# Content Overview

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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
You are at a crucial stage of decision making in terms 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

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
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.

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

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 Aravalli 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.jecrcudml.edu.in.

Therachem Research Medilab (India) Pvt. Ltd.

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 team 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.
some of our recruitment partners:

- Capital IQ
- Bajaj Capital
- Syntel Inc.
- Godrej & Boyce
- Srinam Fertilizers & Chemicals
- Huawei Telecom
- Asian Paints
- Birla Cement/Indal Steel
- Shriram General Insurance
- Dainik Bhaskar
- Wipro Technologies
- Basant Wires Industries
- NBC (Aditya Birla Group Company)
- HDFC Bank
- Dabar Onquest
- ICICI Prudential
- Indian Immunological
- Kamdenu Steel's
- Coulera Technologies
- Cipla
- J K Cement
- Amol Pharmaceuticals
- Pfizer
- Sahara India
- Ahicon 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
- Appinio
- Hexaview Technologies
- Honda Motorcycle Pvt. Ltd.
- Bosch India Ltd.
- Unique Builders
- Reliance Jio Infocom Ltd.
- A3Logics
- JCB India Jaipur
- Maruti Suzuki India Ltd.
- Connect
- Persistent Systems
- Aviva Life Insurance
- Caparo Corporation
- A2Z Group of Companies
- Essar Steel
- A3Logics
- LG Electronics
- L&T India
- Infosys Technologies
- Benchmark Broadcasting
- System
- Reliance Industries Ltd.
- Tech Mahindra
- Goodrice Precise Steel
- Design
- Steel Design
- Accenture Service Pvt. Ltd.
- Sona Koyo Stearing
- Bascan Drugs & Pharmaceuticals
- Zensar Technologies
- Caparo Corporation
- Aiviva Life Insurance
- Persistent Systems
- 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
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 entrepreneurship, 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-placed training 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 recruitment, as per the placement schedule 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, JCCI Securities, Pinnacle Infotech, Mindtree continue to be big recruiters at the JU.

Technology service companies like like TCS, Accenture, Wipro, Capgemini, HP, Hexxave 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 shown their concern in selecting candidates. The students who have been selected will continue to be big recruiters at the JU. The Training and Placement cell not only provides career opportunities to students, but also brings to the students opportunities for placements, CAT and Bank PO examination as a part of the curriculum for various Academic Programs.

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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.

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 expertise 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 2.0 (2017) 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 Babra 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.
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.

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

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.

- 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

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.
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 Honourable 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 space 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, etc. as well as one-of-a-kind innovative amalgamations of the literature, arts, dramatics, music, dance, robowar, hackathon etc., as well as one-of-a-kind innovative amalgamations of the same.

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 Officer, Jaipur to provide Passport Services to maximum level.

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. 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 Jr., 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.

RHYTHRUM – JU FEST

About JU RHYTHRUM, @jyrhythm.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 RHYTHRUM” 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 RHYTHRUM. 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 ECell. 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.

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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 Entrepreneur 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 programmes.

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 IFL auction were the category events conducted. Cash Prize given was 1 Lakh INR worth.

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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, NehruFulbright 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 (DSTNSF) 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 intend 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 professorships such as Nehru-Fulbright fellowship

Ongoing Undergraduate Internship Collaboration:
The cell is currently working to match some B.Tech students of JECRC and UDMHL 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 associations 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 cooperation 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 it is likely to promote teaching and research excellence at JU.

IASE is an independent, nonprofit, 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 flag ship 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 University, 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 pace 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
- Gain practical experience in foreign industries; research institutes /universities, consulting firms, laboratories, local governments etc.
- Stand out to potential employers – make your CV shine.
- Make professional contacts – the building blocks of tomorrow’s world
- Increase your confidence and utilize your “survival skills”
- Improve language, social and communication skills
- Obtain up to date technical knowledge and experience
- Over 93 countries to choose from

Cultural Experience
- Enjoy living and working in another country
- Make new friends and become acquainted with a different culture

Research
- This unique program aims to apprise the research skills of University/college students
- 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
- 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 choose 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 who 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:
- Marketing
- Finance and insurance
- 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.

