartered in Mumbai, Maharashtra. Collaboration proves to be an excellent gateway of recruitment and placements to our accomplished students.

The University of Alabama (UA) is a public research University located in Tuscaloosa, Alabama, USA and offers programs in 13 academic divisions. It is the only publicly supported law school in state. JECRC feels closely associated with this international partner of ours and is also proud to be inspired by them in terms of our organized infrastructure and efficient academic curriculum.

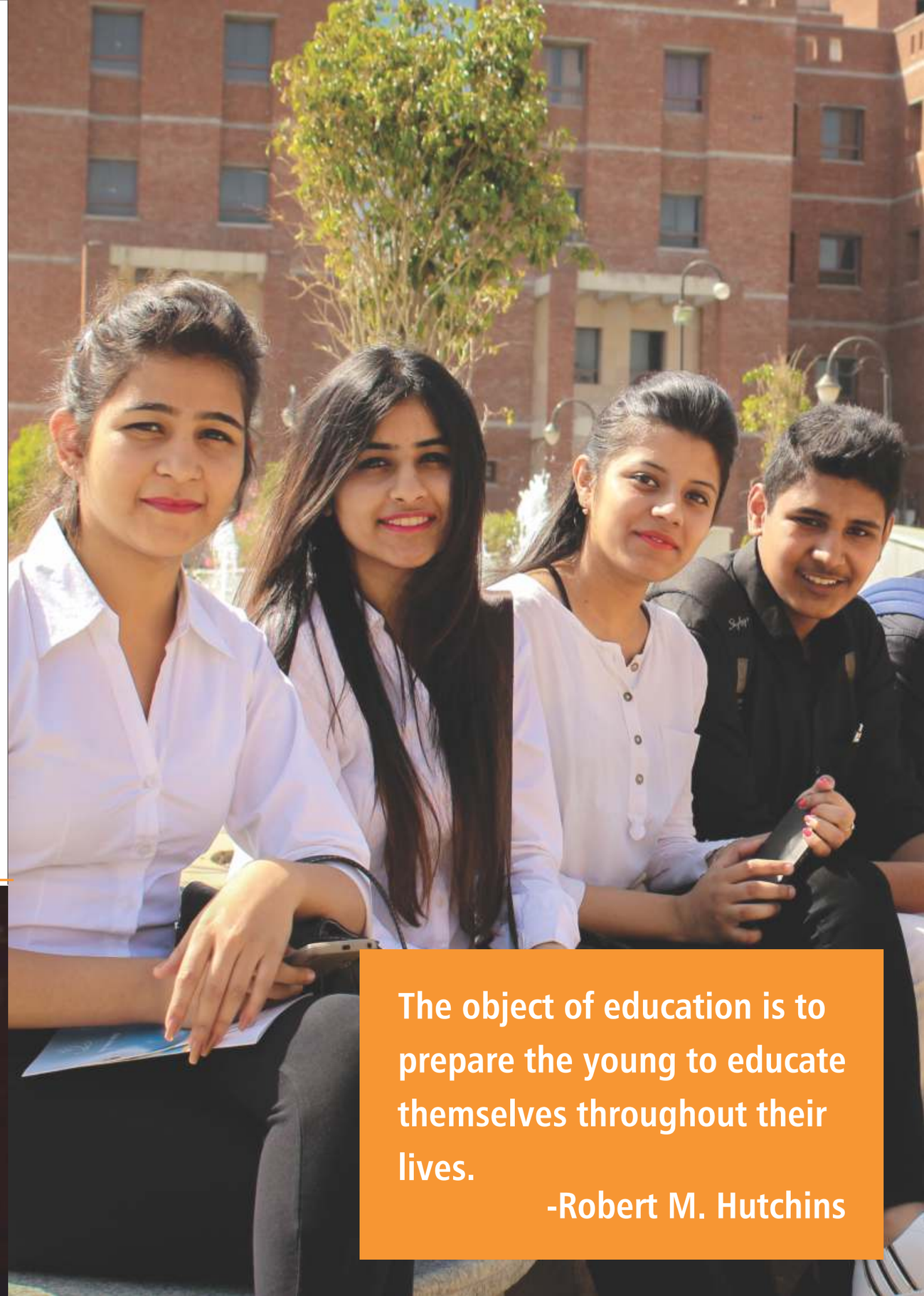
Tennessee Technological University, popularly known as Tennessee Tech, is an accredited public University located in Cookeville, Tennessee, US, which places special emphasis on undergraduate education in fields related to engineering and technology. This esteemed JU partner is special in terms of its focus area i.e. undergraduate courses. We feel a great sense of privilege being associated with such visionary partner.

CADD Centre training services is the training arm of 25 year old CADD Centre group headquartered at Chennai. CADD centre offers training to engineering students and professionals on leading software products in their domain. It helps students in their arena and assist our students in best possible way.

The only wholly post graduate university in UK, Cranfield University is a unique learning environment. JECRC University aspires and fulfils its dream of creating cream professionals alike its allied partners and tie-ups.

Greenville College, Illinois, USA is a liberal arts four year school established in 1892 with a motto of delivering real experiences. JECRC University has signed a MOU for promoting education and research projects. Students from JU are Eligible to begin their studies at JU and then can take, transfer to Greenville college for completing their bachelor's. There are also few scholarships that have been announced specially for students from the Foundation

The Indo Universal Collaboration for Engineering Education (IUCEE), with headquarters at University of Massachusetts Lowell, was conceptualized by over 150 leaders of Engineering Education and Business from US and India in 2007.



The object of education is to prepare the young to educate themselves throughout their lives.

-Robert M. Hutchins

JU Board of Management

Shri O.P. Agrawal	Chairperson
Shri Amit Agrawal	Member
Shri Arpit Agrawal	Member
Commissioner - College Education, Govt. of Rajasthan or his nominee	Member
Dr. D.P Mishra, President, JECRC University	Member
Shri M.L. Sharma	Member
Dr. S.N. Gupta	Member
Dr. Puran Chand	Member
Dr. Widhi Dubey	Member
Dr. Sapna Sharma	Member
Shri O.P. Agrawal	Member
Shri S. L. Agrawal, Registrar, JECRC University	Member Secretary

JU Advisory Board

Shri Kailash Satyarthi	Nobel Laureate, Human Rights Activist, Chairman, Bachpan Bachao Andolan
Dr. Malcolm Portera	Former Chancellor, University of Alabama Systems, USA
Prof. Bharat Soni	Vice-President, Research & Innovation, Tennessee Technological University, USA
Dr. Krishna Vedula	Dean Emeritus, University of Massachusetts Lowell; Co-founder & Executive Director, Indo-US Collaboration in Engineering Education (IUCEE)
Prof. Dileep N Deobagkar	President, Goa University, Taleigao Plateau, Goa
Prof. M C Dwivedi	Former Head, Department of Chemical Engineering, IIT Bombay, Eminent Process Engineering Consultant
Prof. B M Naik	Former Principal, Guru Govind Singh Engineering College, Nanded
Dr. I. K. Bhatt	Ex. Director, MNIT, Jaipur
Shri Amit Chatarjee	Managing Director, American Society for Quality India
Dr. R. P. Singh	Secretary General, Quality Council of India
Shri V. Ramaswami	Global Head – Small & Medium, Tata Consultancy Services
Dr. Sunil Pandey	Director, Sant Longowal Institute of Engg. & Tech., Sangrur, Punjab
Dr. Rakesh Sharma	IFS, Additional Chief Conservator of Forests, HP, Registrar, IIT, Delhi
Dr. Devi Singh	Former Director IIM, Lucknow & MDI, Gurgaon, VC, Flame University, Pune
Dr. P. S. V. Nataraj	Professor of Systems & Control Engg., IIT, Mumbai

Programmes & Courses

SCHOOL OF ENGINEERING

Dr. Ram Rattan
M.Tech (I.I.T Delhi), Ph.D (I.I.T Delhi)
Ex-Outstanding Scientist & Associate Director - ISRO
Dean Research JECRC University and
Director & Dean School of Engineering

Research Area: Space Technology
Publication: National Journal-06, International Journal-20

Message of Director & Dean, School of Engineering

Welcome to JECRC University (JU) School of Engineering (SOE). At JU, we 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 irrepressible will to win backed by contemporary innovative ideas and global outlook.

JU offers the best of a liberal arts college atmosphere coupled with the intellectual and technological resources of an outstanding research institution. The School of Engineering is distinctively equipped to educate the technocrats and leaders of tomorrow. Our aim is to train our engineers to be project leaders, communicators, problem solvers and ethical citizens of a global community.

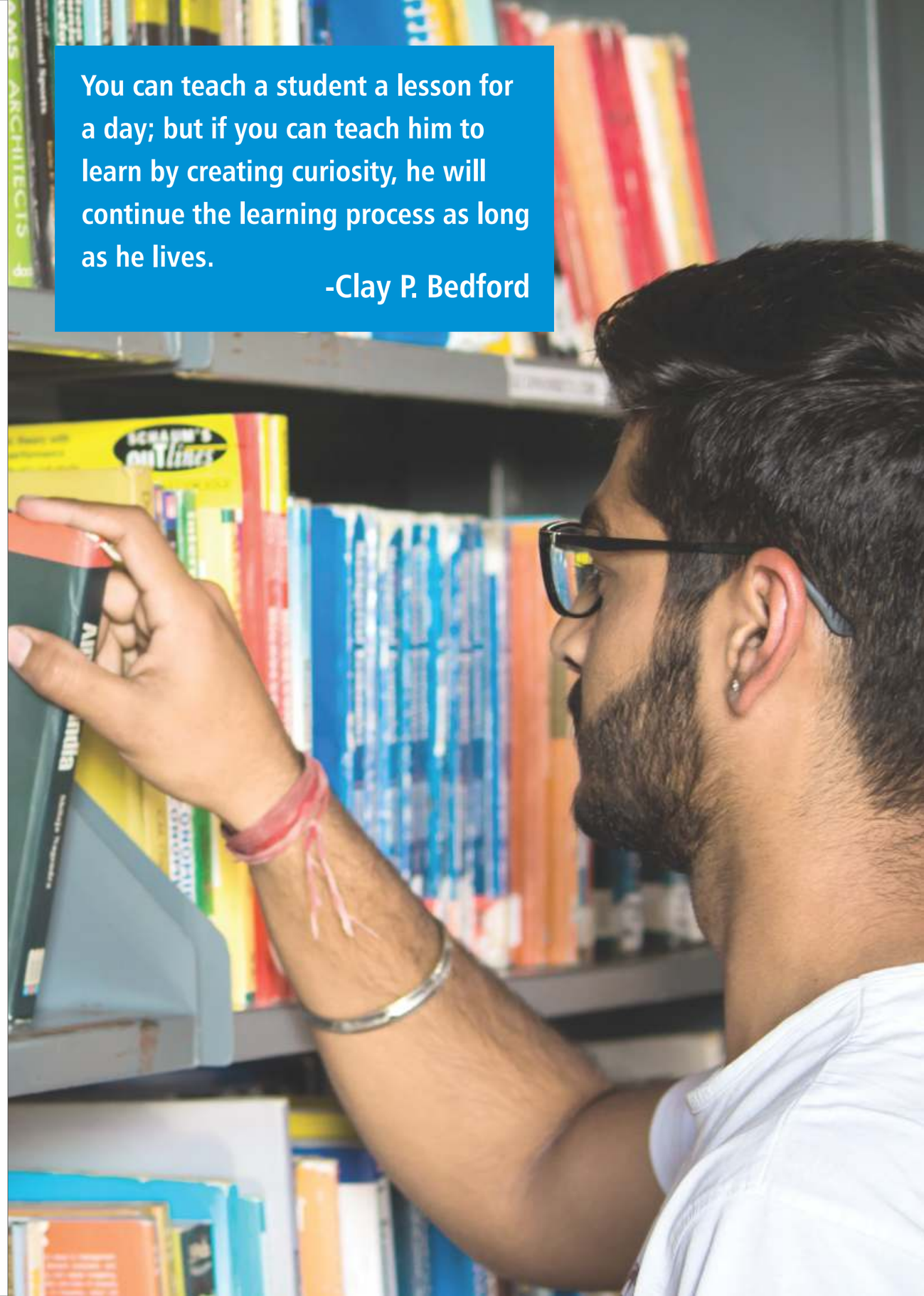
We offer our students a rich educational experience, an experience that marries intellectual rigor and cross-disciplinary breadth in an intimate, student-centered environment as part of our commitment to engineering education innovation and interdisciplinary research. Research is an integral part of this experience. Our close collaborations with Industry leaders like M/s BOSCH, Microsoft, IBM, INTEL, SMEs, CII and TCS etc and other centers of excellence in India like IITs, NITs, TIMES Academy, CADD centre and abroad like Tennessee Tech University, Alabama University and Cranefield University along with the university's extraordinary collection of excellent 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 fields.

Through dynamic and innovative curricula, a teamwork approach and leadership-building experiences, JECRC students gain vital communication and critical-thinking skills. They also benefit 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 field of Arts and Management and other community based courses for overall development of students. Through Zarurat 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-honored 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 find 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.



At SOE, the following courses are offered at undergraduate & post graduate levels:

S. No.	Programme / Course	Duration	Annual Academic Fee	In-take	Minimum Eligibility Criteria	Criteria for Preparation of Merit List
	School of Engineering					
1.	B. Tech. - Civil Engg.	4 yrs.	125000	120	Pass in Senior Secondary Examination (10+2) with minimum 55% marks in aggregate in all subjects with pass in English, Physics & Mathematics and one subject out of Chemistry, Biology, Biotechnology and Computer Science from a recognised Board of School Education or equivalent.	1) First prefrence shall be given to the candidate having their merit on the basis of score in JEE Main 2017 conducted by CBSE. 2) Seats remaining vacant admission shall be made on the basis of merit in qualifying examination considering all subjects
2.	B. Tech. - Computer Science & Engg.	4 yrs.	125000	180		
3.	B. Tech. - Electrical Engg.	4 yrs.	125000	60		
4.	B. Tech. - Electronics & Communication Engg.	4 yrs.	125000	60		
5.	B. Tech. - Mechanical Engg.	4 yrs.	125000	120		
6.	Bachelor of Computer Applications	3 yrs.	75000	120	Pass in Senior Secondary Examination (10+2) with minimum 50% marks in aggregate in all subjects with pass in English from a recognised Board of School Education or equivalent.	Merit on the basis of qualifying examination
7.	B. Tech. Civil Engg.- Lateral Entry in 2nd year	3 yrs.	125000	24	(A) Passed Diploma examination from an AICTE approved Institution; with at least 50% marks in appropriate branch of Engineering / Technology. (B) Passed B. Sc Degree from a recognized University as defined by UGC, with at least 50% marks and passed 10+2 examination with mathematics as a subject. (C) 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.	
8.	B. Tech. Computer Science & Engg. - Lateral Entry in 2nd year	3 yrs.	125000	36		
9.	B. Tech. Electrical Engg. - Lateral Entry in 2nd year	3 yrs.	125000	12		
10.	B. Tech. Electronics & Communication Engg. - Lateral Entry in 2nd year	3 yrs.	125000	12		
11.	B. Tech. Mechanical Engg. - Lateral Entry in 2nd year	3 yrs.	125000	24		

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

S. No.	Programme / Course	Duration	Annual Academic Fee	In-take	Minimum Eligibility Criteria	Criteria for Preparation of Merit List
1.	M. Tech. - Civil with specialisation in Structural Engineering	2 yrs.	100000	18	Minimum 55% marks in bachelor degree in civil engineering from UGC recognized university or equivalent.	First preference shall be given to the candidates having a valid GATE score on merit and seats remaining vacant, second preference shall be the merit in qualifying examination.
2.	M. Tech.- Computer Engg. with specialisation in Computer Networks & Security/ Software Engg	2 yrs.	100000	18	Minimum 55% marks in bachelor degree in Computer Engineering / Information Technology / MCA from a UGC recognised University or equivalent.	First preference shall be given to the candidates having a valid GATE score on merit and seats remaining vacant, second preference shall be the merit in qualifying examination
3.	M. Tech. - Electronics Engg. with specialisation in VLSI & Embedded System/ Communication System	2 yrs.	100000	18	Minimum 55% marks in bachelor degree in Electronics & Communication Engineering from a UGC recognised University or equivalent.	First preference shall be given to the candidates having a valid GATE score on merit and seats remaining vacant, second preference shall be the merit in qualifying examination.
4.	M. Tech. - Electrical Engineering with specialisation in Power System / Electrical Drives and Power Electronics	2 yrs.	100000	18	Minimum 55% marks in bachelor degree in Electrical Engineering from a UGC recognised University or equivalent.	First preference shall be given to the candidates having a valid GATE score on merit and seats remaining vacant, second preference shall be the merit in qualifying examination.
5.	M. Tech. - Mechanical Engineering with specialisation in CAD / CAM	2 yrs.	100000	18	Minimum 55% marks in bachelor degree in Mechanical Engineering or Production / Manufacturing Engineering / Technology from a UGC recognised University or equivalent.	First preference shall be given to the candidates having a valid GATE score on merit and seats remaining vacant, second preference shall be the merit in qualifying examination
6.	Master of Computer Applications	3 yrs.	80000	30	Minimum 50% marks in Bachelor Degree from a UGC recognised University with Mathematics either at Bachelor level or 10+2 level.	Merit in qualifying exam
7.	Master of Computer Applications-Lateral Entry to second year	2 yrs.	80000	120	Minimum 50% marks in Bachelor Degree in Computer Applications or B. Sc. - Computer Science / Information Technology from a UGC recognised University.	Merit in qualifying exam

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

Courses offered are designed to nurture students and prepare them to face the competitive world.

Department of Civil Engineering

Mr. Anirudh Sharma
Head of the Department
M.Tech (Structural Engineering), B.Tech (Civil Engineering)
Research Areas: Strength of Concrete in Compression, Flexible and Tension

Department of Civil Engineering

The Civil Engineering Department was established in 2012.

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 mechanics 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 a very good students teacher ratio for personal attention and mentoring of all students

Ten faculties, which include one Ph.D and nine Post graduates, 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.

Courses Offered

B.Tech – Civil Engineering (4 year Normal Entry / 3 year Lateral Entry)

Course Structure

1st year: Economics for Engineers; Business, Communication & Presentation; Elementary Mathematics for Engineers; Applied Physics I; Chemistry I ; Basic Electronics Engineering; Value Education, Human Right and Legislative Procedures; Chemistry Lab; Engineering Graphics; Engineering Workshop ; Basic Electronics Engineering lab; Professional Skills1. Law for engineers; Differential Equations; Applied Physics II; Chemistry II; Basic Electrical Engineering; Computer Programming; Engineering Mechanics; Environmental Studies; Physics Lab; Basic Electrical Engineering Lab; Computer Programming Lab; Engineering Mechanics lab; Professional Skills 2.

3rd Semester: Multivariate Analysis, Linear Algebra and Special Functions, Materials Science, Building Materials & Concrete Technology, Solid Mechanics, Fluid Mechanics, Engineering Geology, Fluid Mechanics Lab, Engineering Geology Lab, Building Materials Lab, Professional Skills 3, Seminar, Energy Studies.

4th Semester: Complex Algebra, Geotechnical Engineering I, Rock Mechanics, Probability & Statistics, Structural Analysis, Engineering Surveying I, Hydraulics & Hydraulic Machinery, Basic Simulation Laboratory, Hydraulics & Hydraulic Machinery Lab, Engineering Surveying Lab I, Professional Skills 4, Seminar.

5th Semester: Geotechnical Engineering II, Engineering Surveying II, Design of Steel Structures, Reinforced cement concrete Design, Program Elective –I, Program Elective –II, Open Elective, Soil Mechanics Lab, Engineering Surveying Lab II, Material Testing Lab, Professional Skills 5, Seminar.

6th Semester: Discrete Mathematics, Water Resources Engineering, Transportation Engineering I, Environmental Engineering I, Program Elective –III, Program Elective –IV, Open Elective, Water Resources Engineering Lab, Transportation Engineering Lab I, Environmental Engineering Lab I, Professional Skills 6, Seminar.

7th Semester: Optimization and calculus of variations, Quantity Survey & Estimation, Transportation Engineering II, Environmental Engineering II, Program Elective V, Program Elective VI, Open Elective II, Quantity Survey & Estimation Lab, Structural analysis Lab, Environmental Engineering Lab II, Professional Skills 7, Seminar.

8th Semester: Industrial Project & Dissertation.

M Tech (Structural Engineering)

Course Structure

1st Semester – Structural Dynamics, Concrete Technology and Special Concretes, Design of Plates and Shells, Bridge Engineering, Structural Engineering Laboratory, Advanced Concrete Lab, Seminar

2nd Semester – Research Methodology, Advanced Design of Steel Structures, Prestressed Concrete Design, Theory of Elasticity and Plasticity, Design Lab (SAP 2000), Finite element Lab(MATLAB), Advanced Excel Lab, Seminar

3rd Semester – Plastic analysis and design, Neo Construction Materials, Stability of structures, Earthquake resistant design, Soil structure interaction, Repair and Rehabilitation of Structures, Advanced Foundation Design, Design of Tall Buildings, Dissertation Part – I

4th Semester – Dissertation Part – II

Placement Opportunities

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, 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.

Department of Computer Science & Engineering (CSE)

Dr. Naveen Hemrajani
Professor & Head of Department
Ph.D.
M. Tech. Computer Engg. Allahabad University
B. Tech. Computer Engg., Shivaji University
Experience: 25 Years
Areas of Interest: Computer Networks, Cloud Computing, Software Engineering

CSE Department

The Computer Science & Engineering Department was established in 2012. The department is headed by Dr. Naveen Hemrajani having a total teaching experience of 25 years.

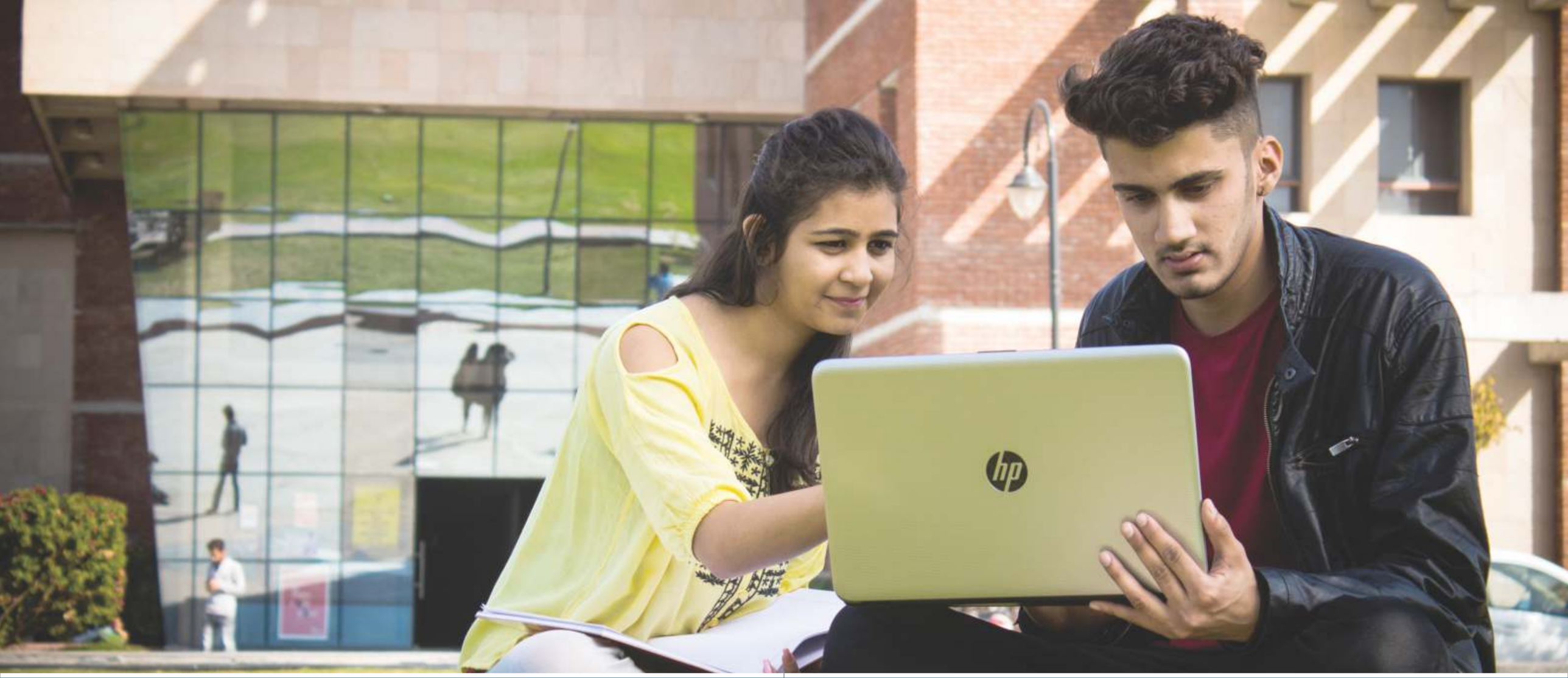
Department of Computer Science and Engineering aims to deliver the best quality technocrats and engineering graduates, cutting-edge research and innovative technology for the benefit of society, locally and globally. The Department believes in the discovery of new knowledge through innovational research that encourages entrepreneurship and economic development to benefit our society worldwide. The Department also believes in excellent interaction and generating one-on-one rapport with the who's who of the computer industry, not only to learn from them but also to promote the career prospects of our students.

Department of Computer Science & Engineering offers a variety of degrees for undergraduates and graduates in computing-related areas. All degree programs combine the teaching of core principles with hands-on laboratory experience, preparing students for exciting careers in industry and academia.

All the courses offered by the Department are chosen keeping in mind the growth and development of the students and society to ensure that they meet current needs and anticipate the future requirements of industry and commerce. Our graduate programs are research based, thriving on the broad range of active research conducted by faculty members in the Department. The Department regularly organizes a series of lectures by academicians and professionals of the highest repute, which lay stress on the latest innovative technologies in the field of Computer Science and Engineering and Information Technology.

We regularly conduct 'Corporate Interaction Programme' and seminars aimed at developing direct communication with the corporate world. Computer Engineering Department of JECRC University focuses on developing overall orientation towards development, design and maintenance of software as well as hardware systems.

The department has collaboration with Microsoft Corporation to impart cutting-edge latest technologies to our students under the Microsoft Innovation Centre developed in University. The



department has got professional memberships of renowned organizations for faculty and students development such as ACM, USA/IEEE USA, CSI India, IAENG USA etc.

The Department has excellent computing facilities associated peripherals and Software for effective learning. The university has more than 400 computer systems in 10 computer labs for programming. The labs have been equipped with latest hardware and softwares. Separate Linux lab with dual OS is available with advanced Networking facilities. We have tie up with Microsoft that is the Platinum Advantage Centre of Microsoft. The department organizes various co-curricular and extracurricular activities such as Programming contest and more to develop important social and professional skills in the students. Students are actively involved in the activities of the Professional Societies like IEEE and CSI.

The Department of Computer Science and Engineering provides an outstanding research environment complemented by excellence in teaching. The Department has state-of-the-art infrastructure and computing equipment supported by high speed Ethernet and wireless networks. The Department has five dedicated labs namely Computer Programming Lab, Object Oriented Programming Lab, Database Lab, Advance Programming Lab and Research Lab.

The Department has designed a comprehensive curriculum on topics related to all aspects of Computer Hardware and Software with an emphasis on practical and hands on learning. The course structure is up-to-date 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 the conventional and the radical. It is updated regularly to keep up with the growing demands and the changing trends of the software industry and research laboratories. The program follows an intensive course curriculum containing well organized courses on basic sciences, computer science, computer engineering, electronics, management and humanities. The state-of-the-art curriculum promotes independent thinking and learning at an individual's pace.

Faculty of Computer Science and Engineering

Faculties of the Department are highly efficient in cutting-edge research in the areas of computer architecture, compilers, embedded learning, computer networks, distributed processing, artificial intelligence, software engineering and graphics

Courses Offered

B.Tech – Computer Science & Engineering

(4 year Normal Entry / 3 year Lateral Entry)

Course Structure

1st year: Economics for Engineers; Business, Communication & Presentation; Elementary Mathematics for Engineers; Applied Physics I; Chemistry I ; Basic Electronics Engineering; Value Education, Human Right and Legislative Procedures; Chemistry Lab; Engineering Graphics; Engineering Workshop; Basic Electronics Engineering lab; Professional Skills1. Law for engineers; Differential Equations; Applied Physics II; Chemistry II; Basic Electrical Engineering; Computer Programming; Engineering Mechanics; Environmental Studies; Physics Lab; Basic Electrical Engineering Lab; Computer Programming Lab; Engineering Mechanics lab; Professional Skills 2.

3rd Semester: Multivariate Analysis, Linear Algebra and Special Functions, Discrete Mathematics, Software Engineering, Data Structures and Algorithms, Object Oriented Programming with C++, Digital Systems, Object Oriented Programming Lab, Data Structure and Algorithms Lab, Digital Systems Lab, Energy Studies

4th Semester: Complex Algebra, Computer Graphics, Operating Systems, Computer Organization and Design, Database Management Systems, Computer Networks, Software Project Management, Database Management Systems Lab, Operating Systems (Unix Programming) Lab, Computer Graphics Lab

5th Semester: Optimization and Calculus of Variations, Formal Languages & Automation Theory, Object Oriented Analysis and Design, Artificial Intelligence, Program Elective –I (Programming in Java/.Net),Program Elective –II (Multimedia Computing, Information retrieval, Software Architecture, High Speed Networks, Simulation & Modeling), Open Elective, Multimedia Technology lab, Object Oriented Analysis and Design Lab.

6th Semester: Fuzzy Mathematics, Design & Analysis of Algorithms, Advanced Computer Architecture, Embedded Computing System, Program Elective – I (Advanced Java/.Net), Program Elective –II(Graph Theory, Real Time Systems, Distributed Computing, Human Computer Interface, Wireless Adhoc Networks),Open Elective, Design & Analysis of Algorithms Lab, Embedded Computing Lab, Program Elective –I Lab.

7th Semester: Mobile Computing, Compiler Construction, Data Mining & Warehousing, Information Systems Security, Programming in Java/.Net, Program Elective-I(Professional Java/.Net),Program Elective –II(Pattern Recognition, Soft Computing, Computer Vision, Game Theory, Wireless Sensor Networks), Open Elective, Compiler Design Lab, Project

8th Semester: Industrial Training / Project dissertation.

M.Tech (Software Engineering)

Course Structure

1st Semester: Advanced Algorithm Design, Distributed and High Performance computing, Advanced Operating System, Electives (Software Project Management, Client server programming, Advance Data Communication network), Advanced Topics in Algorithms Lab , Distributed and High Performance computing Lab Seminar

2nd Semester: Software Architecture, Software Testing, Research Methodology & Technical communication, Electives (Artificial Intelligence and Expert system, Information Retrieval), Software Testing Lab, Project

3rd Semester: Service Oriented Architecture, Software Construction (Design Pattern), Elective (Mobile computing, Digital Image Processing, Geographic Information system, Grid computing), Elective (Distributed and Cloud Computing, Software Configuration Management, Database Engineering), Dissertation-I

4th Semester: Dissertation-II

M.Tech (Network Engineering)

Course Structure

1st Semester: Advanced Topics in Algorithm Design, Distributed and High Performance computing, Advanced Operating Systems, Advance Data Communication network, Elective(Software Project Management, Geographic Information system, Parallel computation and application), Advanced Topics in Algorithms Lab , Distributed and High Performance computing Lab ,Seminar

2nd Semester: Advance Computer Network, Network Protocol & programming, Research Methodology & Technical communication, Elective(Pattern Recognition, Digital Image Processing, Information system security, Artificial Intelligence and Expert system), Cloud Computing lab , Network Security Lab, Project

3rd Semester: Network flow & Traffic Engineering, Network Management, Optical network, Elective(Mobile computing, Secure Communication and VPN, Information Theory & coding, Distributed and Cloud computing, Grid computing),Elective(Natural Language Processing, Biometric Security, Web engineering), Dissertation-I

4th Semester : Dissertation-II

Placement Opportunities

Well–educated Computer Science and Engineering (CSE) professionals are in great demand both in India and overseas. A diverse range of careers is available to graduates from JECRC University's 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 now work in areas including computer networks, embedded system, digital control systems, telecommunications and cable TV systems. The computers have become an integral part of the modern day life and there are immense opportunities for the Computer Science Engineers and good professionals can achieve unimaginable heights in their career.

Some of the companies where our students have been placed are Google, Microsoft, IBM, Intel, Cognizant Technologies, Tata Consultancy Services, Infosys, Dell, Capegemini, Satyam Computers, Patni Computers, HCL Info systems Limited, Hewlett Packard, Wipro, Oracle, SAP, Sun Microsystems Accenture, Convergys, Siemens, Ericsson, Cisco Systems, Symantec, etc. Quite a few opportunities are also available for them in the Public Sector and Government departments & Defence, etc.

Department of Information Technology

Dr. Deepak Dembla
Professor & HOD
Ph.D. Guru Jambhashwar University of Science & Technology, Hisar
M Tech. Punjabi University, Patiala
MCA, Guru Jambhashwar University of Science & Technology, Hisar

Experience: 15 Yrs
Publication: International / National Journals (52)
Achievement: Microsoft Certified faculty MTA, MCP, MCT, Professional Members, ACM USA MIACSIT Singapore, MIAENG.
Areas of Interest: Wireless Mobile Ad-Hoc Networks, High Speed Networks, Data Mining & Warehousing, Network Security.
Courses Offered:
MCA (3 year & 2 year Lateral Entry)
BCA (3 year)

Information Technology

Courses Offered: MCA and BCA

Information Technology is the key that drive today's digital world. At present IT & Computer Application areas are key enabler for discovery and innovation in most other fields of endeavor. Keeping in mind today's fast-paced world's need of IT graduates, MCA & BCA programs offered by IT Department in JECRC University are designed to bridge the gap between computing theory and applications. The programs emphasize on the application of software technology to solve business problems. The programs offer a number of in-depth, application-oriented courses. It covers the methodology to develop an efficient and error free software product, to maintain software products that utilize information technology and to integrate multiple technologies and other important software applications. Being exposed to quantitative and qualitative analysis skills, which are built into the curriculum and training provided by the department, the students are trained to be innovative and creative. The primary emphasis of MCA/BCA curriculum is on the development of diverse types of courses on application software. Fully Flexible Credit System employed at the University helps to provide a wide spectrum of choices to the students.

Our MCA/BCA programs focus on providing students high-end IT education keeping in view the changing Technology as well as Industry needs to suit the digital economy in dynamic Computer and IT Industry. The Department of IT is well equipped with the human resource and the infrastructure required to train IT professionals. The faculty members of the Department are from reputed institutions like IITs /NITs etc. They are prominent in their respective fields with adequate experience to train IT professionals. The department maintains interaction with industry experts & academicians to update students' knowledge.

The labs are well equipped with latest hardware and software required not only to cover syllabus but to motivate students to learn beyond the curriculum which definitely develops complete knowledge of the subject and promotes innovative thinking. Some of the labs in Deptt. are: Programming Lab, Research Lab, Data Structure and Algorithms Lab, DBMS Lab, Project Lab and Mobile Applications Development Lab.

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. The Department is running ACM students chapter for imparting latest technical skills through various activities.

The faculty and students in the department has got professional memberships of renowned organizations for faculty and students development such as ACM, USA/IEEE USA, CSI India, IAENG USA, IACSIT Singapore etc. The department has collaboration with Microsoft Corporation to impart cutting edge latest technologies to our students under the Microsoft Innovation Centre developed in University.

The department conducts Special/ Invited Talks / Guest Lectures from eminent experts from Industry/ Academia on latest emerging trends in IT 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 a very good students teacher ratio for personal attention and mentoring of all students. Students of MCA undergo six months internship program in the VI semester for industrial exposure and project work.

MCA (3 Yrs.) & MCA 2 Yrs. (Lateral Entry Scheme)

Course Structure

1st Semester: Programming Fundamentals using C, Information Technology, Introduction to DBMS , Computer Organization & Architecture, Mathematical Foundations, Information Systems Analysis Design & Implementation, Programming fundamental Using C Lab, Information Technology Lab, COA Lab, Internet Lab, DBMS Lab , Seminar-I.

2nd Semester: Operating Systems, Programming in java, Data Structures and Algorithms Using C, Web Designing Techniques, Programming in Java Lab, Communications Skills-I, Software Engineering, Data Structures and Algorithms Using C Lab, Web Designing Techniques Lab, Seminar-II, Communication Skills –I

Lab.

3rd Semester: Advance Database Management Systems, Programming in C++ - II, Advance Computer Networks, Object Oriented Analysis & Design, Statistical Computing, Business Communications Skills, Advance Database Management Systems Lab, Programming in C++ II Lab, Object Oriented Analysis & Design Lab, Business Communications Skills Lab , Seminar-III.

4th Semester: Computer Graphics & Multimedia, Programming in C #, Program Electives from Domain I and Domain II (Introduction to Cloud Computing, Artificial Intelligence & Expert Systems, Data Mining & Warehousing , Design and Analysis of Algorithms, Big Data Analytics , Information Security & E-Governance etc.) Compiler Design, Software Project Management, UNIX Lab, Computer Graphics& Multimedia Lab, Programming in C# Lab, Professional Skills-I.

5th Semester: Advance Java Programming, Introduction to Information Systems, Software Testing & Quality Assurance , Programming in Java Lab, Software Testing Lab, Professional Skills- II, Programming in ASP.NET, Electives from Domain I and Domain II (Theory Of Computation, High Speed Network, Wireless Adhoc Networks, Artificial Neural Networks etc.), Programming in ASP.NET Lab, Minor Project.

6thSemester: Industrial Training/Project Work/Dissertation Work.

BCA (3 year)

Course Structure

1stSemester: Fundamentals of Computer Systems, Programming Fundamental Using 'C'-I, Digital Electronics,, Communication Skills –I, Fundamental of Computer Systems Lab, Programming Fundamentals Lab- I, Internet Lab, Communication Skills Lab –I, Basic Mathematics, Seminar-I, Environmental Studies.

2nd Semester: Programming Fundamentals –II, Structured System Analysis & Design, Communication Skills- II, IT Infrastructure and Management, Programming Fundamentals Lab –II, Open Source Tools Lab, Communication Skills Lab – II, Introduction to Management Functions, Discrete Structures, Computer Architecture.

3rdSemester: Introduction to Database Systems, Data Communication and Computer Networks, Operating Systems, Data Structures using C, Programming in C++ -I, Database Systems Lab, Data Structure using C Lab, Operating Systems Lab, Programming in C++ Lab– I, Value Education Human Rights & Legislative Procedures, Seminar-II.

4th Semester: Computer Graphics, Multimedia Technology, Software Engineering, E-Commerce Banking and Security Transaction, Computer Graphics Lab, Software Engineering Lab, Multimedia Technology Lab, Probability Theory and Statistical Computing, Seminar – III, Management Information systems, Data Mining & Warehousing.

5th Semester: Web Designing Techniques, Microprocessor, Programming in Java, Software Project Management, Business Economics, Microprocessor Lab. Programming in Java Lab, Software Project Management Lab, Professional Skills-I, Minor Project.

6th Semester: Programming in VB.net, Information Security, Human Computer Interface, Introduction to Cloud Computing, PHP Programming, Major Project, Accounting Principles and Practices, Professional Skills-II, Programming in VB.net Lab. PHP Programming Lab.

Placement Opportunities

IT has successfully pervaded into all streams of engineering. According to official sources, over 60 to 70% of students across engineering institutions get employed into IT or IT related companies as against core engineering companies. With the increasing applications of IT in all sectors of employment, the demand of IT graduates shall keep on increasing. IT professionals have huge employment opportunities in the domains of Software Development/Testing/Project Management/ QA/ ERP and SAP Implementation/Database Administration/ Network Administration etc. in areas of IT and IT enabled services, Govt. Sector undertakings. The University has tied up with a number of leading corporate for placements of students in IT domains and recently opportunities have been provided in companies like; HP India Pvt. Ltd., L & T Infotech, TCS, Infosys, Newgen Technologies, Girnar Software, Pratham Software, etc through various placement drives.

Department of Electronics & Communication Engineering

Dr. Dinesh Sethi
Designation: Associate Professor & Head of Department
Department Department of Electronics and Communication Engineering
Qualification: Ph.D (ECE), M.Tech (ECE), B.E (ECE)
Experience: 18 Yrs
Research Area: Microstrip UWB Antennas
Publication:- International Journals: 7, Conferences: 10, Books: 6

Electronics & Communication Engineering

Geography and distance have become meaningless 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 is organizing various workshops, seminars and spoken tutorials for students focusing on domain-specific research, providing leadership throughout whole 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 complimented 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-fests inside and outside the university. They have shown excellence in academic field too. Many of our students have been volunteer for various social causes (e.g. Blood Donation, Zarurat). Many students have participated in variousextra-curricular activities inside and outside the university. ECE students have done their summer training in various reputed organizations like NPL, DRDO,BSNL, CEERI, etc.

B.Tech Electronics & Communication Engineering

Course Structure

1st year: Economics for Engineers, Business Communication & Presentation, Elementary Mathematics for Engineers, Applied Physics I, Chemistry I, Basic Electronics Engineering, Value Education, Human Right and Legislative Procedures, Applied Physics Lab, Engineering Graphics, Engineering Workshop, Basic Electronics Engineering Lab, Professional Skills1, Law for Engineers, Differential Equations, Applied Physics II, Chemistry II, Basic Electrical Engineering, Computer Programming, Engineering Mechanics, Environmental Studies, Chemistry Lab, Basic Electrical Engineering Lab, Computer Programming Lab, Engineering Mechanics lab, Professional Skills 2.