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 irrelevant 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.
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 employability and increase student’s awareness of mainstream science and work as bench-level scientists.

Wonder of Words "WOW" Literary Extravaganza

It is said that as one lamp lights another, it does not grow less, so too, nobleness enkindles nobleness. The merit of that saying was very evident when Luminaries graced the sanctum sanctorum 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 Sherez Jammohamed, Andrea Di Roblant, Mary Harper, Imogen Edwards Jones, Vikram Sampath, Bhavya Kauhik, Andrew Lycett, Ray Monk, Partha Mitter, Rana Mitter, Peter Godwin, Sheera Farkash, Russe1 Pukan, Ashwin Sanghi, Dave Goulson, Arun Kushiyap, Hansda Sowendra Shukla, Meena Kandasamy Om Thurai, Sahil Madhoo, Aka Saragoji, Prof. R Raj Rao, Rachel Kelly and Ailing Pang, Deepa Agarwal, Prof. Frank Trentmann, Dr. C.P. Deval (Padmashree, Sahitya Academy Award and Bharat Puraskar).

Life@JU Pink City-Jaipur

Jaipur, the world renowned Pink City is emerging as a rising 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 also buzz with a variety of business activities across sectors that give students tremendous exposure. National and multinational companies like Infosys, Genpact, Bosch, Deutsche Bank, Wipro, NCR, 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 of 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 sunlit and well ventilated interiors which divague 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 plants on 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.

1. 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,
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 unpatriarchally 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 the committee would however be final.
- 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 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 misrepresentation 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 falling 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.
- 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.

V. Property Damage and Recovery

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VI. Arrangements at the time of Vacation

- 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.

- 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.

- 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.

- 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.
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Sports Facilities

The University has provided for sports enthusiasts, a well equipped Gymnasium, Football ground, Basketball court, Volleyball court, Badminton court and indoor facility for Table tennis. The University is a 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 1st match against Swamin University, Gujarat 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 Barkatullah 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
- Schriebers’ - Media Club
- Pictexels - 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)
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

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Former Chancellor, University of Alabama Systems, USA

Prof. Bharat Soni  
Vice-President, Research & Innovation, Tennessee Technological University, USA

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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

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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  
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Director, Sant Longowal Institute of Engg. & Tech., Sangrur, Punjab

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IFS, Additional Chief Conservator of Forests, HP, Registrar, IIT, Delhi

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

Shri O.P. Agrawal  
Member

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Shri O.P. Agrawal  
Member

Shri S. L. Agrawal, Registrar, JECRC University  
Member Secretary
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, IISc, 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 conforms 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.

You can teach a student a lesson for a day; but if you can teach him to learn by creating curiosity, he will continue the learning process as long as he lives.

-Clay P. Bedford
At SOE, the following courses are offered at undergraduate & post graduate levels:

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Programme / Course</th>
<th>Duration</th>
<th>Annual Academic Fee</th>
<th>In-take</th>
<th>Minimum Eligibility Criteria</th>
<th>Criteria for Preparation of Merit List</th>
</tr>
</thead>
<tbody>
<tr>
<td>School of Engineering</td>
<td></td>
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<tr>
<td>1.</td>
<td>B. Tech - Civil Engg.</td>
<td>4 yrs.</td>
<td>125000</td>
<td>120</td>
<td>Pass in Senior Secondary Examination (10+2) with minimum 55% marks in aggregate in all subjects with pass in English, Physics &amp; Mathematics and one subject out of Chemistry, Biology, Biotechnology and Computer Science from a recognised Board of School Education or equivalent.</td>
<td>1) First preference 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</td>
</tr>
<tr>
<td>2.</td>
<td>B. Tech - Computer Science &amp; Engg.</td>
<td>4 yrs.</td>
<td>125000</td>
<td>180</td>
<td></td>
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<tr>
<td>3.</td>
<td>B. Tech - Electrical Engg.</td>
<td>4 yrs.</td>
<td>125000</td>
<td>60</td>
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<tr>
<td>4.</td>
<td>B. Tech - Electronics &amp; Communication Engg.</td>
<td>4 yrs.</td>
<td>125000</td>
<td>60</td>
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<tr>
<td>5.</td>
<td>B. Tech - Mechanical Engg.</td>
<td>4 yrs.</td>
<td>125000</td>
<td>120</td>
<td>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.</td>
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<tr>
<td>6.</td>
<td>Bachelor of Computer Applications</td>
<td>3 yrs.</td>
<td>75000</td>
<td>120</td>
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<tr>
<td>7.</td>
<td>B. Tech. Civil Engg.- Lateral Entry in 2nd year</td>
<td>3 yrs.</td>
<td>125000</td>
<td>24</td>
<td>(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.</td>
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</tbody>
</table>