3rd Semester: Multivariate Analysis Linear Algebra and Special Functions, Materials Science, Electronics Devices, Digital Electronics, Network Theory & System, Electronic Measurement & Instrumentation, Energy Studies, Electronics Devices Lab, Digital Electronics Lab, Electronic Measurement Lab, Professional Skills 3. Seminar.

4th Semester: Complex Analysis, Probability & Stochastic Processes, Analog Electronics, Signal and Systems, Principle of Communication, Electromagnetic Field Theory, Object Oriented Programming, Electronic Work shop, Analog Electronics Lab, Object Oriented Programming Lab, Professional Skills 4, Seminar.

5th Semester: Optimization & calculus of variations, Discrete Mathematics, Microprocessor & Microcontroller System, Introduction to Digital Communication, Microprocessors & Microcontroller System Lab, Communications Lab, Basic Simulation Lab, Program Elective –I(Microwave Theory and Techniques, IC Technology, Data Structure), Program Elective –II (Information Theory and Coding, Computer Organization & Architecture, Power Electronics), Open Elective –I, Professional Skills 5, Seminar

6th Semester: Fuzzy Mathematics, Digital Signal Processing, VLSI Design, Control System, Digital Signal Processing Lab, VLSI Lab, Control System Lab, Program Elective –III(Antennas and Wave Propagation, Embedded System, Optimization Techniques), Program Elective –IV(Radar &Satellite Communication, Digital Hardware Design, Algorithms), Open Elective –II, Professional Skills 6, Seminar

7th Semester: Linear Algebra, Communication Networks, Fiber Optic Communication, Mobile Communication, Communication Networks Lab, Program Elective –V(Adaptive Signal Processing, Speech and Audio Processing, ASIC & FPGA, Micro Electro Mechanical systems), Program Elective –VI(Broad Band Communication, Image &Video Processing, Artificial neural Network, Mixed Signal Design, DSP Processors and Applications), Open Elective –III, Project, Professional Skills 7, Seminar

8th Semester: Industrial Project and Dissertation (24 week Industrial Training)

M.Tech – Communication Systems (2 year)

Course Structure

1st Semester: Information Theory & Coding Techniques, Antenna Theory & Technologies, Digital Communications Techniques, Advanced Optical Communications Systems, Communications Lab –I, Communications Lab –II, Seminar, Professional Skills.

2nd Semester: Wireless Sensor Networks, Digital Image Processing, Advanced Digital Signal Processing, Research Methodology & Technical Communication, Advanced Digital Signal Processing Lab, Advanced Image Processing Lab, Seminar, Professional Skills.

3rd Semester: Elective-I (Switching in Communication Systems, Microwave Devices and Circuits, Electromagnetic Interference & Compatibility), Elective-II(Wireless and Mobile Ad-hoc Networks, RF Systems & Design, Data Compression Techniques), Elective-III Advance Artificial Neural Networks, Satellite Communications, Mathematics for Communication Systems), Elective-IV (Nonlinear Fiber Optics Communication, Advanced Mobile Communications, Nanotechnology), Dissertation Part – I, Professional Skills.

4th Semester: Dissertation Part – II

M.Tech – VLSI & Embedded System (2 year)

Course Structure

1st Semester: Digital VLSI Circuit Design, Computer Aided

Design for VLSI Circuits, Microcontroller System Design, Real Time Operating System, VLSI Design Lab, RTOS and FPGA Lab, Seminar, Professional Skills.

2nd Semester: Analog and Mixed Signal ICs, Advanced ASIC and FPGA Design, Research Methodology & Technical Communication, Embedded Systems and Applications, Embedded System Lab, System Modeling Lab Using Verilog / VHDL, Seminar, Professional Skills.

3rd Semester: Four subjects from one group to be chosen.
Group – I: Elective-I (Testing & Testability of VLSI Circuits, Image Processing in VLSI Design, Wireless and Mobile Ad-hoc Networks), Elective-II (Embedded Communication Software Design, Low Power VLSI Design, System Level Design & Modeling), Elective-III (Robotics & Automation, Advanced Artificial Neural Networks, Synthesis of Digital Circuits), Elective-IV (VLSI System and Subsystem, Nanotechnology,), Dissertation Part – I, Professional Skills.
Group – II: Elective-I (Advanced Microprocessor, Architecture of Digital Signal Processors, Embedded Hardware, Multiprocessors Systems-On Chip), Elective-II (Data Compression Techniques, Advanced Digital Signal Processing, Advanced Digital System Design, Soft Computing), Elective-III (Advanced Computer Architecture, Design of Digital Control System, Cryptography and Network Security, Data Communication & Computer Networks), Elective-IV (Mobile Computing, Advanced Digital Image Processing, Nanotechnology , Embedded Networks & Protocols, Mixed Signal Embedded Systems), Dissertation Part – I, Professional Skills.

4th Semester: Dissertation Part-II.

Placement Opportunities

ECE students can get placements in Army, Railways, Telecommunication, Airport, Mobile companies like Erricson, 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, Hundai, Nissan, Mathindra, Tata etc., Refrigeration, Air conditioners, embedded system, robotics etc.

ECE Departments Labs: Basic Electronics Lab, Electronic Devices Lab, Digital Electronics Lab, Communication Lab, Microprocessor and Microcontroller Lab, Electronics Research Lab, Embedded System Lab, RTOS and FPGA Lab, VLSI Design Lab.

Department of Electrical Engineering

Dr. Amit Shrivastava
Associate Professor & HOD
Ph.D. in Electrical Engineering from M.I.T.S. Gwalior (RGPV Bhopal)
M.E. – in Electrical Engineering from M.I.T.S. Gwalior (RGPV Bhopal)
B.E. – in Electrical Engineering from M.I.T.S. Gwalior (RGPV Bhopal)
Experience: 15 Years
Areas of Interest: Energy Conservation and Auditing, Condition Monitoring of Electrical Machines

Department of Electrical Engineering

Electrical Engineering Department

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 and 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.

The department is running a broad based B.Tech. and specialized M.Tech. programs in Power Systems. The syllabi of the courses are continuously updated and the laboratories modernized to reflect the rapid changes in technology. 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 the practical and theoretical depth of knowledge. We strive on developing skill sets of students so that they can become promising engineers in future.

The Department has strong Industry interaction and has extensive fabrication, calibration and testing facilities for carrying out industry sponsored research and consultancy projects. The department conducts Special/ Invited Talks / Guest Lectures from eminent experts from Industry/ Academia on latest emerging trends in electrical engineering for the development of students and faculty. The department has got professional memberships of renowned organizations for faculty and students development such as IEEE USA, IE(India), ISTE, ISLE etc. The department also conducts various Seminars/ Workshops/ Conferences from time to time and provide common platform for collaborative learning among students across the country. Numbers of student clubs like zarurat, zenith, robotics, green building etc. are available for overall development of students in the university, department of electrical engineering is running Mechatronics Club.

B.Tech Electrical Engineering

Course Structure

1st year: Economics for Engineers; Business, Communication & Presentation; Elementary Mathematics for Engineers; Applied Physics I; Chemistry I ; Basic Electronics Engineering; Value Education, Human Right and Legislative Procedures; Chemistry Lab; Engineering Graphics; Engineering Workshop ; Basic Electronics Engineering lab; Professional Skills1. Law for engineers; Differential Equations; Applied Physics II; Chemistry II; Basic Electrical Engineering; Computer Programming; Engineering Mechanics; Environmental Studies; Physics Lab; Basic Electrical Engineering Lab; Computer Programming Lab; Engineering Mechanics lab; Professional Skills 2.

3rd Semester: Field Theory and Circuits, Electrical Machines I, Measurements and Instruments, Network Analysis and Synthesis, Multivariate Analysis, Linear Algebra and Special Functions, Electronic Devices and Systems, Basic Programming and Simulation Laboratory, Measurements and Instruments Laboratory, Electrical Machines Laboratory I, Seminar, Energy Studies, Professional Skills

4th Semester: Power Electronics, Electrical Machines II, Computer Organization and Design, Basic Thermodynamics, Complex Analysis, Materials Science, Probability and Statistics, Power Electronics Laboratory, Electrical Machines Laboratory II, Web Designing Techniques Lab, Seminar, Professional Skills

5th Semester: Control Systems, Power Systems I, Microprocessors and Microcontrollers, Optimization and Calculus of Variations, Program Elective I, Program Elective II,(Power System Reliability, Switchgear and Relaying, Energy Auditing, Mathematical modelling of Electrical Machine, Programmable Logic Controllers and SCADA, Advanced Theory and Analysis of AC Machines) Open Elective I, Control Systems Laboratory, Power Systems Laboratory I, Microprocessors and Microcontrollers Laboratory, Seminar, Professional Skills

6th Semester: Power Systems II, Electric Drives, Computer Aided Analysis and Design, Communication Systems, Program Elective III, Program Elective IV (Power System Engineering, FACTS, Indian Electricity Standards and their Applications, Electrical Machines Design, Materials for Electrical Machinery, Advanced Control systems) Open Elective II, Electric Drives Laboratory, Communication system Laboratory, Power Systems Laboratory II, Seminar, Professional Skills

7th Semester: High Voltage Engineering, Non Conventional Energy Sources and Applications, Utilization of Electrical Energy and Electric Traction, Power System Security and Smart Grid, Program Elective V, Program Elective VI, (EHV AC/DC Transmission, Power System Stability, Operation and Control of Power System, Excitation of Synchronous Machines and their Control, Turbines and their Control, Advanced Power Electronics) Open Elective III, Advanced Simulation Laboratory, Project Work, Seminar, Professional Skills

8th Semester: Industrial Project and Dissertation

M.Tech Power System

Course Structure

1st Semester: Modern Power System Analysis, Computer Applications to Power System Analysis, Power Quality Analysis, Elective I (Distribution Automation, Generation and Measurement of High Voltages,Power Conditioning), Computer Application to Power System Analysis Laboratory, Advanced Power System Laboratory, Seminar.

2nd Semester: Power System Optimization & Control, Deregulation of Power System, Research Methodology Elective II (Advanced Circuit Analysis and Design, Modern Control Theory, Power System & Instrumentation), Power System Optimization & Control Laboratory, Electrical System Simulation Laboratory, Quantitative Techniques & Computer Applications Lab, Seminar

3rd Semester: Special Machines and Their Controllers, Power System State Estimation,Distributed Generation and Micro-Grid, AI Application to Power Systems, Dissertation Part-I.

4th Semester: Dissertation Part-II

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. The 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 Sector (Reliance Energy, Adani Power, Sujlon, Tata Power, JP Hydro, etc), Govt. (RVVNL, RVPNL, PVUNL, MPSEB, UPSEB, etc) and public sector (BSNL, MTNL, GAIL, NTPC, NHPC, 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 UK and overseas. 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.

Department of Mechanical Engineering

Dr. M. M. S. Sodhi
Professor & HOD
Ph.D. IIT, Kanpur
M.Tech.- IIT, Kanpur
B.Tech. – IIT, Kanpur
Research Area
Product Development of Special Steels, Heat Treatment, Material Science

Publication: In Paper Presentation in international Conference: 05, In Paper Presentation in national Conference: 08, Paper Published: 15, Patent Publications: 04

Courses Offered:
B.Tech Mechanical Engineering
M.Tech in CAD/CAM

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. We aim to provide our students with a perfect blend of intellectual and practical experiences that helps them to serve our society and address a variety of needs. At the end of our program,
students are prepared for entry-level work as a mechanical engineer as well as for the post-graduate study in mechanical engineering or in other discipline both in India, where a fundamental engineering background constitutes a desirable foundation. Academic course work and projects are designed to endow students with the ability to apply knowledge of science, mathematics, and engineering, and the capability to work effectively in multidisciplinary teams, providing leadership and technical expertise.

With a solid grounding in the principles and practice of mechanical engineering, our undergraduates are ready to engage in ethical approaches to engineering, with concern for society and the environment. Objective of the undergraduate programme is to prepare the manpower that is globally best. Most of the students, who graduate from the department, end up taking leading positions in industry, academia and government in both India and abroad.
Our program at the postgraduate level aligns academic course work with research, to prepare scholars in specialized areas within the field of mechanical engineering. Research topics focus on industrial needs.

Department is organized in terms of five groups for academic and administration purpose which are Mechanical Design Group, Production Engineering Group, Thermal Engineering Group, Automotive Group, Mechatronics Group

Department is also running different clubs namely Society of Automotive Engineers (SAE), Robotics, Zenith Aero Engineering club.

The department conducts Special/ Invited Talks / Guest Lectures from eminent experts from Industry/ Academia on latest emerging trends in ME Industry for the development of students and faculty.The department also conducts various Seminars/ Workshops/ Conferences from time to time and provide common platform for collaborative learning among students across the country.

We maintain a very good Students teacher ratio for personal attention and mentoring of all students. Most of the faculties have completed their M.Tech and Ph.d from IITs and NITs.

B.Tech Mechanical Engineering (4 years – Normal Entry, 3 Years- Lateral Entry)

Course Structure

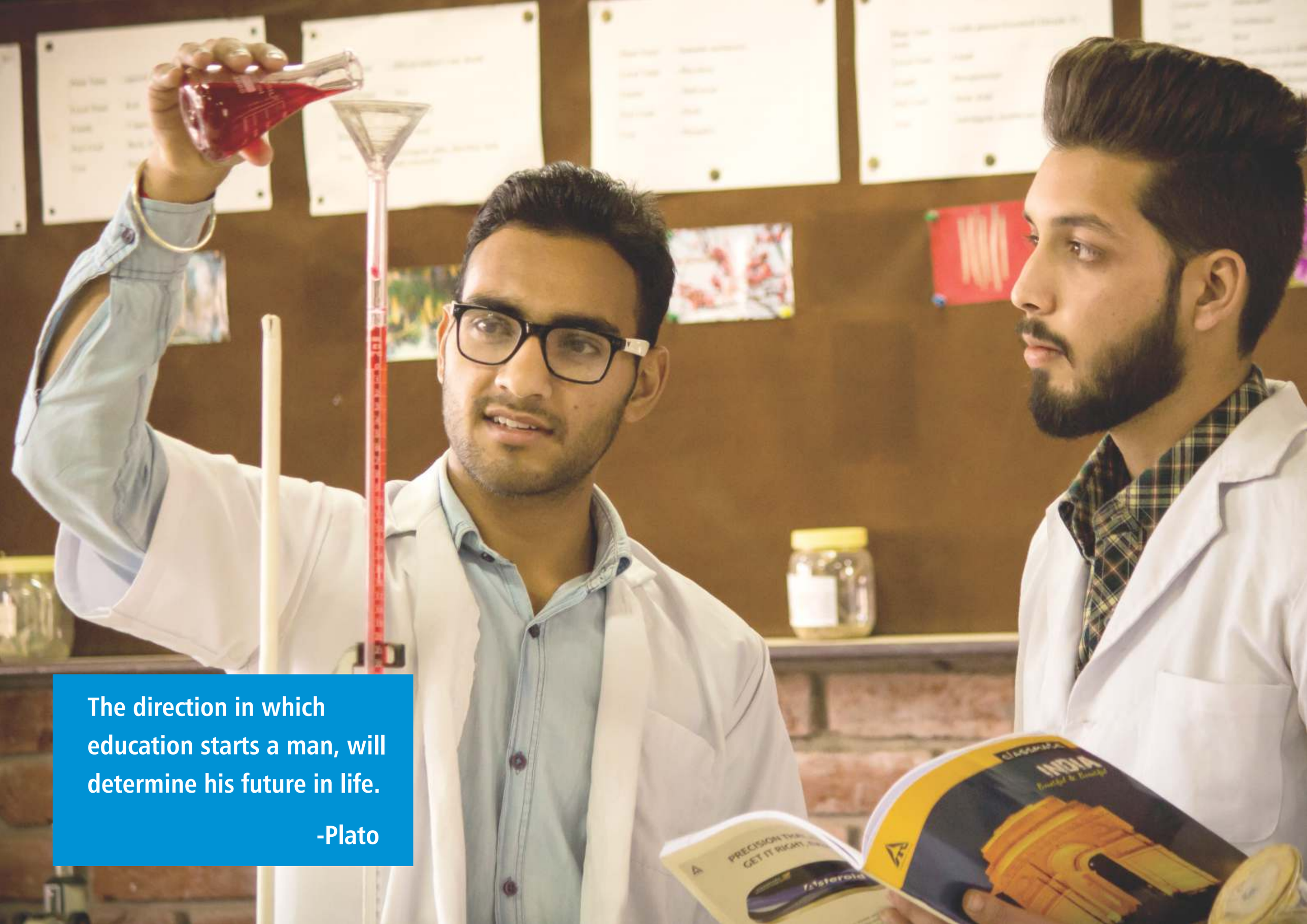
1st Year: Economics for Engineers; Business, Communication & Presentation; Elementary Mathematics for Engineers; Applied Physics I; Chemistry I ; Basic Electronics Engineering; Value Education, Human Right and Legislative Procedures; Chemistry Lab; Engineering Graphics; Engineering Workshop ; Basic Electronics Engineering lab; Professional Skills1. Law for engineers; Differential Equations; Applied Physics II; Chemistry II; Basic Electrical Engineering; Computer Programming; Engineering Mechanics; Environmental Studies; Physics Lab; Basic Electrical Engineering Lab; Computer Programming Lab; Engineering Mechanics lab; Professional Skills 2.

3rd Semester: Solid Mechanics, Thermodynamics/ Basic Thermodynamics, Engineering Materials / Material Science, Mechanisms & Machines I, Primary Manufacturing, Primary Manufacturing lab, Solid Mechanics Lab, Computer Aided Machine Drawing, Professional Skills 3, Seminar

4th Semester: Mechanisms & Machines II, Machine Tools & Metrology, Production Management, Fluid Mechanics & Machines, Power plant engineering, Mechanisms & Machines Lab, Fluid Mechanics & Machines lab, Machine Tools & Metrology lab, CAD /CAE lab, Professional Skills 4, Seminar

5th Semester: Design of Machine Elements, IC Engines & RAC, Open Elective - I, Program Elective - I, Program Electives - II, IC Engines & RAC lab, CAD /CAE lab –II, Professional Skills 5, Seminar

6th Semester: Non traditional & Computer aided


The direction in which education starts a man, will determine his future in life.
-Plato

Manufacturing, Heat and Mass transfer, Mechanical Vibration, Open Elective - II, Program Elective - III, Program Elective – IV, Computer aided Manufacturing lab, Mechanical Vibration Lab, Heat and Mass transfer lab, Professional Skills 6, Seminar

7th Semester: Control Engineering, Automobile Engineering, Operation research, Quality Assurance & reliability, Open Elective - II, Program elective - V, Program Elective - VI, Automobile Engineering Lab, Project Work, Professional Skills 7, Seminar

8th Semester: Industrial Project and Dissertation

M.Tech in CAD/CAM (2 Years)

Course Structure

1st Semester: Advanced Heat and Mass Transfer, Finite Element Method, Advanced Engineering Materials, Advance Computer Integrated Manufacturing, IC Engine Laboratory, CAD Lab, Professional Skills I, Seminar

2nd Semester: Experimental Stress Analysis, Advanced Mechanics of Solids, Research Methodology, MEMS & NEMS, CNC Lab, Mechatronics and Automation Lab, Professional Skills II, Seminar

3rd Semester: Composite Materials & Processing, Mechanical Vibration, Design of Thermal System, Precision & Micro-machining, Professional Skills III, Dissertation I

4th Semester: Dissertation

Placement opportunities

Mechanical engineers are highly in demand nowadays in the Manufacturing, Consultancy, R&D, IT Sectors, Power plants, Textile industry, Sugar Industry, Construction Projects, Railways, NBC, Telco, 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 visits 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. Some students, with meritorious academic records and amazing skills, had opted for higher studies in both national and international universities.

SCHOOL OF MANAGEMENT

Dr. Parul Agarwal
Dean & Director, SOM
Ph D (Industrial Economics), Rajasthan University
MBA (Human Resource Management), Magadh University
M.A (Economics), Gold Medalist, Institute of Advanced Studies, Meerut
Experience: 32 years
Research Areas: Industrial Economics, Human Resource Management, Labour Welfare, Special Economic Zones(SEZ), MSME's Issues, Performance Management, Managerial Economics, and Business Environment

Message of Director & Dean, SOM

The metamorphosis of business has led to the growing requirement of management professionals who can acclaim fast changing world economic scenario. We at SOM, JU, intend to give impetus on interdisciplinary research and development for the benefit of industry and society through innovative practices. Our school is committed to creating an ambience for nurturing innovation, creativity and excellence in students. Apart from business skills we focus on ethical and value based education.

SOM 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 and rich industry experience, maintaining strong interface with the industry.

Going beyond academic excellence, our holistic training focuses on student's personality as an individual by laying emphasis on developing inter-personal communication, business etiquette, time and stress management, leadership skills, communication skills, and entrepreneurial spirit with ethical principles. It serves as a potent tool for enhancing their self-confidence and transforming them into smart, competent professionals.

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

Why Join School of Management?

- A co-educational university imparting education to the optimum level i.e. Ph.D. level having competent and intellectual regular faculties. The course curriculum is Industry Oriented.
- Opting for KPMG course equips students for a career in Accountancy and gives them an upper edge while securing a job as they have ample knowledge about finances, transactions, budgets, risk management etc.
- Professional Skills course in collaboration with TIME is a mandatory subject in the curriculum of UG students and hence enables them appear for any competitive exams.
- Students are a part of various clubs like Marketing, Finance and Human Resource which organizes various events
- Domain related activity conducted on a regular basis. (Ad Mania, Industry interactions, finance and Business quiz, stock trading, personality development etc)
- At SOM the students hone up their skills to be future leaders by participating and organizing various curricular and extra – curricular activities thus gearing up as event and project managers.
- 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
- Guest lectures by eminent and experienced corporate personalities.
- Student centric teaching & problem solving through tutorials classes.
- Innovations, research and presentations are given utmost importance to groom students and infusing the learning attitude in students.
- The personality development is initiated by which 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.

School of Management offers following courses

S.No.	School of Management	Duration	Annual Academic Fee	In-take	Minimum Eligibility Criteria	Criteria for Preparation of Merit List
	School of Managment					
1.	Bachelor of Business Administration	3 years	60000	60	Minimum 50% Marks in 10+2 examination from CBSE or equivalent.	Merit on the basis of qualifying examination
2.	Bachelor of Business Administration + KCAP by KPMG	3 years	70000	60	Minimum 50% Marks in 10+2 examination from CBSE or equivalent.	Merit on the basis of qualifying examination.
3.	Bachelor of Commerce	3 years	60000	30	Minimum 50% Marks in 10+2 examination from CBSE or equivalent.	Merit on the basis of qualifying examination.
4.	Bachelor of Commerce + KCAP by KPMG	3 years	70000	30	Minimum 50% Marks in 10+2 examination from CBSE or equivalent.	Merit on the basis of qualifying examination.
5.	Bachelor of Science-Hospitality and Hotel Management	3 years	60000	30	Minimum 50% Marks in 10+2 examination from CBSE or equivalent.	Merit on the basis of qualifying examination
6.	Bachelor of Arts-Journalism and Mass Communication	3 years	60000	30	Minimum 50% Marks in 10+2 examination from CBSE or equivalent.	Merit on the basis of qualifying examination
7.	Master of Business Administration with dual specialisation in the fields of Human Resources, Marketing, Finance	2 years	125000	60	Minimum 55% Marks in Bachelor Degree of three years from a UGC recognised university or equivalent.	Merit on the basis of qualifying examination CAT/MAT/XAT 2017 prefered.

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

Seminars & Industries Exposure-School of Management

School of Management aims at preparing students for the Industry through holistic development. Many eminent speakers from the industry, enlighten students with their thoughts. During an Industry Enlightenment Week and seminar conducted in JU with the theme: "Millennium: Honoring the past, Treasuring the present, Shaping the future", dignitaries like Mr. Amit Tyagi, Senior Manager HR, JCB : Dr. Prateem Tamboli, Facility Director, Fortis : Dr. Pramila Sanjaya, Honorary Advisor, SIDART : Mr. Promod Kumar Vijayvergiya, Deputy G.M., SIDBI : Mr. Sameer Chaturvedi, CEO, Jaipur Rugs : Mr. Mohd. Furqan Warsi, Associate Director, KPMG. Students were also exposed to training through webinars series by Dr Manu Vora, Fellow of ASQ, Quality luminary and guru, from Chicago.

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, School of management gave thrust upon igniting young minds to become successful entrepreneurs through another series of expert and students interaction, through Entrepreneurship Development week. Experts and entrepreneurs like Mr.RakeshSidana, Founder, CEO, MeriCar.com: Prof. Satish C Sharma, CMD, Maharaja Group of Institutions: Dr.Mukta Arora, ED, WSHGI cum Additional Director SHG- Department of women and child development: Mr.Piyush Bhan, Director of Operations, Salucro Software Development: Mr.Puneet Mittal, Founder, CEO Pratham Software and Mr. R. Giridharan, GM, RBI Jaipur. Bikramjeet Singh, BPM, Valuer HR conducted session on – Fundamental & Technical Analysis of Stocks. Students were exposed to – Heritage properties like Amber fort, Jaipur Foot Centre, etc.

The function of education is to teach one to think intensively and to think critically. Intelligence plus character - that is the goal of true education.

-Martin Luther King, Jr.

Students got exposure by volunteering in events like the fifth China – India Forum: "Creating together – the future road of Economic and Trade integration and strong friendship ties" at the Mariott Hotel Jaipur, GRAM – Global Rajasthan Agritech Meet 2016.

A guest lecture was organized by School Of Management at JECRC University on 18th January, 2017 on Leadership by Mr. Sandeep Menghnani and Mr. Deepak Kapoor eminent speakers. These speakers enlightened the students with their valuable insights on leadership, some interesting stories and a small activity.

Faculty of School of Management

Courses Offered:

MBA, BBA, BBA with KCAP by KPMG

BCOM, BCOM with KCAP by KPMG

B.Sc. Hospitality and Hotel Management

B.A. Journalism and Mass Communication

MBA Dual Specialization

Course Structure

Semester I: Principles and Practices of Management, Managerial Economics, Managerial Accounting in Management, Organizational Behavior, Marketing Management, Quantitative Methods in Management, Information Technology for Management, Business Communication, Communication Skills-1, Foreign Language-1

Semester II: Business Environment, Financial Management, Production & Operations Management, Human Resource Management, Seminar, Foreign Language-2, Specialization 1 – Three subjects, Specialization 2- Three subjects

Summer Training: Six weeks

Semester III: Strategic Management and Social Capital, Business Laws, Corporate Social Responsibility Human Values and Ethics , Project Management, Management Research Methodology, Communication Skills-3, Foreign Language-3, Specialization 1 – Two subjects, Specialization 2- Two subjects, Summer Training Report.

Semester IV: Environmental Studies, Dissertation

Specialization Electives

FINANCE: Security Analysis and Portfolio Management, International Financial Management, Financial Derivatives, Indian Financial System, Financial Decision Making, Insurance & Risk Management, Mergers, Acquisitions and Corporate Restructuring.

MARKETING: Product Management and Brand Building, Advertising Management, Sales and Distribution management, Consumer Behavior and Market Research, International Marketing, Rural Marketing, Retail Management.

HUMAN RESOURCE: Organizational Development and Management of Change, Sourcing , Training and Development, Knowledge Management, Performance Management and Retention Strategies, Strategic Human Resource Management, Industrial Relations & Labour Laws, Compensation Management.

Note: Above mentioned electives will be offered only if substantial students opt for them.

BBA

Course Structure

Semester I: Principles of Management, Business Organization, Mathematics and Statics for Business, Managerial Economics, Business Communication, General Studies, Computer Applications, Professional Skills I, Environmental Studies.

Semester II: Organizational Behavior, Accounting for Managers, Principles of Marketing Management, Human Resource Management, Financial Management, Macro Economics and Global Environment, Quantitative techniques, Computer Applications, Professional Skills II.

Semester III: E-entrepreneurship, Financial Markets and Services, Research Methodology, International Trade and Finance, Enterprise Resource Planning & Data Base Management System, Human Resource Development, Computer Applications, Professional Skills III, Value Education Human Rights and Legislative procedures.

Semester IV: Industrial relations & Labor laws, Cost & Management accounting, Corporate finance, Operation Management, Business Environment, General Studies, Computer Applications, Professional Skills IV, Open Elective I.

Semester V: International Business Management, Legal Environment for Business, Investment & Risk Management, Corporate Strategy, Business Analytics & Intelligence, General Studies, Open Elective II, Open Elective III, Professional Skills V, Summer training.

Semester VI: Media Management, Customer Relationship Management, E-Commerce, Project Management, Global Business Environment and Ethics, Operation Research, Professional Skills VI, Open Elective IV, Project.

BBA with KCAP by KPMG

Course Structure

Semester I: Same as BBA Normal except KCAP Paper I in place of Mathematics and Statics for Business.

Semester II: Same as BBA Normal except KCAP Paper II in place of Accounting for Managers.

Semester III: Same as BBA Normal except KCAP Paper III in place of International Trade & Finance.

Semester IV: Same as BBA Normal except KCAP Paper IV in place of Cost and management Accounting.

Semester V: Same as BBA Normal except KCAP Paper V in place of Open Elective III.

Semester VI: Same as BBA Normal except KCAP Paper VI in place of Open Elective IV.

B Com

Course Structure

Semester I: Principles of Management, Financial Management, Mathematics and Statics for Business, Managerial Economics, Corporate Laws, General Studies, Computer Applications, Professional Skills I, Environmental Studies.

Semester II: Organizational Behavior, Accounting for Managers, Principles of Marketing Management, Human Resource Management, Macro Economics and Global Environment, Industrial Relations and Labour Laws, Corporate Governance & Social Responsibilities, Computer Applications, Professional Skills II.

Semester III: Banking Law & Practice, E-Business & Cyber Laws, Research Methodology, International Trade and Finance, Cost Accounting, Computer Applications, Professional Skills III, Value Education, Human Rights and Legislative Procedures.

Semester IV: Quantitative Techniques, Mercantile Law, Corporate Accounting, E-Marketing, E-Accounting, General Studies, Computer Applications, Professional Skills IV.

Semester V: International Business Management, Income Tax, Sales Management, Financial Market Operations, Advertising & Brand Management , General Studies , Professional Skills V, Summer Training.

Semester VI: Business Ethics, Tax Planning for Business, E-Filing of Return, Cost Audit, Economic development and policy in India, Business Communication, Professional Skills VI, Project.

Placement Opportunities

The 4 pillars of business functions –Finance, Human Resource, Marketing and Operations. Several Off shoots and specializations over time have 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 run.

A management graduate over 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.

The degree can also open 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 would prefer to use their management skills and knowledge in managing themselves and their own resources. Our UG program arms the students to pursue future specialized courses such as MBA, CA, CS, ICWA.

The PG students are specialized in dual Degrees having combinations such as Marketing and Human Resource, Marketing and Finance.

Due to hands on and practical experiences during a summer internship program students are equipped to face the domain 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 Generalist etc.

Placement at a Glance

JECRC foundation 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.

Summer Internships

SOM, JU provides huge internship opportunities through it's academia Industry Interface in various organizations, such as Ultratech cement, Aditya Birla Group, Reliance Mutual Fund, Wonder Cement, RIICO, Reliance Communications, SBI Mutual Fund, R K Marbles.

Bachelor of Science
Hospitality & Hotel Management

The opportunity of the hospitality industry includes a variety of businesses that provide services and facilities such as accommodation, food and beverage, 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 includes 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 (servers, housekeepers, porters, kitchen workers, bartenders, etc.), management, marketing, and human resources.

There are some specific jobs in the public sectors like universities, hospitals armed forces and Railways.

Semester I: Foundation Course in Food Production – I, Foundation Course in Food & Beverage Service – I, Foundation Course in Front Office – I, Foundation Course in Accommodation

Operations – I, Application of Computers, Hotel Engineering, Nutrition

Semester II: Foundation Course in Food Production – II, Foundation Course in Food & Beverage Service – II, Foundation Course in Front Office – II, Foundation Course in Accommodation Operations – II, Nutrition, Accountancy, Communication

Semester III: Food Production Operations, Food & Beverage Operations, Front Office Operations, Accommodation Operations, Food & Beverage Controls, Hotel Accountancy, Food Safety & Quality, Research Methodology

Semester IV: Summer Internship

Semester V: Advance Food Production Operations – I, Advance Food & Beverage Operations – I, Front Office Management – I, Accommodation Management – I, Financial Management, Strategic Management, Research Project

Semester VI: Advance Food Production Operations – II, Advance F&B Operations – II, Front Office Management – II, Accommodation Management – II, Food & Beverage Management, Facility Planning
Research Project
*Courses are subject to approval from BOS

Career Opportunities in Hospitality and Hotel Management

Global growth and development of tourism have opened up innumerable openings. As a result, the graduating Students can look forward to career opportunities such as:
Management Trainee in Hotel and allied hospitality industry

- 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

Department of Journalism and Mass communication

Dr. Neeraj Khattri
Associate Professor & Head of Department
Ph.D (Impact of Mass Media on HIV/AIDS)
Experience: 12 Years

Dr. Neeraj Khattri is a senior academician and researcher in the field of Journalism & Mass Communication. He has more than twelve years of experience in Media academic and industry. Dr. Khattri completed his PhD on Impact of Mass Media on HIV/AIDS awareness in Delhi slums from Department of Journalism and Mass Communication, Himachal Pradesh University Shimla. Many of his research papers are published in reputed research Journals and books. He has published four books on Mass Media. He has attended more than thirty five National and International Seminars & Conferences in India and abroad. Dr. Neeraj Khattri has been awarded with the Mass Communication Teaching Excellence Award by the Public Relation Society of India Jaipur Chapter in 2016. His areas of interests are Media research, Development Communication and Reporting. Dr. Khattri has been an active member of four International Media organizations like IAMCR, IYMS, AYJW, PRSI and ACMS. His areas of interests in teaching are Media research, Development Communication, Media cultural studies and Reporting. Presently he is working as an Associate Professor and HOD in Department of Journalism and Mass Communication, JECRC University Jaipur, India.

Bachelor of Arts (Journalism and Mass Communication)

First Semester: Introduction to Communication, Writing for Media, Environmental Studies, IT for Media
Practical: Communication Lab, Writing for Media Lab, IT for Media Lab
Second Semester: History of Print & Broadcasting in India, Socio-economic and Cultural Awareness, Print Journalism Photo Journalism & Still Imagery
Practical: General Awareness Practical, Print Journalism Lab, Photo & Still Imagery Lab
Third Semester: Introduction to Advertising, Media Ethics and Laws, Radio Journalism & Production, Basics of Camera Lights & Sound, Summer Training Report
Practical: Advertising Lab, Radio Journalism & Production, Operation & Handling of Video Equipment Lab
Fourth Semester: Development Journalism, Television Journalism & Production, Public Relation & Corporate Communication, New Media Journalism
Practical: Television Journalism & Production Lab, Public Relations Lab, New Media Lab
Fifth Semester: Theatre and Cinema Studies, Event Management: Principles & Methods, Media Research, Media Literacy and Analysis, Functional Exposure Report
Practical: Cinema Studies Lab, Event Management Lab, Media Research Lab
Sixth Semester: Media Organization & Management, Contemporary Media Issues, Global Media Scenario
Practical: Final Project, Comprehensive Viva

Career Opportunities in Journalism and Mass Communication

Journalism and Mass Communication study is an encouragement to think about the forces involved in giving it shape. No one voice is better or more authoritative than the others, nor is there any one unitary vision of Journalism to be found. Department of Journalism and Mass Communication mission is to be better than the best in the field of Mass Communication, Journalism and Research.
Mass Media industry is one of the fastest growing industries with the mission of social conscience. After the entry of Social Media, rapid change has been registered in other mainstream Media. Simultaneously the scope for budding Journalists and Mass Communicators are also increasing especially in Social Media, Event Management, Development Communication, Crisis Management & Communication, Theatre, Public Speaking, Journalism, Media Research, Cinema, Media Academics, Advertising and Public Relations.
Department of Journalism and Mass Communication is offering a degree of three years BA(JMC). The course is approved by the University Grants Commission. The Strength of the Department are State -of-the Art Media Labs, Well Equipped News Room, Software updated Computer Lab, Practicing Media Cell, Vibrant Media and Communication Research Cell, International Exposure to Media Students, Standard Media Industry visits, Interaction with Media Stalwart and Film Celebrities, Regular Cultural and Academic activities, Internationally recognized and dedicated Faculty, Central Library with standard books and International and National Journals.
After the successful completion of this professional course anybody can build their career in/as Print, Radio, TV, Web Journalist, Video editor, Copy editor, Editor, Anchor, Voice over artist, Producer, Author Script Writer, Communication Specialist in NGO's, Documentary and Film Director, Public Relation officer, Advertising, Research Analyst, Social Media Activist, Web Graphic Designer, Columnist, Corporate Manager Radio Jockey, Media Manager, Theatre, Event Manager and many more.

Seminars, Guest Lectures, Activities

1. Media Workshop - Grassroot Media Foundation, Jaipur
Media Workshop for Media Students organized by Grassroot Media Foundation, Jaipur on December 10, 2016. Our Media students participated and were awarded by District Magistrate, Jaipur. They were appreciated for their pro-active involvement in Media workshop. Grassroot Media Foundation assured for students for years to come activities.

2. Fringe-2K16 - Inter University Media Fest, Jaipur
Fringe-2K16- Inter University Media Fest organized by Manipal University Jaipur from November 17-18, 2016.
Our students participated in different journalism and Mass Communication activities like Mock Press Conference, Media Quiz, Photo-Journalism, News Anchoring etc. By participating in these activities with students of various Media Schools, the morale of our Mass Communication students was boosted. The students who participated in these activities are:- Rani Joshi, Mohitinder Singh Maan, Falguni Shrivastava, Priyansh Nahar, Lakshika Mathur, Harshit Jha, Rimjhim Sharma, Chandan Kumar Jhangid, Chirag Sharma and Banwari lal Sharma.

3. National Children Film Festival, Jaipur
National Children Film Festival organized by Children Film Society, India from November 14 to 16, 2016. It was an honour to be the only department to be associated officially with an event by the Government of India. Our Mass Communication students volunteered in various program held there i.e. Film Screenings, Dialogue-sessions, Talk with Celebrities. Our students assisted famous celebrities like Anil Kapoor, Irfan Khan, Ila Arun, Mukesh Khanna, Tisca Chopra, Darshil Safari who attended the event. Our Students performed their assigned duties efficiently and inculcated professional culture within themselves. The Students, who attended this event as volunteers were:- Rani Joshi, Mohitinder Singh Maan, Falguni Shrivastava, Priyansh Nahar,Harshit Jha, Rimjhim Sharma, Bhumika Dhingra, Lakshika Mathur, Chirag Sharma and Banwari lal Sharma.

4.Sahitya Aaj Tak, New Delhi
This Event was organized on November 12-13, 2016 at Indira Gandhi Center for Arts, New Delhi, where the eminent Literary and Cine- personalities like Anupam Kher, Anurag Kashyap, Hari Om Panwar, Ashutosh Rana, Prasoon Joshi, Kedar Nath Singh, Chetan Bhagat and Kapil Sibbal, Rajdeep Sardesai participated. Our student Aditya Pareek met all these celebrities and had a talk with Rajdeep Sardesai. It was a learning experience for him.

5. Extension Lecture- Prof. Vikram Kaushik
Department of Journalism and Mass Communication conducted an extension lecture of renowned media academician Prof.(Dr.)Vikram Kaushik, Department of Communication, Technology and Management, Guru Jambheswar University of Science and Technology. He delivered his lecture on Media Education. After his lecture, our student had a conversation with him by questioning him about the need of the hour in Journalism Sector. It was a productive experience.

BIG IDEAS FOR A BETTER FUTURE

6. Film Screening

Discourse through Cinema is an objective of our Department. The Students of Journalism and Mass Communication organized a Film Screening under the banner of our Department on November 5, 2016 at Moot Court, Science Block. The Film 'Das Boot' was screened with an introduction and followed by a discourse moderated by Aditya Pareek. More than 100 students of various Schools of JECRC University participated in this event.