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.
<table>
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<tr>
<td>1.</td>
<td>M. Tech. - Civil with specialisation in Structural Engineering</td>
<td>2 yrs.</td>
<td>100000</td>
<td>18</td>
<td>Minimum 55% marks in bachelor degree in civil engineering from UGC recognized university or equivalent.</td>
<td>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.</td>
</tr>
<tr>
<td>2.</td>
<td>M. Tech. - Computer Engg. with specialisation in Computer Networks &amp; Security/ Software Engg</td>
<td>2 yrs.</td>
<td>100000</td>
<td>18</td>
<td>Minimum 55% marks in bachelor degree in Computer Engineering / Information Technology / MCA from a UGC recognised University or equivalent.</td>
<td>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.</td>
</tr>
<tr>
<td>3.</td>
<td>M. Tech. - Electronics Engg. with specialisation in VLSI &amp; Embedded System/ Communication System</td>
<td>2 yrs.</td>
<td>100000</td>
<td>18</td>
<td>Minimum 55% marks in bachelor degree in Electronics &amp; Communication Engineering from a UGC recognised University or equivalent.</td>
<td>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.</td>
</tr>
<tr>
<td>4.</td>
<td>M. Tech. - Electrical Engineering with specialisation in Power System / Electrical Drives and Power Electronics</td>
<td>2 yrs.</td>
<td>100000</td>
<td>18</td>
<td>Minimum 55% marks in bachelor degree in Electrical Engineering from a UGC recognised University or equivalent.</td>
<td>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.</td>
</tr>
<tr>
<td>5.</td>
<td>M. Tech. - Mechanical Engineering with specialisation in CAD / CAM</td>
<td>2 yrs.</td>
<td>100000</td>
<td>18</td>
<td>Minimum 55% marks in bachelor degree in Mechanical Engineering or Production / Manufacturing Engineering / Technology from a UGC recognised University or equivalent.</td>
<td>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.</td>
</tr>
<tr>
<td>6.</td>
<td>Master of Computer Applications</td>
<td>3 yrs.</td>
<td>80000</td>
<td>30</td>
<td>Minimum 50% marks in Bachelor Degree from a UGC recognised University with Mathematics either at Bachelor level or 10+2 level.</td>
<td>Merit in qualifying exam</td>
</tr>
<tr>
<td>7.</td>
<td>Master of Computer Applications-Lateral Entry to second year</td>
<td>2 yrs.</td>
<td>80000</td>
<td>120</td>
<td>Minimum 50% marks in Bachelor Degree in Computer Applications or B. Sc. - Computer Science / Information Technology from a UGC recognised University.</td>
<td>Merit in qualifying exam</td>
</tr>
</tbody>
</table>

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

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 Skills I; 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.


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.

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 innovative 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 Program’ 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
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.

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 Skills 1. 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.


M.Tech (Software Engineering)

Course Structure

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


3rd Semester: Network flow & Traffic engineering, Network Management, Optical network, Electrivity Mobile computing, Secure Communication and VPI, Information Theory & coding, Distributed and Cloud computing, Grid computing, Electrivity Natural Language Processing, Biometric Security, Web engineering, Dissertation

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, Capgemini, 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 Jambheshwar University of Science & Technology, Hisar
M. Tech. Punjabi University, Patiala
MCA, Guru Jambheshwar University of Science & Technology, Hisar

Experience: 15 Yrs
Publication: International/National Journals (52)
Achievement: Microsoft Certified faculty MTA, MCP, MCT, Professional Members, ACM USA, MACSIT Singapore, I\M\ENG.