7. Udaipur Film Festival

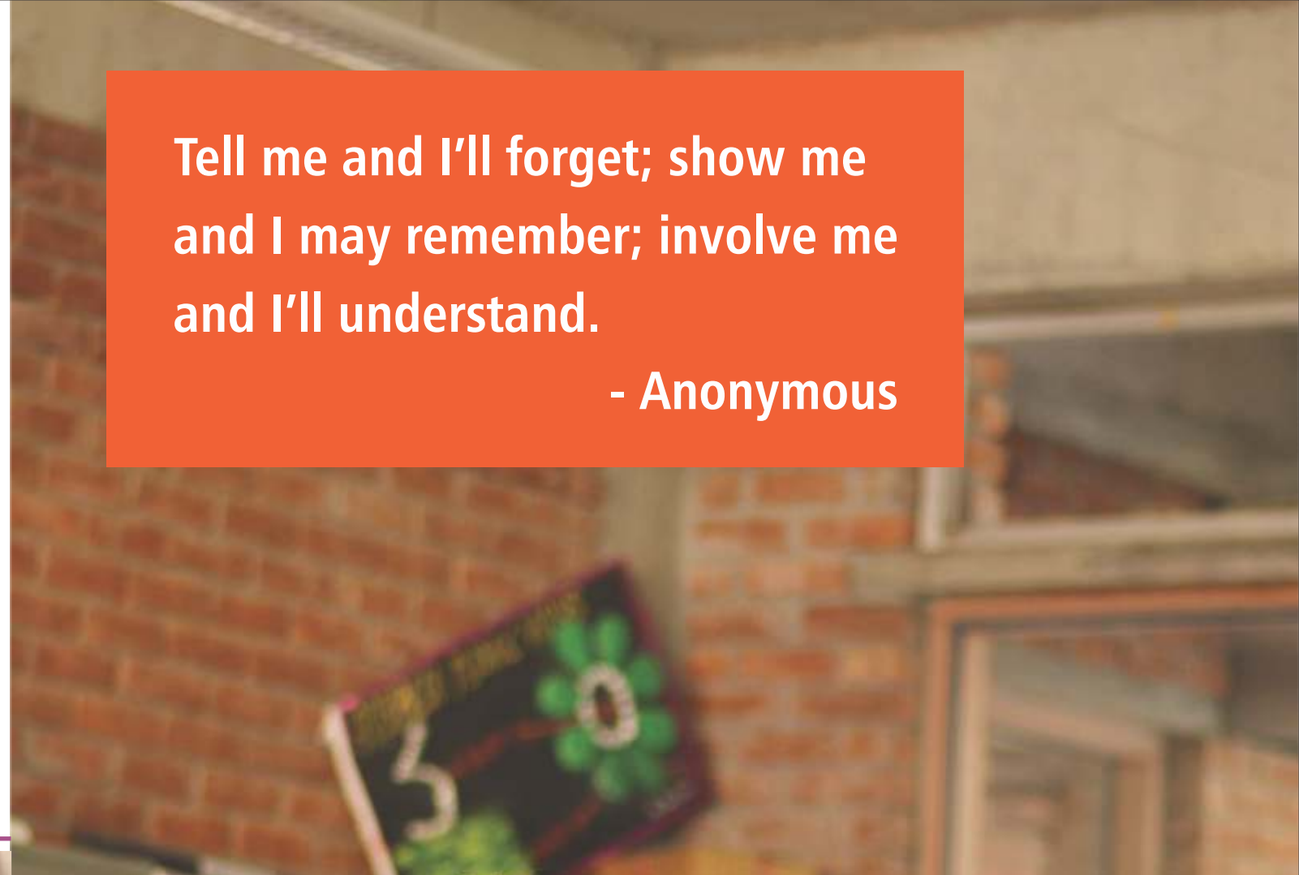
Udaipur Film Festival was held on October 14-16, 2016 in Udaipur. The objectives of the event was to provide students exposure to a Journalistic-approach of Cinema in the form of Documentary Cinema, give them Practical-knowledge of Event-management as an official member of Festival team and to explore their potential as Video-journalists and Student Film makers. To attend this 3-day event, 14-students went for a 6-day Udaipur Trip. In this event, students had an intimate interaction with many renowned Film makers of the Nation.

8. Extension Lecture- Mr. Nitesh Anand

The Extension lecture of Mr. Nitesh Anand, Associate, Advocacy, Centre for Civil Society, Social Change through Public Policy, New Delhi was held on October 7, 2016. The objective of this extension lecture was to make our students aware of an International short film competition named Edu Doc: Stories of Education. Our students came to know about objective, process and prizes of this Film Competition. With a productive interaction of all 14-students with Mr. Nitesh Anand, Students felt confident to make a movie through minimum technical resources and its future potential for student film makers.

9. Talk Journalism

All 14 students of the Department of Journalism and Mass Communication attended 'Talk Journalism' held on July 29-31, 2016. In this event, all 14-students got a precious opportunity to listen to renowned National Journalists i.e. Shekhar Gupta, Prananjay Guha Thakurta, Jagdish Katil, Ravish Kumar, Kumar Vishwas, Barkha Dutt, Rahul Dev, Ayaz Memon. This Event initiated a Journalistic-spark within our Mass Communication students.



Tell me and I'll forget; show me and I may remember; involve me and I'll understand.

- Anonymous

SCHOOL OF SCIENCES

Prof. R. N. Prasad, Ph.D., FICS
Dean, School of Sciences
Former President Indian Chemical Society
Ph.D. – Chemistry Rajasthan University,
M.Sc. (Chemistry)- Gold Medalist, Agra University
Research Areas: Co-ordination Chemistry, Bio- inorganic Chemistry, Environmental Chemistry, Computational Chemistry, International / National Publications 125, Ph.D. Awarded 28

Dean's Message

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, post graduate 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 gives more emphasis on strong interaction with the industries to provide job opportunities for the students. Therachem Research Medilab, the top most research laboratory cum industry in Rajasthan, is equipped with all modern facilities including LC-MS, HPLC, 300 MHz NMR etc, is a sister concern of the JECRC University where world class research is carried out in the field of Medicinal Chemistry.

Prof. (Dr.) Widhi Dubey
Director, School of Sciences
Qualification: M.Sc. (Bot.), Ph.D, F.B.S., F.S.A.B.
Research Area: Plant pathology, Plant nematology & integrated pest management, Pollen allergy, Antimicrobial and antioxidant activity of plants. Publication Journals 17, Books 06, Presentations in Conferences: 12

Director's Message

JECRC is one of the fastest upcoming universities in the State of Rajasthan with a view to expand access to 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 to the improvement in quality of life of its citizens.

JECRC University consistently attracts the finest faculty and best of students for its Bachelor's, Master's and Doctoral Programs. It has the required infrastructure & well-equipped laboratories, for an 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 molded into well-rounded personalities, given their exposure to working as teams on projects, developing presentation and communication skills, and actively participating in extracurricular activities.

School of Sciences is offering following Programmes

S.No.	Programme / Course	Duration	Annual Academic Fee	In-take	Minimum Eligibility Criteria	Criteria for Preparation of Merit List
	School of Sciences					
1.	B. Sc. - Hons. - Biotechnology	3 years	60000	30	Pass in Senior Secondary Examination (10+2) with minimum 50% marks in aggregate in all subjects with pass in English from a recognised Board of School Education or equivalent.	Merit on the basis of qualifying examination.
2.	B. Sc. - Hons. - Microbiology	3 years	60000	30	Pass in Senior Secondary Examination (10+2) with minimum 50% marks in aggregate in all subjects with pass in English from a recognised Board of School Education or equivalent.	Merit on the basis of qualifying examination.
3.	B.Sc. Agriculture (Hons.)	4 years	60000	60	Pass in Senior Secondary Qualifying Examination (10+2) with minimum 50% marks in aggregate in all subjects equivalent.	Merit on the basis of qualifying examination.
4.	B. Sc. Hons. - One Major out of Physics, Chemistry, Mathematics and two Minors out of Physics, Chemistry, Mathematics, Statistics, Botany, Zoology	3 years	60000	60	Pass in Senior Secondary Examination (10+2) with minimum 50% marks in aggregate in all subjects with pass in English from a recognised Board of School Education or equivalent.	Merit on the basis of qualifying examination.
5.	M. Sc. - Biotechnology	2 years	75000	20	Minimum 50% Marks in Bachelor of Science of three years duration with pass in Biotechnolgoy/Botany/Zoology and English from a UGC recognised University or equivalent.	Merit on the basis of qualifying examination.
6.	M. Sc. - Chemistry	2 years	60000	20	Minimum 50% Marks in Bachelor of Science of three yrs duration with pass in Chemistry and English from a UGC recognised University or equivalent.	Merit on the basis of qualifying examination.
7.	M. Sc. - Physics	2 years	60000	20	Minimum 50% Marks in Bachelor of Science of three duration with pass in Physics and English from a UGC recognised University or equivalent.	Merit on the basis of qualifying examination.
8.	M. Sc. - Mathematics	2 years	60000	20	Minimum 50% Marks in Bachelor of Science of three duration with pass in Maths and English from a UGC recognised University or equivalent.	Merit on the basis of qualifying examination.
9.	M. Sc. - Microbiology	2 years	75000	20	Minimum 50% Marks in Bachelor of Science of three duration with pass in Botany/Zoology/Microbiology/Biotechn -ology and English from a UGC recognised University or equivalent.	Merit on the basis of qualifying examination.

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

Department of Biotechnology

Dr. Hardik Pathak
Assistant Professor & HOD
Ph.D, M.Sc Biotechnology (B'lore University)
Experience: 13 Years
Areas of Interest: Microbial Ecology, Environmental Biotechnology

Biotechnology Department

The Department of Biotechnology was established in the year 2012 as one of the Departments under school of Science to impart quality education in the field of Biotechnology and to create trained Bio-technologists.

The department is headed by Dr Hardik Pathak having a total teaching experience of 11 years. Department of Biotechnology aims to familiarize students with fundamental concepts of basic techniques and their applications.

The Department is conducting courses at UG & PG levels including two year M.Sc. and three year B.Sc programs in Biotechnology (Core) and B.Sc (as one of the combination) in addition to Ph. D Program through Course work as per UGC regulations.

The Department of Biotechnology has a well developed facility for, Microbiology Biochemistry, Molecular Biology Plant and animal Tissue culture and Bio-informatics. The Instruments available include cooling centrifuge, BOD Incubator, deep freezer and instruments like LC/MS, IR, AAS at Therachem research lab.

The thrust area of research includes Bio-remediation of hydrocarbon and petroleum contaminated soil, fungal biodiversity studies for bio-active compounds, Plant Secondary metabolite, 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 National institutes in India and abroad. Faculty members have their research groups including Ph.D. students, and they receive extra-mural research projects in their respective area of research from various Govt. Funding agencies.

Ongoing Project
Department has got project entitled "Rural Women Technology Park in Vidhani Village (Sanganer Block, Jaipur District, Rajasthan" from Department of Science and Technology, New Delhi, India.

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 personals that will become a part of R&D base in recognized biotechnology businesses, as well as attract and train innovative people.

Courses Offered

B.Sc Biotechnology (3 years)

Course Structure

Semester I– Cell biology, Biological macromolecule, Microbiology, Cyto-genetics lab, Biochemistry lab and basic microbiology lab

Semester II- Metabolic Pathway, Genetics, Bio-analytical technique, Genetics lab, Analytical lab, Biochemistry lab

Semester III- Immunology, Genetic Engineering, Medical Biotechnology, Immunological techniques lab, Recombinant DNA technology lab, Medical diagnosis Lab

Semester IV- Molecular Biology, Plant Biotechnology, Bio-process Engineering and Technology, Molecular Biology lab, Tissue Culture lab, Fermentation technology lab

Semester V- Proteomics and Genomics, Animal Biotechnology, Environmental Biotechnology, Animal Tissue culture lab, Environmental Biotechnology Lab, Bio-informatics lab

Semester VI-Project, Seminar, Elective paper

M.Sc Biotechnology

Semester I- Basic Biochemistry, Microbiology, Bacteriology and Virology, Antigen and antibody based techniques, practical lab of Microbial Analysis, Biochemical Analysis and Immunology

Semester II- Metabolism of Biological Molecules, Microbiology, Genetic Engineering, Molecular therapeutics, Practical lab on Genetic engineering, Molecular Diagnosis

Semester III- Environmental Biotechnology, Plant Biotechnology, Animal Biotechnology, Research Methodology, Bio-statistics, practical Lab on Tissue culture technology, Environmental Biotechnology, Bio-statistics

Semester IV- Dissertation, Seminar

Department of Botany

Dr. Sonali Pandey
Associate Professor & HOD
Ph.D (F.B.S), M.Sc
Experience: 17 Years
Areas of Interest: Phytoremediation, Bioindicators, Biofertilizers & Biocides

Botany Department

The Department of Botany was established in 2012. The department is headed by Dr Sonali Pandey having a teaching experience of 17 years at UG & PG level of Botany, Biotechnology and Microbiology.

The Department of Botany aims to provide knowledge and insight about plants, plant biology, and the crucial ecological roles of plants. Plants provide aesthetic beauty as well as materials for our basic needs. Increasing human population is linked to ever increasing food demand and environmental problems. Botany as a subject provides any individual to work in a job that is both, fun to do and a benefit to others. Cell Biology, Morphology, Genetics, Molecular biology, Systematics Taxonomy, Paleobotany, Ecology and Physiology are the speciality 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 degree course to undergraduates 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.

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

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 17 years. They are authors and co-authors of more than 15 books from national and international publishing houses. They have more than 60 research papers in the journals of National and International repute. Both are life members and fellow of various National and International botanical societies.

The Department of Botany at JECRC University is actively engaged in research, with full time Ph.D Scholars persuing research on topics viz. Integrated Pest Management, Biological Control, Aeroallergens of plant origin, Antimicrobial and Biochemical studies of Plants, Molecular Biology, Environmental Biotechnology, Phytoremediation, identification and characterization of Phytoplanktons with bioremediation potential. The Department has received research funding of
Rs 2.07 Lakh to Ms Shreya Khandelwal (Research Scholar) from CSIR-UGC. NET

B.Sc – Botany (Minor)

Course Structure

Semester I- Cell Biology and Thallophytes and Practical Lab of Algae, Fungi and Basics of Cell Biology

Semester II- Bryophyta, Pteridophyta and Lichens and Practical Lab of Cryptogams and Lichens

Semester III- Genetics and Plant Breeding and Practical Lab on basics of Plant Breeding and Genetics

Semester IV- Morphology, Anatomy and Plant Physiology and Practical Lab on Fundamentals of Anatomy, Morphology and Plant Physiology

Semester V- Gymnosperm, Angiosperm and Paleobotany and Practical Lab on Spermatophytes and Palaeobotany

VIth Semester- Environmental Management and Economic Botany and Practical Exercises based on Plant Ecology and Economic Botany

Placement Opportunities

Among the careers available in Botany the positions are as an ecologist, taxonomist, conservationist, forester or plant explorer. Someone with an interest in chemistry might become a plant physiologist, plant biochemist or molecular biologist. There are frequently separate departments specializing in different applied subdisciplines of botany like: Agronomy (field crops), Horticulture (ornamentals, fruits and vegetables), Microbiology (microbes such as bacteria and fungi) and Plant Pathology (diseases of plants). Plant biologists who enjoy working with people have a wide range of opportunities in


RESEARCH LAB

teaching and public service. Some botanists work in marketing or administration of plant-related industries such as pharmaceutical companies, seed companies, plant quarantines, biotechnology firms, scientific publishers and biological supply houses. Other plant biologists work in museums, herbaria, and botanical gardens. Some, with additional training, become scientific writers, computer programmers, botanical illustrators. Service in public affairs, at the community and national levels, is an increasingly important role for plant biologists.

Department of Chemistry

Prof. Sanjay K. Sharma, FRSC
Professor & Head, Department of Chemistry
Associate Dean, Research
Experience: 20 Years
Areas of Interest: Green Chemistry and Sustainability

About the Head of Department

Prof. Sanjay K. Sharma, a follow of prestigious Royal Society of Chemistry (UK) is Head, Department of Chemistry, JECRC University, Jaipur since the beginning of the department at JU, i.e. 2012. He is a Ph.D. (1999) from University of Rajasthan, Jaipur. He is a well-known signature in the field of Green Chemistry and a prolific internationally acclaimed author and editor. As an academician of international merit, he has 18 books of Chemistry published from International Publishers including Wiley (Germany), Springer (UK), Royal Society of Chemistry (UK), CRC Taylor & Francis (USA) and 73 research papers in the journals of National and International repute to his credit.

Dr. Sharma is a man of Green Chemistry and has been appointed as Series Editor by Springer's, the UK for their prestigious book Series 'Green Chemistry for Sustainability' and is also a member of American Chemical Society (USA), International Society for Environmental Information Sciences (ISEIS, Canada). He is also a life member of various professional societies including International Society of Analytical Scientists, Indian Council of Chemists, International Congress of Chemistry and Environment, Indian Chemical Society, etc.

About the Department

The Chemistry department has high efficient teams of 04 Professors, 01 Associate Professors and 04 Assistant Professors. Our faculty believes research is a vital component in the education of a chemist. Scientific research usually involves a question, an investigation of that question, and finally, communication of the discovery. The Department also organized various National conferences/workshops regularly. The Chemistry department has a well equipped laboratory with efficient equipment like UV-VIS Spectrophotometer, pH Meter, Polarograph, Digital Conductivity Meter, Electronic Balance, Microscope, Double Distillation Plant, Bomb Colorimeter, Fluorescence spectroscopy.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.

Scope of the subject

Chemistry is the "Game of a single electron". Chemistry plays a key role in solving economic, environmental and societal problems, which are intimately connected with the basic question how to guarantee the sustainability of our planet. It tends to focus on the properties of substances and the interactions between different types of matter, particularly reactions that involve electrons. In more formal terms chemistry is the study of matter and the change it can undergo. So it is with chemistry, 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 lifestyle.

Chemistry is a job oriented course. Chemistry is a significant component in all emerging industries based on advance in energy, medicine, biotechnology, textile, cement and national defense. It is expectation that major advances in these areas will be enabled by new developments in chemistry. Understanding the basic chemistry is essential for all, but specializing in chemistry, making a career out of the subject is also interesting. All the medical students, physicists, geologists, nutritionists study chemistry. Plenty of chemistry related high paying jobs are available today in various field like:

- National Research Laboratories.
- Research & Development laboratory of industries of medicine, textile, cement and many more.
- Scientist at Analytical laboratories and Forensic laboratories.
- Scientist at Geological Survey of India (GSI) and DRDO.
- Public Sector Units (PSUs) like ONGC, IOC, BHEL, NTPC.
- Chemist at various public department like PHED, Pollution Department, VUNL and many more.

Courses Offered:

At JECRC University (JU), we are offering Chemistry as a core subject at Graduation level of Science and Engineering, Post Graduation level and Doctoral level (Ph.D.).

At Graduation Level

- B.Tech. Engineering Chemistry, B.Tech. Engineering
- Chemistry Lab and Environmental Science.
- B.Sc. Chemistry (Major)
- B.Sc. Chemistry (Minor)

At Post Graduation Level Specializations

- Inorganic Chemistry
- Organic Chemistry

At Doctoral Level (Ph.D.) Specializations

- Green Chemistry
- Analytical chemistry

- Inorganic Chemistry
- Organic Chemistry
- Physical Chemistry
- Pharmaceutical Chemistry

About Doctoral Research (Ph.D.) at JECRC University

The Department offers a vibrant atmosphere to students and the faculty to nurture the spirit of scientific inquiry and to pursue cutting-edge research in a highly encouraging environment. At JU, we have researchers involved in all the core areas of chemistry; Analytical, Recyclable and Reusable Catalytic Methodology, Inorganic, Physical, Polymer, Theoretical, Materials, Bio-Chemistry, and Organic Chemistry. Many of the researchers, however, are inter-disciplinary and often cross the boundaries between fields and even disciplines, such as biology, materials, engineering, and physics. Seven faculties, all Ph.Ds are highly efficient in cutting-edge research in the areas of Synthetic Organic Chemistry, Green Chemistry, Drug discovery and Molecular Designing, Modeling of Catalyst, Water Pollution and Prevention Chemistry. Applications of Nanotechnology in developing Epoxides, Nanocatalyst, Drug delivery, Natural Products, Prevent the Environment and Ultrasound & Sonochemistry following by Principles of Green Chemistry.

Nanotechnology is the technology of the future and has revolutionized all fields of medicine, agriculture, environmental and electronics by providing abilities that would never have previously dreamt of and also a unique platform of multidisciplinary approaches of engineering, biology, physics and chemistry. "Green synthesis" or "Green Nanotechnology" is a new platform to design novel products. Basic pillars of green chemistry are utilization of less toxic, safe biodegradable and cost effective sources, energy efficient reactions and inherently safer chemistry. The Green synthesis approaches for nanomaterials are supposed to benefit environmental and biomedicine segments of nanotechnology applications. Nanotechnology is gradually being benefited by Green and Eco-friendly synthesis features and witnessing a steady process. Green Nanotechnology development and production presents a unique opportunity to offer a more sustainable approach to protect public health and the environment.

Placement Opportunities

For placements in industries we provide time to time assistance to our students, arrange special industrial training and industrial visits. Reason to choose Chemistry in JECRC University (JU) –

- The JECRC University (JU) is well equipped for the international character of its education with a young and enthusiastic Teaching staff, which is actively involved in research.
- JU offers tailor-made individual study programmes.
- We have a Center of art Research laboratory in addition to the routine Graduation and Post–graduation laboratory, namely- Therachem Research Lab; which is very well 78-79 equipped with latest Analytical tools and techniques of International standard. Students working there become true members of internationally renowned multidisciplinary research teams.
- The Chemistry MSc programme offers ample opportunities for research projects in distinguished National/ International groups or in an industrial environment.
- The high standard of education ensures excellent job prospects in teaching, research and in the industry.

Department of Mathematics & Statistics

Dr. Abhay Kumar Jha
Associate Professor & HOD
B. Sc. (Hons.) - University of Rajasthan
M.Sc.- University of Rajasthan
Ph.D.- University of Rajasthan
Teaching Experience – 15 Years
Research Area - Fluid Mechanics, Heat Transfer
Book – Text Book of Engineering Mathematics – II
Paper Publication – International – 09, National - 09

Mathematics Department

Mathematics, hailed as the "Queen of Sciences" by Carl Fredrich Gauss, dreaded by many and loved by an equal number, has progressed rapidly since the beginning of recorded history. Mathematics embodies the spirit of the liberal arts: mathematics is an art, a pure science, a language and an analytical tool for the natural and social sciences, a means of exploring philosophical questions, and a beautiful edifice that is a tribute to human creativity.

At JECRC University, Department of Mathematics and Statistics was set up in 2012. Abstraction and applications rooted in quantitative reasoning sustain all its activities.