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 indepth, 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 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/ IITs 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, IAEEN USA, MACSIT 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/ 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 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


Lab.


BCA (3 year)

Course Structure


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, Ginnar Software, Pratham Software, etc. through various placement drives.

Department of Electronics & Communication Engineering

Dr. Dinesh Sethi
Designation: Associate Professor & Head of Department
Department of Electronics and Communication Engineering
Qualification: Ph.D (EC), M.Tech (EC), B.E (EC)
Experience: 18 yrs

Research Area: Microstrip UWB Antennas

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 domains-specific research, providing leadership throughout the year. ECE faculty continues to excel in conducting research at the forefront of Electronics and Communication. Their achievements and accomplishments have been widely acknowledged. The focus of our faculty on research continues to be 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, Zaurus). Many students have participated in various extra-curricular activities inside and outside the university. ECE students have done their summer training in various reputed organizations like NPL, DRDO, BSNL, CEERI, etc.

8. Tech Electronics & Communication Engineering

Course Structure


8. Tech – Electronic & Communication Engineering

Course Structure


4th Semester: Dissertation Part-II

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

Course Structure


4th Semester: Dissertation Part-II

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

Course Structure

1st Semester: Digital VLSI Circuit Design, Computer Aided


3rd Semester: Four subjects from one group to be chosen.


4th Semester: Dissertation Part – II.

Placement Opportunities
ECE students can get placements in Army, Railways, Telecommunication, Airport, Mobile companies like Ericsson, Airtel, Aircel, Vodafone etc., Public sector giants like DRDO, ISRO, BARC, 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, Hindustan, Nissan, Mahindra, Tata etc., Refrigeration, Air conditioners, embedded system, robotics etc.

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

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(I) India, ISTE, ISLE etc. The department also conducts various Seminars/Workshops/Conferences from time to time to provide common platform for collaborative learning among students across the country. Numbers of student clubs like zarat, 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 Skills I. 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.

2nd Semester: Field Theory and Circuits, Electrical Machines I, Measurements and Instruments, Network Analysis and Synthesis, Multivariable 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 Programming and Simulation Laboratory, Power Systems Laboratory I, Microprocessors and Microcontrollers Laboratory, Seminar, Professional Skills

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, Suzlon, Tata Power, JP Hydro, etc.), Govt. (IRVN!, RVPN!, PVUN!, MPSEB, UPSEB, etc.) and public sector (BSSL, MTNL, GAIL, NITC, 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

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 Phd 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 Skills I. 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.

2nd Semester: Field Theory and Circuits, Electrical Machines I, Measurements and Instruments, Network Analysis and Synthesis, Multivariable 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 Programming and Simulation Laboratory, Power Systems Laboratory I, Microprocessors and Microcontrollers Laboratory, Seminar, Professional Skills


6th Semester: Industrial Project and Dissertation

Department of Mechanical Engineering

Placement Opportunities

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


Courses Offered

B.Tech Mechanical Engineering

Department of 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.

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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 Phd 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 Skills I. 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.

2nd Semester: Field Theory and Circuits, Electrical Machines I, Measurements and Instruments, Network Analysis and Synthesis, Multivariable 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 Programming and Simulation Laboratory, Power Systems Laboratory I, Microprocessors and Microcontrollers Laboratory, Seminar, Professional Skills
The direction in which education starts a man, will determine his future in life.

- Plato

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


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


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.
Case study approach, role plays, group discussions, summer school of management, JECRC University imparts knowledge professionals. Self-confidence and transforming them into smart, competent ethical principles. It serves as a potent tool for enhancing their skills, communication skills, and entrepreneurial spirit with emphasis on developing inter-personal communication, going beyond academic excellence, our holistic training industry.

Through selection of faculty with excellent academic record and this through a multi pronged approach of revamping the imaginatively gifted leaders in the field of business. We realize so that they can emerged as intellectually capable and smart personalities.

Message of Director & Dean, SOM

SOM mission is to develop human potential to its fullest extent and business skills we focus on ethical and value based education. Our school is committed to creating an ambience for nurture, innovation, creativity and excellence in students. Apart from business skills we focus on ethical and value based education.

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 imparts 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 enable them appear for any competitive examinations.

• 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 curriculum 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 plan 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 inculcating 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**

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

**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, Faculty Director, Fortis; Dr. Pramala Sanjaya, Honorary Advisor, SIDART ; Mr. Promod Kumar Vijayverjiya, Deputy G.M., SIDIB ; 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 grabbing 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. Rakesh Sidana, Founder, CEO, MenCar.com; Prof. Satish C Sharma, CMD, Maharaaja Group of Institutions; Dr. Mukta Avora, ED, WSHG cum-Additional Director SHG- Department of women and child development; Mr. Praveen Bhan, Director of Operations, Salucro Software Development; Mr. Puneet Mittal, Founder, CEO Pratham Software and Mr. R. Girdhari, GM, RBI Jaipur. Bikramjeet Singh, BPM, Vakhe 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 Marriott 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 Menghani 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


Summer Training: Six weeks


Semester IV: Environmental Studies, Dissertation

Specialization Electives


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

BBA

Course Structure


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 II.

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

B Course Structure


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


Placement Opportunities

The emphasis 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 travelers. 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, maintenance workers, food and beverage attendants), sales and marketing, human resource, accounting, and finance.

There are some specific jobs in the public sectors such as 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...
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Department of Journalism and Mass Communication

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

Dr. Neeraj Khatri 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. Khatri completed his PhD on Impact of Mass Media on HIV/AIDS awareness in Delhi slums from Department of Journalism and Mass Communication, Himchal 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 Khatri 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. Khatri has been an active member of four International Media organizations like IAMCR, IYM, AYM, PRSI and ACMMS. 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
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
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 a shape. No one voice is more or less 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 BAJMC. 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, Artist, Writer, 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 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 Ma...
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, Pranajay Guha Thakurta, Jagdish Kalil, 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
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.

Director’s Message

JECRC is one of the fastest upcoming universities in the State of Rajasthan with a view to expand access to quality education for the young bright minds of India. We are committed to play a key role in creating an environment 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

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Programme</th>
<th>Course</th>
<th>Duration</th>
<th>Annual Academic Fee</th>
<th>Intake</th>
<th>Minimum Eligibility Criteria</th>
<th>Criteria for Preparation of Merit List</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>B. Sc. - Hons. - Biotechnology</td>
<td></td>
<td>3 years</td>
<td>60000</td>
<td>30</td>
<td>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.</td>
<td>Merit on the basis of qualifying examination.</td>
</tr>
<tr>
<td>2.</td>
<td>B. Sc. - Hons. - Microbiology</td>
<td></td>
<td>3 years</td>
<td>60000</td>
<td>30</td>
<td>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.</td>
<td>Merit on the basis of qualifying examination.</td>
</tr>
<tr>
<td>3.</td>
<td>B.Sc. Agriculture (Hons.)</td>
<td></td>
<td>4 years</td>
<td>60000</td>
<td>60</td>
<td>Pass in Senior Secondary Qualifying 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.</td>
<td>Merit on the basis of qualifying examination.</td>
</tr>
<tr>
<td>4.</td>
<td>B. Sc. Hons. - One Major out of Physics, Chemistry, Mathematics and two Minors out of Physics, Chemistry, Mathematics, Statistics, Botany, Zoology</td>
<td></td>
<td>3 years</td>
<td>60000</td>
<td>60</td>
<td>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.</td>
<td>Merit on the basis of qualifying examination.</td>
</tr>
<tr>
<td>5.</td>
<td>M. Sc. - Biotechnology</td>
<td></td>
<td>2 years</td>
<td>75000</td>
<td>20</td>
<td>Minimum 50% Marks in Bachelor of Science of three years duration with pass in Biotechnology/Botany/Zoology and English from a UGC recognised University or equivalent.</td>
<td>Merit on the basis of qualifying examination.</td>
</tr>
<tr>
<td>6.</td>
<td>M. Sc. - Chemistry</td>
<td></td>
<td>2 years</td>
<td>60000</td>
<td>20</td>
<td>Minimum 50% Marks in Bachelor of Science of three years duration with pass in Chemistry and English from a UGC recognised University or equivalent.</td>
<td>Merit on the basis of qualifying examination.</td>
</tr>
<tr>
<td>7.</td>
<td>M. Sc. - Physics</td>
<td></td>
<td>2 years</td>
<td>60000</td>
<td>20</td>
<td>Minimum 50% Marks in Bachelor of Science of three years duration with pass in Physics and English from a UGC recognised University or equivalent.</td>
<td>Merit on the basis of qualifying examination.</td>
</tr>
<tr>
<td>8.</td>
<td>M. Sc. - Mathematics</td>
<td></td>
<td>2 years</td>
<td>60000</td>
<td>20</td>
<td>Minimum 50% Marks in Bachelor of Science of three years duration with pass in Mathematics and English from a UGC recognised University or equivalent.</td>
<td>Merit on the basis of qualifying examination.</td>
</tr>
<tr>
<td>9.</td>
<td>M. Sc. - Microbiology</td>
<td></td>
<td>2 years</td>
<td>75000</td>
<td>20</td>
<td>Minimum 50% Marks in Bachelor of Science of three years duration with pass in Botany/Zoology/Microbiology/Biotechnology and English from a UGC recognised University or equivalent.</td>
<td>Merit on the basis of qualifying examination.</td>
</tr>
</tbody>
</table>