The Department keeps in pace with the advances in technology, by providing its students with separate and state of- the-art computer facilities for all the students. The students gain knowledge of various new areas of research using the free internet facilities made available in their labs. The students get the opportunity of attending seminars and invited lectures addressed by eminent mathematicians, faculty members from IIT, professors from other institutes and speakers from other areas of interest.

Several eminent mathematicians visit the Department from time to time and collaborate with the faculty members of the Department.

Courses offered

Ph.D. (Fluid Dynamics, Mathematical Modeling, Fractional Calculus, Operation Research and Special Functions)
M.Sc (Mathematics)
B.Sc (Mathematics/Statistics)

Departmental Activities

Invited Talks

1.Prof. (Padma- Bhushan/Padma Shree) M.S. Raghunathan, Tata Institute of Fundamental Research (TIFR); and IIT Bombay

2.Prof. (Dr.) Jugal Verma, IIT Bombay

3.Prof. (Dr.) S. G. Dani, Tata Institute of Fundamental Research (TIFR); and IIT Bombay

4.Prof. (Dr.) Joydeep Dutta, IIT Kanpur

5.Prof. G.C. Sharma, Ex- vice chancellor, Agra University

Conference

INTERNATIONAL CONFERENCE ON HISTORY AND DEVELOPMENT OF MATHEMATICS (ICHDM-2013)

The conference was being organized jointly with the Indian Society for History of Mathematics and JECRC University, Jaipur on 27th November - 1st December, 2013.

Seminar

Advance Training in Mathematics (ATM) was held on 30th Nov. to 26th Dec. 2015 at JECRC University, Jaipur. These schools started by the joint efforts of a large number of mathematicians across the country, with support from the National Board of Higher Mathematics and presently under National Centre for Mathematics. The programs are conducted in reputed mathematics department, every year.

Placement Opportunities

This is the golden age (as far as job opportunities are concerned) for Graduate, Master's and Ph.D. degree holders in Mathematics. For those inclined towards a research career, many positions are available in research institutions and universities. For those who wish to pursue a teaching career, well-paying teaching positions are available in plenty, in private engineering colleges. And for those who are willing to apply mathematics to practical problems, there has been a dramatic change in the job scene over the past few years in India. Many financial services companies, research labs of multinational companies and others are aggressively recruiting Indian mathematicians. The salaries offered are better than those offered to IT graduates. Students trained in pure mathematics are also actively recruited by these industries since almost all branches of mathematics are useful to them.

Department of Microbiology

Dr. Seema Bhadauria
Associate Professor & HOD
Ph.D. M.Sc.
Experience: 13 Years
Areas of Interest: Medical Microbiology and Biochemistry

Microbiology Department

The Microbiology Department was established in 2012. The Department is headed by Dr. Seema Bhadauria, having a total teaching experience of 13 years. Department of Microbiology aims to deliver the best quality graduates, masters, researchers and innovative technology for the benefit of society locally and globally. Department believes in the innovation of new facts through a broad spectrum of research that encourages entrepreneurship and economic development, to benefit our society worldwide. Department of Microbiology offers graduate and post graduate degrees for undergraduates and graduates in the area of Science.

Our primary objectives are:

1. To produce highly qualified and competent majors in the selected microbiology areas
2. To develop and maintain a strong and supportive research program to complement our teaching with the extended help of Therachem Research Lab
3. To be a center of excellence and information resource in microbiology.

Research conducted by our faculty is a vital part of our responsibilities and contributes significantly to our graduate and postgraduate program. One major research project of Women Scientist under scheme WOS - A has received by Department Head of Microbiology and is supported by Department of Science and Technology, Govt. of India.

Courses Offered

B.Sc. (Microbiology) (3 Year Course)

1st Semester: Physicochemical Techniques, Microbial Diversity, Biochemistry and Instrumentation Lab, Microbial Diversity Lab, Biochemistry Lab

2nd Semester: Bacteriology, Immunology, Mycology Bacteriology Lab Immunology Lab Mycology Lab

3rd Semester: Phycology, Virology, Molecular biology. Phycology Lab, Virology Lab, Molecular biology Lab

4th Semester: Microbial Genetics, Biostatistics Environmental microbiology. Microbial Genetics Lab Biostatistics Lab Environmental microbiology Lab

5th Semester: Microbial Physiology, Food Microbiology, Bio-informatics and Microbial Physiology Lab Food Microbiology Lab Basics of Bio-informatics Lab Industrial Visit

6th Semester: Project Training

M.Sc. (Microbiology) (2 Year Course)

Course Structure

1st Semester – Advanced Bacteriology, Biochemistry & Enzymology, Virology, Mycology and Phycology, Instrumentation. Advanced Topics in Microbial Diversity & Instrumentation Lab

2nd Semester – Advanced Fermentation Technology, Molecular Biology and Microbial Genetics, Immunology, Biostatistics and Computer Applications. Advanced Fermentation, Molecular Biology, Immunology and Computer Lab

3rd Semester – Medical Microbiology, Genetic Engineering, Microbial Technology, Applied Environmental Microbiology. Advanced Medical, Environmental Microbiology and Genetic Engineering Lab

4th Semester – Dissertation, Review report and Seminar.

Research at the Department of Microbiology

Women Scientist Project under WOS – A Scheme, Funding Agency Department of Science and Technology, Govt. of India – "In vitro Standardization of Dermatophytes and Kerationophilic Fungi by Compounds of Plant Origin" Project Investigator - Dr. Seema Bhadauria

Research within our department is focused on Medical Microbiology and Environmental Microbiology and includes specific expertise in: Dermatophytes, MRSA, secondary metabolites, Antimicrobial Activity, Hepatitis, Influenza, Biosurfactants etc.

Career Opportunities

The need for qualified Microbiologists continues to grow, both for basic research and practical applications. Microbiologists are needed across many industries, including academics, technology, industrial and environmental organizations. Several career paths exist for individuals interested in studying microbes, or using microbiology techniques in their daily job activities. Microbiologists work for a variety of employers, including the federal government, state and country health departments, and academic institutions. They may also be employed by pharmaceutical companies, biotechnology firms, food & beverage industries, and manufacturing companies. Many microbiologists conduct research in laboratories, as well as work in offices, where they write up the results of their experiments. Academic microbiologists often teach classes, in addition to conducting their own research.

Department of Physics

Dr. Aalok Pandya
Professor & HOD
Ph. D., M.Sc.
Experience: 20 Years
Research Interests: Quantum Gravity and Quantum Information

Department of Physics

The faculty in the Department of Physics in JECRC University is very vibrant. The faculty members in the Department of Physics are pursuing research in various vital fields such as Astronomy and Astrophysics, Quantum Physics, Fuel Cells and Lithium Batteries, Microwave Electronics, and Condensed Matter Physics. They have published research papers in the journals of international repute. Recently, Dr. Chandan Joshi, Assistant Professor in the Department participated in an international conference on Solar Physics in Czech Republic and presented a paper in that. Members of the Department have completed various research projects and a few more research projects are in the pipe-line.

Department of Physics offers various courses at an undergraduate as well as post-graduate level

Applied Physics for Engineering Students

The curriculum of the courses Applied Physics-I and Applied Physics-II has been designed to lay the foundation of engineering education in JECRC University. On one hand techniques based on Ultrasonic and Acoustics have been introduced and the syllabus is tuned with the pace of the contemporary higher education and engineering education in specific, on the other hand, the courses intend to impart a wide and comprehensive base for engineering students. The contents on LASER, Holography and Optical Communication address not only the issues of relevance to the contemporary technologies but also the futuristic scenario. The Nobel Prizes for Physics in the year 2005 and 2011 echo this sentiment of continuous relevance of these techniques. Similarly, Nuclear Energy is the need of the hour and the success of Global Positioning System (GPS) is endorsement of the importance of Special Theory of Relativity (STR) in the syllabus. The contents of Quantum Mechanics assure us of comprehensive technical education. A unit on "Upcoming Technologies" is to provide a glimpse of the cutting edge technologies that mushroom from the laboratories of Physics and transform the society of tomorrow. Physics of materials, lays emphasis on all aspects of Material Science and engineering. The unit on Magnetism proves its relevance when the Nobel Prize of Physics for the year 2008 was conferred for the discovery of technique of Giant Magnetic Resistance (GMR).

Post-Graduate (M. Sc.) Programme

Physics being one of the oldest academic disciplines is fundamental and foremost to all natural sciences and it has been

influential through advances in its understanding that have translated into new technologies. The objective of this course has been laid down with this very spirit. We have prescribed 'Ten Great Experiments in Physics' as part of curriculum of Physics Lab in M.Sc. I Semester and have taken various other initiatives too.

The M.Sc. Physics course is aimed at imparting a rigorous study program at post graduate level covering both depth and breadth of all relevant areas. The course structure is designed with due emphasis on wider conceptual base, including experiments and modern computational techniques. The three courses on Quantum Mechanics and one on Quantum Field Theory assure us of comprehensive and futuristic education that can pave way for Upcoming and Cutting Edge Technologies that mushroom from the laboratories of Physics and transform the society of tomorrow. The program aims to train future generations of physicists with specialization in one of the frontier areas of research, e.g. Astrophysics and Cosmology/ Atomic and Nuclear Physics/ Atmospheric Physics and Weather Science/ Quantum Information Sciences/Energy Studies etc.

Bachelor of Science (B.Sc.) Programme

We propose B. Sc. courses in two formats: B. Sc. with Physics as major subject and Physics as Minor subject as well. The details of these courses are as follows:

Courses offered by the Department and special papers

M. Sc. Physics Programme

Semester I:

Classical Mechanics, Quantum Mechanics-I, Classical Electrodynamics-I, Mathematical Physics, and Lab–I: Great Experiments in Physics.

Second II:

Statistical Mechanics, Quantum Mechanics-II, Electrodynamics-II, Computational Physics, and Lab–II: Advanced Physics Lab.

Semester III:

Nuclear Physics, Quantum Mechanics-III (Relativistic Quantum Mechanics), Advanced Solid State Physics, Solar Energy: Alternative Sources of Energy, and Lab–III: Nuclear Physics Lab.

Semester IV:

Quantum Field Theory/ Instrumentation Techniques, and an Extensive Project. Special Papers: General Theory of Relativity and Cosmology and Astrophysics; Ionospheric Physics and Atmospheric Physics and Weather Science; Particle Physics-I and Particle Physics-II; Condensed Matter Physics-I and Condensed Matter Physics-II; Digital Electronics and Microwave Electronics.

B. Sc. Physics (Physics Major) Programme

Semester I:

Mathematical Physics, Waves and Oscillations, Physics Lab-1 (A): General Experiments-I, Physics Lab-1 (B): General Experiments-II.

Semester II:

Thermodynamics, Optics, Physics Lab-2 (A): Optics Lab-I, and Physics Lab-2 (B): Optics Lab-II.

Semester III:

Mechanics and Properties of Matter, Electricity and Magnetism, Physics Lab-3 (A): Mechanics Lab-I, Physics Lab-3 (B): Mechanics Lab-II.

Semester IV:

Special Theory of Relativity, Quantum Mechanics, Physics Lab-4 (A): Electrical Lab-I, and Physics Lab-4 (B): Electrical Lab-II.

Semester V:

Solid State Physics, Electronics (Solid State Electronic Devices), Physics Lab-5 (A): Electronics Lab-I, and Physics Lab-5 (B): Electronics Lab-II.

Semester VI:

Nuclear and Particle Physics, Mechanical Workshop, and Electrical and Electronics. Elective Papers: Computational Physics, Digital Electronics, Statistical Mechanics, and Atomic & Molecular Spectroscopy.

Physics for other B. Sc. Programmes

(Physics Minor)

Semester I:

Mathematical Physics and Waves and Oscillations, Physics Lab-1: General Experiments.

Semester II:

Thermodynamics and Optics, Physics Lab-2: Optics Lab.

Semester III:

Mechanics and Electricity and Magnetism, Physics Lab-3: Mechanics Lab.

Semester IV:

Special Theory of Relativity and Quantum Mechanics, Physics Lab-4: Electrical Lab.

Semester V:

Solid State Physics and Electronics, Physics Lab-5: Electronics Lab

Sixth Semester: Nuclear and Particle Physics, Mechanical Workshop. Elective Papers: Computational Physics, Digital Electronics, Statistical Mechanics, and Atomic & Molecular Spectroscopy.

Department of Zoology

Dr. (Mrs) Rajesh Yadav
Assistant Professor-I & HOD
Ph.D, M.Sc
Experience: 16 Years
Areas of Interest: Reproductive toxicology, Bioremediation, Biopesticides, Food Microbiolgy

Zoology Department

The Department of Zoology was established in 2012. The Department is Headed by Dr. (Mrs) Rajesh Yadav having a teaching experience of 16 years at UG & PG level.

Zoology, a branch of biology, is the scientific study of animals including protozoa, fish, reptiles, birds and mammals. In other words, Zoology is the science which deals with study of animals and their existence in the environment. It encompasses the structure, anatomy, characteristics, behaviour, 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. While studying Zoology one studies the biology and genetics of animals including marine life, zoo animals, and animals in the wild and even household pets. The subject tells us how the animals think, why they act the way they do, where they live and why, how they have adapted to the environment, and much more.

Department of Zoology offers degree course to undergraduate students providing them sufficient knowledge in animal Sciences. The undergraduate curriculum in 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. In this course, the student gains an in-depth study of various invertebrate and vertebrate specimens. The purpose of this course is:

- To acquaint students with the identification, systematics, life history, anatomy, and adaptive strategies of the invertebrate and vertebrates and to expose them to field techniques used in their study
- To inculcate in the students an understanding, appreciation and respect for the other animals which share our planet

The Department also conducts seminars prepared by the students for their overall development of professional knowledge and skills at regular intervals of time. The Department has excellent Lab facilities, equipped with latest scientific instruments. The Department has all the facilities for the study of animal behavior, developmental biology, physiological, biochemical, microbial and animal biotechnology related exercises.

- The Faculty of the Department of Zoology at JECRC University are actively engaged in research, with full time Ph.D Scholars pursuing research on toxicity in animals/insects. Work is also being done on microbial contamination of animal products.

The department offers a Three year degree course in Zoology.

B.Sc – Zoology (3 year Course/ Six Semesters)

Course Structure

The student of this course will study the following papers in six semesters:

Semester I- Animal Diversity (Non Chordates) and Non Chordates Lab

Semester II- Molecular Biology and Genetics and Practical Lab of Molecular Biology and Genetics

Semester III- Biology of Chordates and Chordates Lab

Semester IV- Developmental Biology, Immunology and Evolution and Practical Lab of Developmental Biology, Immunology and Evolution

Semester V- Ecology, Ethology and Biostatistics and Practical Lab of Ecology Ethology and Biostatistics

Semester VI- Animal Physiology and Biochemistry and practical of Physiology and Biochemistry of Animals

Placement opportunities

Zoology is a great career interest for people who are fascinated with nature and would not mind spending time understanding it. There are several specializations like physiology, Taxonomy, embryology etc, because of which the students are presented with a plethora of career options once they chose to be associated with this field. On choosing this subject as a career, the person specializing in the field is a zoologist. On being a part of this field, one studies the behavior, characteristics, evolutionary trends of the different species of animals and those factors having a direct impact on them. Channels like National Geographic, Animal Planet, and Discovery Channel are in constant need of Zoologists for research and documentaries. Zoologists are also hired for zoos, wildlife services, botanical gardens, conservation organizations, national parks, nature reserves, universities, laboratories, aquariums, animal clinics, fisheries and aquaculture, museums, research, pharmaceutical Companies, veterinary hospitals, etc

BACHELOR
OF SCIENCES-HONS. (AGRICULTURE)

Dr. R. K. Bansal
Professor & Head of The Department
Ph.D. (Plant Pathology)
Research and Publication: 67
Experience: 35 Yrs. of Experience in teaching & Extension, University Head, Zonal Director, Drawing Disbursing Officer, Asstt. Dean Students Welfare.

The course of Agriculture Science focuses on soil and water conservation, plant breeding and pathology, soil and plant interaction system, agribusiness management and its implementation, live stock production & management and agricultural economics. This course is widely admired and treated as an imperative knowledgeable course for improving the traditional agriculture practices, to provide better yield by involving advance and scientific approaches without affecting the environment.

The entire curriculum adopted is as per recommendations of 5th Dean's Committee of Indian Council of Agricultural Research, New Delhi which appeared in July 2016 for implementation across all the state agricultural universities of the country. This curriculum is designed to give equal weightage to both theory and practical aspect of each course to ensure depth in the area of specialization together with breadth of exposure and intellectual enrichment, and to prepare the students for higher level professional research and development of career in national laboratories, Universities and industries. The duration of the program is 4 academic years. Each academic year is divided into two semesters with a total of 8 semesters. The courses of first and second academic years are of fundamental /basic nature and principles oriented ones whereas the third year courses are production oriented. Fourth year is completely dedicated to Rural Agriculture Work Experience (RAWE) and Experiential Learning Programme (ELP)/ Hands On Training (HOT) and is accordance to the student's READY (Rural Entrepreneur Awareness Development Yojana).

The curriculum also includes seminar, project, study tour, experimental learning etc. and many new courses have been added related to horticulture, rainfed agriculture, soil management, renewable energy, management of beneficial insects, forestry, agri-informatics, IPR, food science & technology, personality development, geoinformatics-nanotechnology & precision farmimg and disease management etc.

Scope

- B.Sc. in Agriculture has wide scope and is job orientated. Currently different agriculture based industries (like fertilizer industries and food manufacturing industries); non-government organisations (like Srijan, Pradan and BAIF); private and public sector commercial firms (like Nationalized and Gramin banks) and agricultural certification agencies etc. are recruiting the graduates of agriculture science.
- Higher degrees like M.Sc. in Agriculture with specialization of different disciplines like Horticulture, Agronomy, Soil Science, Plant-Pathology, Plant Breeding etc. can be persuaded.
- With B.Sc.(Ag) one can opt for MBA in Rural Management, Risk Management, ABM (Agri-business Management) etc.

Course Structure

The student of this course will study the following papers in eight semesters

Semester I

- Fundamentals of Horticulture
- Fundamentals of Plant Biochemistry and Biotechnology
- Fundamentals of Soil Science
- Introduction to Forestry
- Comprehension & Communication Skills in English
- Fundamentals of Agronomy
- Introductory Biology*/Elementary Mathematics*
- Agriculture Heritage*
- Rural Sociology & Educational Psychology
- Human Values & Ethics (non gradial)
- NSS/NCC/Physical Education & Yoga Practices**

Semester II

- Fundamentals of Genetics
- Agricultural Microbiology
- Soil and Water Conservation Engineering
- Fundamentals of Crop Physiology
- Fundamentals of Agricultural Economics
- Fundamentals of Plant Pathology
- Fundamentals of Entomology
- Fundamentals of Agricultural Extension Education
- Communication Skills and Personality Development

Semester III

- Crop Production Technology – I (Kharif Crops)
- Fundamentals of Plant Breeding
- Agricultural Finance and Cooperation
- Agriculture Informatics
- Farm Machinery and Power
- Production Technology for Vegetables and Spices
- Environmental Studies and Disaster Management
- Statistical Methods
- Livestock and Poultry Management

Semester IV

- Crop Production Technology –II (Rabi Crops)
- Production Technology for Ornamental Crops, MAP and Landscaping
- Renewable Energy and Green Technology
- Problematic Soils and their Management
- Production Technology for Fruit and Plantation Crops
- Principles of Seed Technology
- Farming System & Sustainable Agriculture
- Agricultural Marketing Trade & Prices
- Introductory Agro-meteorology & Climate Change
- Elective Course *

Semester V

- Principles of Integrated Pest and Disease Management
- Manures, Fertilizers and Soil Fertility Management
- Pests of Crops and Stored Grain and their Management
- Diseases of Field and Horticultural Crops and their Management-I
- Crop Improvement-I (Kharif Crops)
- Entrepreneurship Development and Business Communication
- Geoinformatics and Nano-technology for Precision Farming
- Practical Crop Production – I (Kharif crops)
- Intellectual Property Rights
- Elective Course *

Semester VI

- Rainfed Agriculture & Watershed Management
- Protected Cultivation and Secondary Agriculture
- Diseases of Field and Horticultural Crops and their Management-II
- Post-harvest Management and Value Addition of Fruits and Vegetables
- Management of Beneficial Insects
- Crop Improvement-II (Rabi crops)
- Practical Crop Production –II (Rabi crops)
- Principles of Organic Farming
- Farm Management, Production & Resource Economics
- Principles of Food Science and Nutrition
- Elective Course *

***Electives courses to be offered** : Agribusiness Management, Agrochemicals, Commercial Plant Breeding, Landscaping, Food Safety and Standards, Biopesticides & Biofertilizers,Protected Cultivation, Micro propagation Technologies, Hi-tech. Horticulture, Weed Management, System Simulation and Agro-advisory, Agricultural Journalism.