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 (Bhar University)
Experience: 13 Years

Areas of Interest: Microbial Ecology, Environmental Biotechnology

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 Biotechnologists.

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 has excellent Lab facilities equipped with latest instruments. The Department has designed a comprehensive 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 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 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 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 specialty subjects of Botany. TheDepartment 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.

**Courses Offered**

**B.Sc Biotechnology (3 years)**

**Course Structure**

**Semester I-** Cell biology, Biological macromolecule, Microbiology, Cytogenetics 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, Bioprocess 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

**Ongoing Project**

Department has got project entitled 'Rural Women Technology Park in Vidihani 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 personal that will become a part of R&D base in recognized biotechnology businesses, as well as attract and train innovative people.

**Botany Department**

**Dr. Sonali Pandey**
Associate Professor & HOD
Ph.D (F.B.S), M.Sc
Experience: 17 Years

Areas of Interest: Phytoremediation, Biondicators, Biotoxins & Biocides

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 specialty subjects of Botany. The Department 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.

**Areas of Interest:**

- Phytoremediation
- Biondicators
- Biotoxins & Biocides

**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 Spermatozophytes and Paleobotany

**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 disciplines 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
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 fellow 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 specialist in the field of Green Chemistry and a prolific internationally acclaimed author and editor. As an academician of international repute, 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 Department has high efficient teams of 04 Professors, 01 Associate Professor 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 UVVIS Spectrophotometer, pH Meter, Polarograph, Digital Conductivity Meter, Electronic Balance, Microscope, Double Distillation Plant, Bomb Calorimeter, 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 undergoes. 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 compulsory 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. Chemistry related high paying jobs are available today in various fields 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 (ISI) 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.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
- Physical Chemistry
- Pharmaceutical Chemistry

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

The Department offers a vibrant atmosphere to students and 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.D.s 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 at fields of medicine, agriculture, environmental and electronics by providing abilities that would never have previously dreamed 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 and collaborate with the faculty members of the industrial organizations. 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 opens ample opportunities for research projects in distinguished National/International groups or organizations.

The high standard of education ensures excellent job prospects in teaching, research and in the industry.

Department of Mathematics & Statistics

Mathematics Department

Mathematics, hailed as the “Queen of Sciences” by Carl Friedrich Gauss, dedicated 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 the 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 for well-paying teaching positions are available in plenty, in private universities. For those who wish to pursue a teaching career, Mathematics. For those inclined towards a research career,

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 entrepreneurial 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 provide 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: Physicoc hemical 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: Physiology, Virology, Molecular biology, Physiology 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, Bioinformatics and Microbial Physiology Lab

Department of Microbiology Lab Basics of Bioinformatics Lab Industrial Visit
6th Semester: Project Training

M.Sc. (Microbiology) (2 Year Course)
Course Structure
1st Semester – Advanced Bacteriology, Biochemistry & Enzymology, Virology, Mycology and Phylogeny, 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

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 Keratinophilic 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

Department of Physics

The faculty in the Department of Physics at 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 on that. Members of the Department have completed various research projects and a few more research projects are in the pipeline.

Department of Physics offers various courses at an undergraduate as well as postgraduate 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 understanding the elements 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 technologies. 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 “Emerging 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:

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

Semester III:

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 Condensed Matter Physics-I; 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:

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:

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 & HOD  
Ph.D, M.Sc  
Experience: 16 Years  
A re a s  o f  I n t e r e s t: Reproductive toxicology, Bioremediation, Biopesticides, Food/Microbiology

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
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 farming 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 Agrometeorology & 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-
- 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-
- Postharvest 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 *


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/landscaping 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.
Fee for Integrated Law:
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.

**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 sensitive lawyers to serve the society at par with other National Law Schools in India.

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) Debit 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) 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**

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

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<th>LL.B (Three years)</th>
<th>First Semester</th>
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**LL.B. (Three Year)**

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**Second Semester**

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<th>First Semester</th>
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<tbody>
<tr>
<td>Consumer S.M.V. Act, Contract - I, Constitutional Law - II, Family Law - II, Administrative Law</td>
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**Third Semester**

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**Fourth Semester**

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**Fifth Semester**

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<tbody>
<tr>
<td>Civil Procedure Code (CPC) - I, Code of Criminal Procedure (CrPC) – I, Professional Ethics, Pleading &amp; Conveyancing, Evidence</td>
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**Sixth Semester**

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<th>First Semester</th>
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<tbody>
<tr>
<td>Civil Procedure Code (CPC) – II, Code of Criminal Procedure (CrPC) – II, Public Interest Litigation (PIL), Environmental Law, Land Law</td>
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**B.A. LL.B. (Hons.)**

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**Second Semester**

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**Fourth Semester**

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

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<th>First Semester</th>
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<tbody>
<tr>
<td>English – I, Computer Science – I, Economics – I, Business Management</td>
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**Second Semester**

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**Third Semester**

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<tr>
<td>English – III, Constitutional Law – I, Economics – I, Foreign Language – I (French), Banking Law</td>
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**Fourth Semester**

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<tr>
<td>English – IV, Constitutional Law – II, Economics – II, Foreign Language – II (French), Public Interest Lawyering</td>
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**BBA. LL.B. (Hons.)**

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**Second Semester**

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**Third Semester**

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**Fourth Semester**

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<tr>
<td>English – IV, Constitutional Law – II, Cost Accounting, Contract – II, Foreign Language – II (French), Public Interest Lawyering</td>
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**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 B.B.A. LL.B. (Hons.).

**Fifth Semester**

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**Sixth Semester**

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**Seventh Semester**

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**Eighth Semester**

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**Ninth Semester**

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<tr>
<td>C.P.C – I, Competition Law, M.A.A Private International Law, Drafting, Pleading and Conveyancing, C.P.C – I, Insurance Law</td>
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**Tenth Semester**

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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 cells:
- Moot Court Cell
- Law Review Cell
- Seminar Cell
- Debate and Quiz Cell

Up to 10 semester students will have to join internship compulsorily at the following Platform:

- District and Session Court
- High Court
- Human Rights 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
Homo Sapiens since inception have showcased their creativity in 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 paintings 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.

Modern desktop computers and laptops are capable of high rendering and are used as a Board of Study Member and Examiner for Jewellery Design in various other colleges.

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-Jewellery, Workshop.