Semester VII

Rural Agricultural Work Experience and Agro-industrial Attachment (RAWE & AIA)

(Comprising of On Campus trainings, Village attachment, Unit attachment in State Agriculture University/ Agriculture College. KVK/ Research Station Attachment, Plant clinic attachment, Agro-Industrial Attachment)

Semester VIII

Experiential Learning Programme (ELP)/ Hands On Training (HOT), (Skill development programmes will be developed on some of the modules, namely, Production Technology for Bioagents and Biofertilizer, Seed Production and Technology, Mushroom Cultivation Technology, Soil, Plant, Water and Seed Testing, Commercial Beekeeping, Poultry Production Technology, Commercial Horticulture, Commercial Horticulture, Floriculture and Landscaping, Food Processing, Agriculture Waste Management, Organic Production Technology, Commercial Sericulture and a student will have to take any two modules out of those offered)

*Industrial attachment shall include attachment with any of the following industries/organisations

- Seed industries/ companies
- Fertilizer industries/companies
- Pesticide industries/companies
- Biotechnological industries/companies
- Tissue culture laboratories
- Bio-Pesticide industries
- Commercial nurseries/land scaping units
- Food processing units
- Agricultural finance institutions/banks/credit societies
- NGOs

Job & Future Prospects

- Farm manager
- Horticulture
- Market development officers
- Plant Breeders
- Bankers & Insurance executive
- Food industries
- Fertilizer companies
- Environmental Manager
- Soil Chemist
- Animal nutritionist
- Agriculture Field officer
- Agriculture Magazine journalist
- Newspaper journalist
- Sales executive
- Extension specialist
- Village Labour Extension Worker in Panchayats & blocks
- Agrochemical sales personal
- Agriculture Supervisor

Clubs and associations facilitate curiosity and manifest the right attitude in students towards a successful life

SCHOOL OF LAW

Prof. Mahesh Koolwal
Dean & Director SoL
Ph.D (Tax & Personal Law)
LL.M., M.A (Econ.)
Dip. In Russian French German
Experience: 31 years
Member-Regional Direct Tax Advisory Committee, Ministry of Finance, Govt. of India

Message of Director and Dean, SoL

Welcome to JECRC University (JU) School of Law (SoL) - with an increasing demand for quality education in law, SoL is established to produce well-trained motivated and socially sensitive lawyers to serve the society at par with other National Law Schools in India.

We attempt to bring excellence in students by nurturing their attitude 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 SoL 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 for the betterment of humanity. The Teaching method adopted is to promote multi-disciplinary inquiry and practical appreciation of problems and it involves lectures, discussions, case studies, Moot Courts and Project Work.

Faculty at the law School are very accessible with an excellent faculty-student ratio, the law school provides an exciting opportunity for the students to interact with the teachers. Project assignment is 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: (a) Moot Court Cell (b) Law Review Cell (c) Seminar Cell (d) 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 personalized 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 passing out, the student is under the academic guardianship of his/her mentor, who will maintain their curricular and extracurricular activities, guiding them in the same. We conduct Parent-Teacher meeting (PTM) once every semester. The purpose is to update the parents of the academic growth of their ward and to receive feedback of the course.

Courses Offered

Integrated Course

B.A LLB (Hons.) | **B.Sc LLB** (Hons.) | **B.Com LLB** (Hons.)

BBA LLB (Hons.)

S.No.	School of Law	Duration	Annual Academic Fee	In-take	Minimum Eligibility Criteria	Criteria for Preparation of Merit List
1.	B.A. LL.B (Hons.)	5 years	62000	60	Minimum 50% Marks in 10+2 examination from CBSE or equivalent.	First preference shall be on the basis of Merit in CLAT-2017 and seats remaining vacant Merit on the basis of qualifying examination
2.	B.Sc. LL.B (Hons.)	5 years	62000	60		
3.	B.Com. LL.B (Hons.)	5 years	62000	60		
4.	BBA. LL.B (Hons.)	5 years	62000	60		
5.	LL.B (Three years)	3	60000	60	Minimum 50% Marks in Bachelor Degree of three year duration from a UGC recognised University or equivalent.	Merit on the basis of Qualifying exam.

Fee for Integrated Law:
I year: 62000 P.A. | II year: 66000 P.A. | III year: 71000 P.A. | IV year: 77000 P.A. | V year: 84000 P.A.

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

Unitary Course

LL.B (Three years)

LL.B. (Three Year)

First Semester
Contract-I, Law of Tort - I, Constitutional Law - I, Family Law - I (Hindu Law), English – I

Second Semester
Contract - II, Consumer S.M.V. Act – (Tort - II), Constitutional Law - II, Family Law - II (Muslim Law), English – II

Third Semester
Jurisprudence - I, International Law - I, Indian Penal Code - I, Labour Law - I, Administrative Law

Forth Semester
Jurisprudence - II, International Law - II, Indian Penal Code – II, Labour Law – II, Law of Taxation

Fifth Semester
Civil Procedure Code (CPC) – I, Code of Criminal Procedure (CrPC) – I, Professional Ethics, Pleading & Conveyancing, Evidence

Sixth Semester
Civil Procedure Code (CPC) – II, Code of Criminal Procedure (CrPC) – II, Public Interest Litigation (PIL), Environmental Law, Land Law

LL.B. (5 Year)

B.A. LL.B. (Hons.)

First Semester
English – I, Computer Science- I, Psychology - I, Economics – I, Indian Legal History, Law of Torts – I

Second Semester
English - II, Computer Science - II, Psychology - II, Economics - II, Right to Information, Law of Torts - II

Third Semester
English - III, Constitutional Law - I, Political Science - I, Contract - I, Foreign Language - I (French), Banking Law

Fourth Semester
English - IV, Constitutional Law - II, Political Science - II, Contract-II, Foreign Language-II (French), Public Interest Lawyering

B.Sc. LL.B. (Hons.)

First Semester
English - I, Computer Science - I, Physics - I, Chemistry – I, Indian Legal History, Law of Torts-I

Second Semester
English - II, Computer Science - II, Physics - II, Chemistry - II, Right to Information, Law of Torts - II

Third Semester
English - III, Constitutional Law - I, Chemistry - III (Industrial Chemistry), Contract - I, Foreign Language - I (French), Banking Law

Fourth Semester
English - IV, Constitutional Law - II, Chemistry - IV (Forensic Chemistry), Contract - II, Foreign Language - II (French), Public Interest Lawyering

B.Com. LL.B. (Hons.)

First Semester
English-I, Computer Science-I, Economics-I, Business Management-I, Indian Legal History, Law of Torts-I

Second Semester
English-II, Computer Science-II, Economics-II, Business Management-II, Right to Information, Law of Torts-II

Third Semester
English-III, Constitutional Law-I, Financial Accounting, Contract-I, Foreign Language - I (French), Banking Law

Fourth Semester
English-IV, Constitutional Law-II, Cost Accounting, Contract-II, Foreign Language-II (French), Public Interest Lawyering

BBA. LL.B. (Hons.)

First Semester
English, Computer Science-I, Economics-I, Principles of Management-I, Indian Legal History, Law of Torts-I

Second Semester
English-II, Computer Science-II, Economics-II, Principles of Management-II, Right to Information, Law of Torts-II

Third Semester
English-III, Constitutional Law-I, Business Strategy, Contract-I, Foreign Language-I (French), Banking Law

Fourth Semester
English-III, Constitutional Law-I, Managerial Economics, Contract-I, Foreign Language-I (French), Public Interest Lawyering

Note : All Subjects will be same from Fifth Semester to Tenth Semester for B.A. LL.B. (Hons.), B.Sc. LL.B. (Hons.), B.Com. LL.B. (Hons.) and BBA LL.B. (Hons.)

Fifth Semester
Jurisprudence –I, Trust, Equity and Fiduciary Relations, Family Law-I, Labour Law-I, Company Law-I, Forensic Science & Criminal Investigation

Sixth Semester
Jurisprudence-II, Interpretation of Statues & Principles of Legislation, Family Law-II, Labour Law-II, Company-II, Health Law (Medical Jurisprudence)

Seventh Semester
Law of Property, Patent Law, Administrative Law, Public International Law-I, Law of Crimes –I (IPC), Principles of Taxation

Eighth Semester
Land Acquisition Laws & Rajasthan Land Law, Alternative Dispute Resolution, Law of Crimes-II, C.P.C.-I, Law of Evidence, Public International Law-II

Ninth Semester
C.P.C.-II, Competition Law, M&A, Private International Law, Drafting, Pleading and Conveyancing, Cr.P.C.-I, Insurance Law

Tenth Semester
Cr.P.C.-II, Human Rights Law and Practice, Cyber Laws, Criminology, Penology and Victimology, Environmental Laws, Professional Ethics & Accounting

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 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 will conduct one exclusive period daily for imparting practical knowledge to the students we have four specialized activity cell moot court cell law review cell seminar cell debate and quiz cell. Up to 10 semester students will have to join internship compulsorily at following Platform:

- District and Session Court
- High Court
- Human Right Commission State Women Commission
- Office of Police Commissioner
- Registrar of Company
- Law Firms
- Insurance Company Legal Clinic Real Estate Company
- Senior Advocates
- Legal Cell of PSU
- State and Centre Authorities Income Tax EXCISE Custom Office

SCHOOL OF DESIGN

Ms. Shivani Kaushik
Designation: Head of the Department
Department: School of Design
Qualification: Advance Jewellery Design Diploma, 16 years of teaching experience and serve as a Board of Study Member and Examiner for Jewellery Design in various other colleges.

Homo Sapiens 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. Modern desktop computers and laptops are capable of high resolutions and millions of color combination. Thousands of softwares are available for designing various objects and paintings using which an amateur can create wonderful eye catching objects. Industry, Trade and Commerce is 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, Textiles and Apparels, Tourism, Hospitality and Hotels etc.

School 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 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 practical skills required for the communication of ideas and understanding design as a process.

Courses offered

B. Sc. in Jewellery Design & Manufacturing (3 yrs)
B. Sc. in Interior Design (3 yrs)
B. Sc. in Graphic Design (3 yrs)

Course structure

B. Sc. in Jewellery Design & Manufacturing

Semester I: Design Foundation, Basic Art & Design, Jewellery sketching and rendering, Environmental Science, Fundamentals of Computer, Business Communication & Personality Development

Semester II: History of jewellery design and context, Gemology, Metallurgy, Computer Aided design I - Coral Draw, Jewellery Manufacturing techniques, Design Project – Gold Jewellery Design

Semester III: Diamond studies, Jewellery design marketing, Computer Aided design II - Coral Draw and orthography, Cost assessment techniques, Jewellery Manufacturing-II, Design Project- Diamond Jewellery, Workshop.

S.No.	School of Design	Duration	Annual Academic Fee	In-take	Minimum Eligibility Criteria	Criteria for Preparation of Merit List
1.	B. Sc. in Jewellery Design & Manufacturing	3 years	60000	30	Minimum 50% Marks in 10+2 examination from CBSE or equivalent	Merit on the basis of qualifying examination.
2.	B. Sc. in Interior Design	3 years	60000	30		
3.	B. Sc. in Graphic Design	3 years	60000	30		

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

Semester IV: Jewellery design trend and forecast, Enamel and Enameling process, Computer Aided design III- Jewel CAD, Jewellery Manufacturing-III, Design Project- Kundan Meena Jewellery, Retail marketing and sales promotion,

Semester V: Computer Aided design IV- rhino/3design, Jewellery Manufacturing-IV, Project management and entrepreneurship, Brand development - cotour jewellery, Business accounting and practice, Advertising and Brand development, Research Project and Seminar

Semester VI: Industrial Project, Portfolio Development

Career Prospects:

The program will develop students as designers in Jewellery Industry. They can work as:

- Enterpreneur
- Accessory Designer
- Merchandiser
- Design Managers
- Brand Manager
- Jewellery Stylist
- Production Manager

B. Sc. in Interior Design

Semester I : Design Foundation, Basic Art & Design, Graphic Representation, Environmental Science, Fundamentals of Computer, Business Communication & Personality Development

Semester II : Concept Studio, Architectural History-I (World), Building Materials, Basic Construction, Services-I, Interior Hardware & Software, Architectural Planning Studio, Workshop

Semester III : Furniture Design & Style-I, Architectural History-II (Indian), Space Planning & Design-I (Residential), Interior Construction, Services-II, CADD-Auto CADD (2D & 3D), Seminar.

Semester IV : Furniture Design & Style-II, Estimating & Costing, Space Planning & Design-II (Office Spaces), Exhibition & Set Design, Retail Design, CADD-3DS Max, Seminar.

Semester V : Project Management & Entrepreneurship, Professional Practice, Space Planning & Design-III (Public & Commercial Spaces), Landscape Design, CADD-MSP & Photoshop, Modern Developments in design, Seminar, Research Project.

Semester VI : Industrial Project, Portfolio Development

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

B. Sc. in Graphic Design

Semester I : Design Foundation, Basic Art & Design, Calligraphy & Typography (type design & application), Environmental Science, Fundamentals of Computer, Business Communication & Personality Development

Semester II : Advertising Art & Ideas, Graphic Design (Drawing mediums & techniques, Texture, color, Material, composition & layout), Basic Photography, Computer Graphic-I (Coral Draw), Computer Graphic-II (Illustrator), Computer Graphic-II (Photoshop), Design Project-I- Research Methodologies, Design Project-II- Understanding Various target audience, consumers (copywriting workshop)

Semester III : History of design, Contextual Photography (with adobe light room), Inter- design studies I – sign and symbols, Computer Graphic-III (Adobe Premier, Adobe effects), Computer Graphic-III (Flash), Computer Graphic-IV (In-design), Design Project- III- Signs & symbol design, Design Project- IV- Corporate Identity

Semester IV : Branding & Corporate Identity, Cinema & film History/ basic of moving image, Printing and Production methods, Computer Graphic-V (3D Max), Computer Graphic-VI (VFX &Motion Graphics), Design Project III- Publication Design (print web), Design Project IV- Design for Brands, Design Project VI-Story telling/story boarding/making a small film.

Semester V : Project Management & Entrepreneurship, Professional Practice in design, Communication theory and media studies, Inter design studies II –study of New- Age Media, Computer Graphic- (Dreamweaver), Design Project -VI Interaction design, Design Project-VII- packaging design, Design Project-VIII- Communication Campaign for social impact.

Semester VI : Industrial Project, Portfolio Development.

Career Prospects:

The program will develop students as designers in Graphic Design Industry. They can work as:

- Entrepreneur
- Graphic Artist
- Visualiser
- Art Director
- Graphic Communicator for Media & Communication
- Corporate Branding & Consultation
- Advertising Agencies
- Set Designer
- Exhibition Designer

Important Instructions for Admission Seekers

1. Submission of application for admission

Application for admission shall be submitted online only at the University website www.jecrcuniversity.edu.in for which application fee of Rs. 850/- is payable. Payment can be made through Credit/ Debit card at the time of submission of application. Alternatively, 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, Sitapura Industrial Area Extn., Vidhani Village, Jaipur 303 905

Once 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.

2. Directions for filling Online Application Form

Read Instructions for filling up Online Application Form carefully on the opening page after you Click 'Apply Now for Admission' Tab on the JECRC UNIVERSITY Website Home Page.

Keep a Digitized Photograph ready on your Computer Desktop for uploading with maximum 80 KB memory, 30mm x 45mm in size in a formal dress against plain background. Avoid photographs in T-shirts / Tops / Flashy Clothing because this photograph will go for your identity card.

Fill-up all fields with the correct information. Do not use all Capital / Small Letters. Use Sentence case. Mandatory fields are marked with Red Asterisks, without which application will not be submitted. You will have the liberty to edit certain fields as directed by the format including Address, Mobile Number, and Qualifying Examination Result etc.

3. Notification of Schedule for Physical Counseling for Admission

Look for notices/ alerts by clicking the 'Admission Notices/ Alerts' Tab on the home page of JECRC UNIVERSITY website.

All Schedule for Physical Counseling for Admission and other related information will be available on the website as and when published.

4. Physical Counseling for Admission

It is absolutely mandatory for the candidates to appear in person for physical counseling for admission before the Admission Committee. No relaxation of any kind is permissible in this regard.

Candidate must bring the following documents in original along with two sets of attested photocopies:

- Secondary School Examination Certificate (10th) – as proof of Date of Birth and Marks Sheet.
- Senior Secondary School Examination Certificate (10+2) and Migration Certificate.
- Detailed Mark sheets / Provisional Certificate / Degree / Diploma Certificate of the qualifying examination.
- Character Certificate from the Institution last attended.
- Result card of the relevant entrance examination.
- 4 passport size colored photographs in formal dress.
- SC/ST/Rajasthan state OBC, non-creamy layer Certificate if relaxation in minimum eligibility criteria is required.

On the day of physical counseling, candidates shall report on 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 or in Cash. Cheques shall not be accepted.

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 acknowledgement. All such students are also advised to keep a watch on 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.
- All candidates must wear formal dress at the time of physical counseling for admission as their photograph shall be clicked on the spot for Photo ID Card. T-shirts and Shirts with logos/quotes are prohibited.

5. Preparation of Merit List

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

For B.Tech Program the merit list shall be prepared on the basis of JEE – Main 2017 and seats remaining vacant, percentage of marks upto 2 decimal digits in all subjects in qualifying examination. Candidates are advised to supply 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 or generated by the system at the time of submission of online application in case of online submission.

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 Program till their result for the supplementary examination has been declared within the final cut off date of admission.

For PG Programs, candidates may be admitted provisionally subject to fulfillment of minimum eligibility criteria on or before 31.10.2017. 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. Student 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 / 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.

6. 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 2017
- 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 fee by the due date shall be levied a fine of Rs. 100/- per day including Sunday / Holidays up to 15 days. The name of the those students, who fail to deposit the fee with 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 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 inactive period for the purpose of calculation of attendance requirement. If the last date of submission of fee happens to be a holiday, next working day shall be counted as the last date of submission of fee for the purpose of late fee.

No separate notice for depositing fee shall be issued.

7. 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 Assistant Registrar (Registration & Scholarship) in Admin Block for which he/ she must obtain an acknowledgement.
- The fee deposited by such a candidate shall be refunded after deducting Rs. 5,000/- provided the candidate has submitted Withdrawal Application before Commencement of the classes. In such cases, the refund of fee shall be made within one calendar quarter after the final cut off date of admission, through cheque in favor of the Candidate only and sent at the address for correspondence through recorded delivery. In case, admission is withdrawn by the student after start of classes, rules for refund of the fees deposited shall be as given Appendix-1
- A student admitted in the University shall be required to pay fee for the entire duration of the course on annual basis in two installments. 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 whatsoever 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 Acknowledgement 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, the Rules for refund of the fees deposited shall be as given in Appendix-1.

These rules are only for first year students, no refund in case student leaves after Ist year.

8. Scholarship/Freeship Policy of JECRC University

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

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 subsequent semesters without having any compartment in any subject and minimum 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 non-compliance 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 subject equal to or less than 74.99 % shall loose 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.

9. List of other documents to be deposited after admission

In addition to the documents mentioned under clause 4 above, all students will be required to deposit following documents either during the orientation program or within 3 days from the date of admission whichever is later:

- Migration Certificate if not deposited earlier
- Undertaking by candidate and his/ her parents for "Anti Ragging", the format for which shall be available of JECRC University website
- Any other document required / notified later.
- Copy of Adhaar Card

Courses	% from	% to	Scholarship as % of tuition fee
B. Tech.	70	79.99	25
	80	84.99	35
	85	89.99	50
	90	100	60
Integrated Law	65	74.99	20
	75	100	35
BBA / B. Com / B. Sc. /BA / B.Sc. Agriculture (Hons.)	65	74.99	20
	75	100	35
BCA	65	74.99	20
	75	100	35
BBA / B.Com-KPMG	65	74.99	20
	75	100	35
MCA Lateral	65	74.99	20
	75	100	35

10. 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) debarring 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, treating or handling with rudeness any other student(s), indulging in rowdy or in-disciplined 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 students) 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

- It is mandatory for every student and his/her parents to submit an anti ragging affidavit at the time of first admission and there after 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. 3. Uptil now every college collected such information. But it was not stored in any central location. But this year the Ragging Prevention Program developed an online 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? 4. It is a simple procedure comprising 3 steps: Step 1: Log on to www.ANTIRAGGING.in or www.AMANMOVEMENT.org. Click on the button called – online 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. 5. 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 a fresh and submit the information again. There is no problem. It is a very easy process.

National Antiragging Helpline No. 1800-180-5522

11. University Rules and Code of Conduct

University Rules are available on its websites under the link 'Downloads', which must be followed by the students in immaculate manner.

It is mandatory to maintain minimum 75% attendance in each subject in odd/ even/ summer semester failing which the student shall be detained in that particular subject(s). In exceptional circumstances relaxation of 5% may be granted by the President on valid grounds as per recommendation of the Dean / Director of the school concerned. In addition, 10% relaxation may be granted only on the basis of hospitalization of the student concerned provided all requisite papers are submitted with 15 days from the discharge from the hospital.

Such relaxation may be granted by the president on the recommendation of a common committee constituted for such purpose.

If there is a mass cut in any of the period, students shall be charged a special fine of Rs. 50/- per period. If there is mass cut for the whole day, special fine of Rs. 200/- shall be charged.

Students are encouraged to participate in technical/ cultural festivals, sports meets, tournaments, seminars, workshops, conferences etc. By the reputed educational intuitions in the country / abroad, with prior approval of the president. However, no relaxation in minimum attendance criteria shall be provided in this regard.

Students who have been detained due to shortage of attendance in a particular subject shall not be allowed to appear in term end examination in that subject. He/she will be required to study that subject in summer semester again and deposit additional fee as mentioned above.

Dean of the school concerned shall announce the names of all such students who are not eligible to appear in the term end examination in each subject, at least 4 calendar days before the start of the term end examination and simultaneously intimate the same to the controller of examinations. In case any students appear by default, who in fact has been detained by the school his/her result shall be treated as null and void".

The students are advised to ensure that they meet the minimum attendance requirement for appearing in the semester and examination failing which they shall not be allowed to sit in the examination. Students are also advised to maintain utmost expected discipline in and outside the University Campus. Disturbance of tranquillity of the campus in particular and society in general, through any means shall be treated as an act of indiscipline and suitable disciplinary action shall be taken against the defaulting students. Students are also advised to dress appropriately, while on campus, as per demand of the occasion.

University has zero tolerance for indiscipline in and outside the campus by the students. Drinking, taking drugs, damaging University property, indulging in any kind of violence, misbehaving with fellow students/ teachers, ragging etc. are included in the list of undesirable activities and constitute the moral turpitude. Very strict action including suspension/ rustication from the rolls of the University may be taken against the students who are found indulging in any of the above mentioned or undesirable act.

All Boarders/ Hostellers must follow the Hostel / Mess Rules and must not indulge in any kind of damage to the Hostel / Mess / University properties failing which strict action per University Rules shall be taken against the defaulters including suspension / rustication from University/ Hostel.

12. General Instructions

- The student would be liable for necessary action as deemed fit by the JECRC University for any wrong information filled in the application form. If a candidate is admitted on the basis of information submitted by him/her, which is found to be incorrect or false on a later date, his / her admission shall be cancelled and all fees and other dues paid by him/her shall be forfeited. The University may also take further action as

deemed fit against such candidates and / or his / her parents / guardians as considered suitable.

- JECRC University presently follows the reservation policy as under: NRI/Foreign National/ PIO seats: 15% in all programmes/ courses.
- General Seats: 85%.
- All fees through Demand Draft are payable in the name of 'JECRC University' only.
- Mere inclusion of the name of a candidate in the merit list would not ensure his/ her admission. Candidate would be required to prove his/ her eligibility for admission by providing original and genuine documents in support of the claims made.
- The admission made by JECRC University shall be provisional, till the same is confirmed by the Registration Branch of the University.
- If the University Authorities are not satisfied with the character, past behavior and antecedents of a candidate, they may refuse to admit him/her in the University. In order to ensure academic standards, discipline and congenial atmosphere in the University, the President of the University/Dean of the concerned faculty may cancel the admission of any student who is found to be involved in activities which are prejudicial to maintaining harmony on the campus.
- The University has a streamlined method of redressal of grievances. The Grievances Redressal Committee addresses all kinds of grievances including those pertaining to admissions, examinations, conduct on the campus etc. on top priority.
- The University has a Prevention of Sexual Harassment Committee to deal with all Sexual Harassment related issues, which are handled on utmost priority. The candidates who are admitted in the University would be required to follow all rules and regulations in letter and spirit, conduct themselves in an orderly manner and maintain the best decorum, failing which suitable penal action would be taken against them.
- Canvassing in any form for influencing the admission by any candidate and / or his / her parents/ guardians would result in his/ her summary rejection for admission.
- The admission procedure is subject to modification, without notice, as per directions of UGC or any competent authority.
- The final cut off date for admission to all the courses is 30th September 2017.
- Admission Calendar is only indicative and subject to change by the competent authority.
- All applicants are instructed to follow the JECRC University website on a regular basis for date of counseling and other details related to the admission process.

- 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.

Doctor of Philosophy

Admission is also open for Ph.D. programmes for the session 2017-18.

JECRC University expresses a commitment to disciplinary excellence across the spectrum of the engineering, management, core sciences, medicine, 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, process and potential across the university, attracting the very best research students nationally and internationally, continuing 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.

Criteria for Admission

The admission to PhD programmes would strictly be done on the basis of regulations contained in the PhD Ordinance of the University 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 Humanities (including languages) and social science, Computer Science & Applications, Electronic Science, Engineering & Technology, Architecture, Management, Medicine, Dental Sciences, Pharmacy, Law etc. 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.

OR

A member of institute of charted Accountants of India. Must have appeared and qualified in Entrance Examination conducted by the University. However, candidates having a valid UGC-CSIR JRF / NET / GATE qualification or candidates having passport of a foreign country shall be exempted for 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 two years or extendable to minimum two years or more.

Registration Procedure

- Applications for admission in the Ph.D. programmes shall be submitted as per details given in section5. All eligible candidates also have to appear in a written test (of 70 marks) to be organized by JECRC University, as per guide lines of the UGC, followed by an interview / presentation carrying a weightages of 30 marks.
- Those applicants who are short listed and are found to be suitable shall appear before the Research Protocol Evaluation Committee (RPEC) of the concerned School / Department for judging the suitability of the research plan and availability of the Guide. The research plan shall be written in English in the specified format in accordance with the instructions contained in the PhD ordinance.
- The recommendations of the RPEC regarding the research plan of the candidate and proposed supervisors) shall be put up in the meeting of the University Research (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 with effect from date on which the URC accorded its approval or from the date specified by the academic council.
- A research scholar shall be required to renew his registration every semester/ year and pay the fees in the manner prescribed / year and pay the fees in the manner prescribed by the university.

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

Fee Structure and Refund Policy of Ph.D. Program

Course Work Fee	Registration Fee	Tuition Fee
Rs. 20,000	Rs. 5,000	Rs. 60,000 Per Annum

Note:

Minimum Duration for Ph.D. is three Years (As per UGC Norms).
No Fee refund is entertained in Ph.D. Programme.

Admission Calendar

Description	Name of the Programme					
	Ph.D	**B.Tech Normal Entry**	**All Non-Engg. UG Programmes including Integrated Law and LLB Programs**	**B.Tech Lateral Entry, M.Tech**	**M.Sc., MCA**	**MBA***
Last Date of Receipt of Application Forms	10.07.2017	20.05.2017	20.05.2017	11.07.2017	11.07.2017	11.07.2017
Date of Ph.D. Entrance Test	16.07.2017					
Declaration of Ph.D. Entrance Test Result	25.07.2017					
Interviews for Ph.D. candidates before RPEC						
Display of Merit List for Physical Counseling		23.05.2017	25.05.2017	12.07.2017	12.07.2017	12.07.2017
Physical Counseling cum Admissions / Protocol Presentation for Ph.D. candidates		03.06.2017, 04.06.2017 and 05.06.2017	04.06.2017	20.07.2017	20.07.2017	20.07.2017
Walk-in counseling for the seats remaining vacant		06.06.2017 Onwards	05.06.2017 Onwards	21.07.2017 Onwards	21.07.2017 Onwards	21.07.2017 Onwards
Classes Commence		17.07.2017	17.07.2017	01.08.2017	01.08.2017	01.08.2017
Final Cut off date for admission		30.09.2017	30.09.2017	30.09.2017	30.09.2017	30.09.2017

Appendix - 1

Ready Reckoner for Refund of academic / Bus / Hostel Fees for Student Admitted in 2017-18

(a) Academic Fees

Description	Tentative Date of Start of Classes	Deduction to be made for Withdrawal of Admission			
		within one month from the start of classes	**within two months from the start of classes**	**After two months /up to 30.09.2017 from the start of classes to final cut off date**	**After 30.09.2017**
B. Tech. Programmes	17.07.2017	One month's fee i.e. Rs. 12500+Rs. 5000 Admission fee	Two month's fee i.e. Rs. 25000+Rs. 5000 Admission fee	Three month's fee i.e. Rs. 37500+Rs. 5000 Admission fee	Total fee deposited shall be forfeited.
All UG Programmes – except B. Tech.	17.07.2017	One month's fee + Rs. 5000 admission fee	Two month's fee + Rs. 5000 admission fee	Three month's fee + Rs. 5000 admission fee	Total fee deposited shall be forfeited.
All PG Programmes	01.08.2017	One month's fee + Rs. 5000 admission fee	Two month's fee + Rs. 5000 admission fee	Three month's fee + Rs. 5000 admission fee	Total fee deposited shall be forfeited.

(b) Bus Fees

Bus fee for the Academic Year 2017-18 shall be Rs. 24000 per annum. However, this fee shall be suitably revised in subsequent years based upon actual costs but not more than 10% per annum.

Description	Date of Start of Classes	Deduction to be made for Withdrawal of Admission			
		within one month from the start of classes	**within two months from the start of classes**	**After two months/up to 30.09.2017 from the start of classes to final cut off date**	**After 30.09.2017**
B. Tech. Programmes	17.07.2017	One month's fee i.e. Rs. 2000	Two month's fee i.e. Rs. 4000	Three month's fee i.e. Rs. 6000	Total fee deposited shall be forfeited.
All UG Programmes – except B. Tech.	17.07.2017	One month's fee i.e. Rs. 2000	Two month's fee i.e. Rs. 4000	Three month's fee i.e. Rs. 6000	Total fee deposited shall be forfeited.
All PG Programmes	01.08.2017	One month's fee i.e. Rs. 2000	Two month's fee i.e. Rs. 4000	Three month's fee i.e. Rs. 6000	Total fee deposited shall be forfeited.

(c) Hostel Fees Hostel fee shall be charges for availing the hostel facility in odd/even semesters as under: (c) Hostel Fees (Air Condition)	
Academic Year	**Hostel fee**
Academic Year 2017-18	Rs. 125000 per annum

Hostel fee shall be charges for availing the hostel facility in odd/even semesters as under: (c) Hostel Fees (Non Air Condition)	
Academic Year	**Hostel fee**
Academic Year 2017-18	Rs. 90000 per annum

Note: Hostel fee includes food charges @ Rs. 30000 for Odd and Even Semesters.
In case a student avails hostel in either of the semester, the fee chargeable shall be 60% of the annual fee.

3d rendering of the hostel rooms.

Schedule of Payment of Hostel Fee:		
Academic Year	**1st Installment (AC Hostel)**	**1st Installment (Non AC Hostel)**
Academic Year 2017-18	Rs. 75000 at the time of admission	Rs. 54000 at the time of admission

Note: One time TV Deposit (Optional in AC Hostel only) Refundable: Rs. 5000/-
Caution Money One time, Refundable: Rs. 7500/-

Gymnasium Fees
Rs. 1000/- Per Semester (Only for Hostlers)

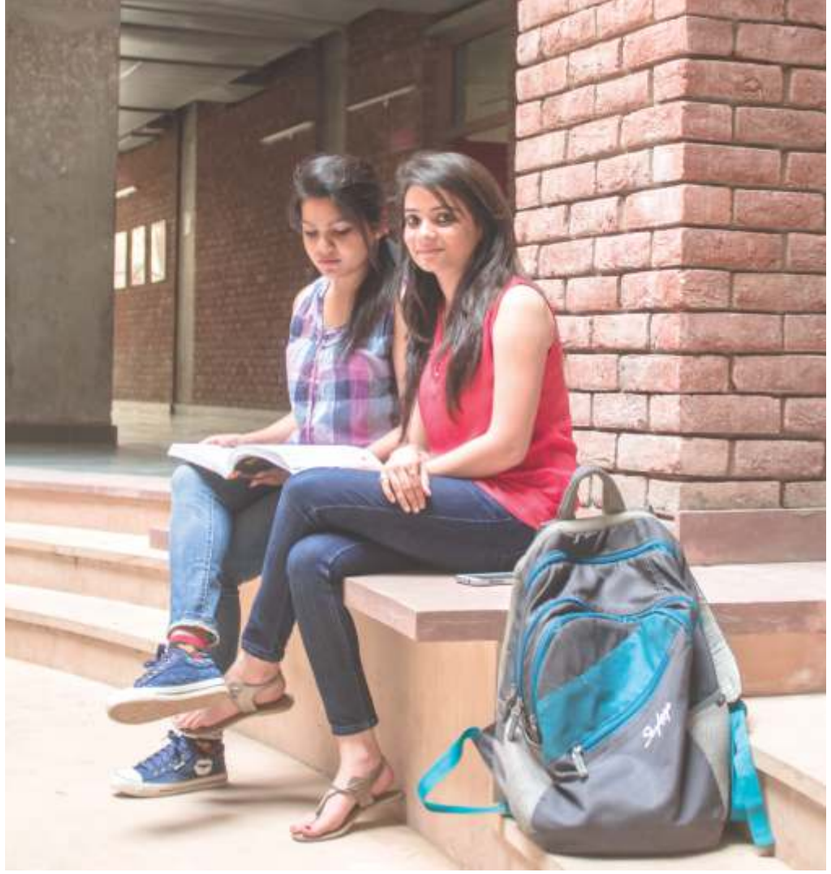
Description	Date of Start of Classes	Deduction to be made for Withdrawal from Hostel				
		within one month from the start of classes	**within two months from the start of classes**	**After two months/up to 30.09.2017 from the start of classes to final cut off date**	**After 30.09.2017**	**After the start of even semester classes**
B. Tech. Programmes	17.07.2017	Room Rent for one month and food charges on pro-rata basis	Room Rent for two months and food charges on pro-rata basis	Room Rent for three months and food charges on pro-rata basis	Total room rent paid and food charges on pro-rata basis	If withdrawal is made within one month from the start of the classes, room rent for one month and food charges on pro-rata basis shall be deducted. If withdrawal is made after one month from the start of the classes, total room rent shall be forfeited and food charges shall be on pro-rata basis.
All UG Programmes – except B. Tech.	17.07.2017	Room Rent for one month and food charges on pro-rata basis	Room Rent for two months and food charges on pro-rata basis	Room Rent for three months and food charges on pro-rata basis	Total room rent paid and food charges on pro-rata basis	
All PG Programmes	01.08.2017	Room Rent for one month and food charges on pro-rata basis	Room Rent for two months and food charges on pro-rata basis	Room Rent for three months and food charges on pro-rata basis	Total room rent paid and food charges on pro-rata basis	

Note : If a student has paid hostel fee for the even semester on or before 15th November of the previous year but withdraws from the hostel before the commencement of classes of even semester, the hostel fees paid for the even semester shall be fully refunded.

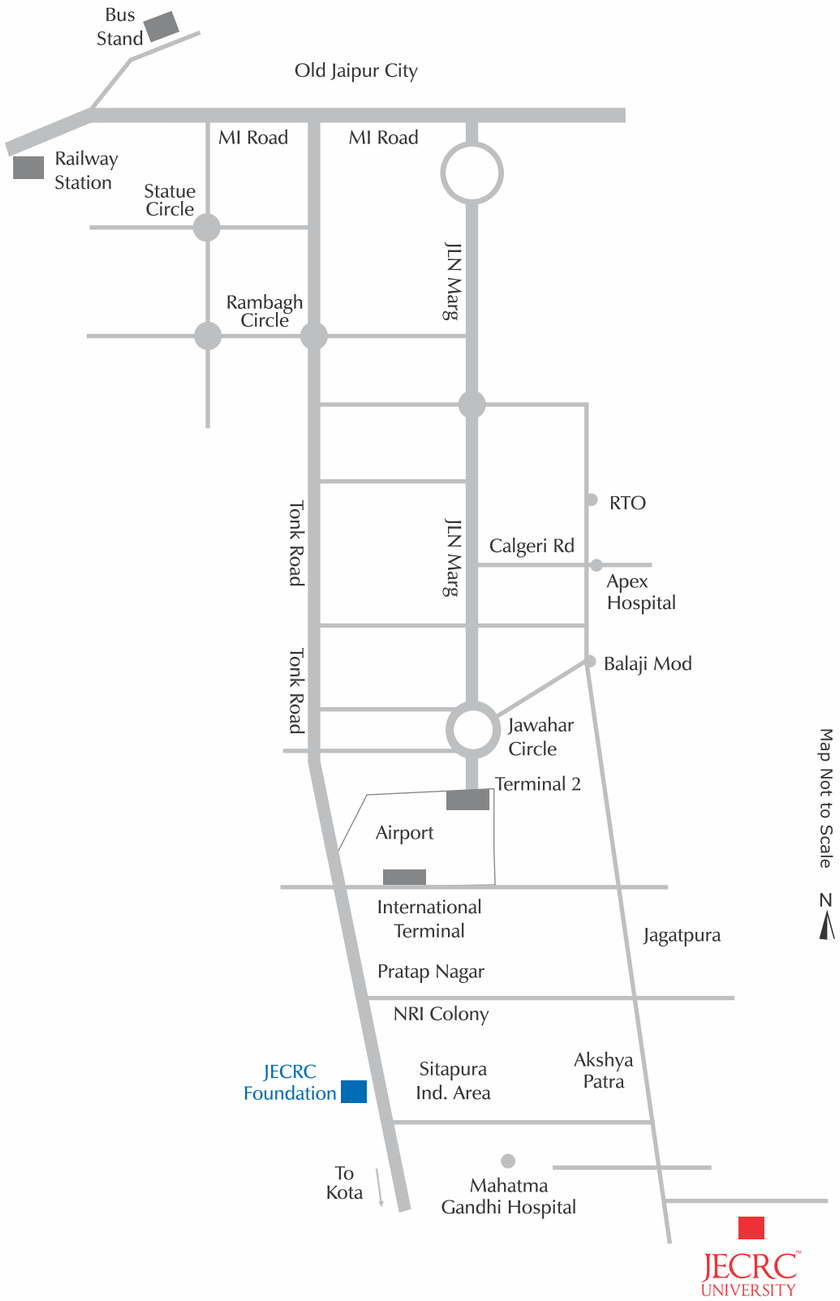
Fee Payable for Hostel during summer semister

Calendar Year 2017: Rs. 20,000 Including Food.
Calendar Year 2018: Rs. 22,000 Including Food.
Calendar Year 2019: Rs. 24,500 Including Food.
Calendar Year 2020: Rs. 27,000 Including Food.

Fee payable for stay in Hostel on casual basis subject to availability of seat.
Rs. 400/- per day without food charges.



Courses	Tuition Fee	Other Fees	First Year Fee	Second Year Fee	Third Year fee	Fourth Year Fee	Fifth Year Fee	Total Academic Fee	Alumni Fee and Admission fee One Time, Non Refundable (With First Installment)	Payble Academic Fee at the Time of Admission	II/III/IV/V/VI/VII/ VIII/IX/X Installments	Total Installments Payble	Year of Course
B. Tech.	97000	28000	125000	125000	125000	125000		500000	10000	72500	62500	8	4
Integrated Law	44000	18000	62000	66000	71000	77000	84000	360000	10000	41000	31000	10	5
BBA / B. Com / B. Sc. /BA	37000	23000	60000	60000	60000			180000	10000	40000	30000	6	3
B.Sc Agriculture - Hons.	37000	23000	60000	60000	60000	60000		240000	10000	40000	30000	8	4
B.Sc. Hospitality & Hotel Management	37000	23000	60000	60000	60000			180000	10000	40000	30000	6	3
BCA	47000	28000	75000	75000	75000			225000	10000	47500	37500	6	3
BBA / B.Com-KPMG	47000	23000	70000	70000	70000			210000	10000	45000	35000	6	3
Bachelor of Design	37000	23000	60000	60000	60000			180000	10000	40000	30000	6	3
MCA	52000	28000	80000	80000	80000			240000	10000	50000	40000	6	3
MCA Lateral	52000	28000	80000	80000				160000	10000	50000	40000	4	2
MBA	100000	25000	125000	125000				250000	10000	72500	62500	4	2
LLB	37000	23000	60000	60000	60000			180000	10000	40000	30000	6	3
M.Sc	37000	23000	60000	60000				120000	10000	40000	30000	4	2
M.Sc-Biotech/Microbiology	52000	23000	75000	75000				150000	10000	47500	37500	4	2
M.Tech	75000	25000	100000	100000				200000	10000	60000	50000	4	2
BA in Journalism & Mass Communication	37000	23000	60000	60000	60000			180000	10000	40000	30000	6	3


Bus
Stand
Old Jaipur City
Railway
Station
MI Road
MI Road
Statue
Circle
JLN Marg
Rambagh
Circle
RTO
Tonk Road
JLN Marg
Calgeri Rd
Apex
Hospital
Balaji Mod
Jawahar
Circle
Terminal 2
Airport
International
Terminal
Jagatpura
Pratap Nagar
NRI Colony
JECRC
Foundation
Sitapura
Ind. Area
Akshya
Patra
To
Kota
Mahatma
Gandhi Hospital
JECRC
UNIVERSITY
Map Not to Scale
N

JECRC™
UNIVERSITY
BUILD YOUR WORLD

JECRC University
Plot No. IS-2036 to 2039, Ramchandrapura, Sitapura Industrial Area Extension
Vidhani Village, Jaipur 303905, India
jecrcuniversity.edu.in | admission@jecrcu.edu.in
+91 141 6565615 | Follow us on