**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/3desig, Jewellery Manufacturing-IV, Project management and entrepreneurship, Brand development - colour 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:

- Entrepreneur
- 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

**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, Production and printing 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

Note: Relaxation of 5% marks in minimum eligibility criteria shall be given to the candidates who belong to ST/SC/Rajasthan state OBC Non-Creamy layer/women category.
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 the University on or before the last date of submission, given in the Admission Calendar, to the below mentioned address:
   Director Admission,
   JECRC University, Plot No. IS-2036 to 2039, Ramchandrapura, Sitapur Industrial Area Ext., Vidhan Sabha, 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' on the JECRC UNIVERSITY Website Home Page. Keep a Digitalized 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 or Small letters. Use Sentence case. Mandatory fields marked with Red Markers, 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 Results 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 relevant entrance examination.
   - 4 passport size photographs in formal dress.
   - SC/ST/Rajasthani 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 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 or 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 50.50 above and 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/Rajasthani state OBC Categories, although there is no reservation of any kind except for HBCs 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 Instalment: At the time of Admission
   Second Instalment: On or before 15th November 2017
   Schedule of payment of fees in subsequent years:
   First Instalment: On or before 30th April of the calendar year.
   Second Instalment: 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 charge along with the fees and fine of 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. 5000/- 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 fee deposited shall be as given Appendix I.
   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 pay fee again at Rs. 7500 per subject and Rs. 500 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 I.

These rules are only for first year students, no refund in case student leaves after 1st 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 scales:

- 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 notification of the Scholarship shall be conducted at the end of every semester every year.
- 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 lose the Scholarship.
- In addition, suitable fee waiver 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 the following documents either during the orientation program or within 3 days from the date of admission whichever is later.

- Undertaking by candidate and his/ her parents for “Anti-Ragging”, the format for which shall be available at JECRC University website.
- Any other document required/ notified later.
- Copy of Adhaar Card.

10. Instructions for Curbing Ragging

- As per orders of the Hon’ble Supreme Court, Ragging is a Grievious 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 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/Sequads 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 the freshers or junior student(s) or asking the student(s) to do any act or perform something which such student(s) will not do in the ordinary course and which has the effect of causing or generating a sense of shame or embarrassment so as to adversely affect the physique or psyche of a freshers 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-aggressive affidavit at the time of first admission and there after each year at the time of annual registration. This 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. Until 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? A. It is a simple procedure comprising 3 steps:
  - Step 1: Log on to www.ANTIRAGGING.in or www.AMMANIVEMENT.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 acknowledgments, 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 Anti-Ragging Helpline No. 1800-180-5522


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 institutions 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 for the subject in a 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 student 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 tranquility 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/ Hostlers 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 defaulter(s) 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 canceled 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.
- 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 last 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 at 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 Ph.D programmes would strictly be done on the basis of regulations contained in the Ph.D Ordinance of the University available on its website. An applicant possessing any of the following qualification shall be eligible to apply for 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.
- 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 section. All eligible candidates also have to appear in a written test (of 70 marks) to be organized by JECRC University, as per guidelines of the UGC, followed by an interview / presentation carrying a weightage of 30 marks.
- Those applicants who are short listed and are found to be suitable shall appear before the 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 Ph.D ordinance.
- The recommendations of the RPEC regarding the research plan of the candidate and proposed supervisor(s) 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 the 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 Ph.D programmes, the Ph.D Ordinance of the JECRC University may be referred to which is available on its website.

Fee Structure and Refund Policy of Ph.D. Program

<table>
<thead>
<tr>
<th>Course Work Fee</th>
<th>Registration Fee</th>
<th>Tuition Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rs. 20,000</td>
<td>Rs. 5,000</td>
<td>Rs. 60,000 Per Annum</td>
</tr>
</tbody>
</table>

Note: Minimum Duration for Ph.D is three Years (As per UGC Norms). No Fee refund is entertained in Ph.D Programme.
Appendix - 1

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

(a) Academic Fees

<table>
<thead>
<tr>
<th>Description</th>
<th>Tentative</th>
<th>Deduction to be made for Withdrawal of Admission</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Date of Start of Classes</td>
<td>within one month from the start of classes</td>
</tr>
<tr>
<td>B. Tech. Programmes</td>
<td>17.07.2017</td>
<td>One month’s fee i.e. Rs. 12500+Rs. 5000 Admission fee</td>
</tr>
<tr>
<td>All UG Programmes – except B. Tech.</td>
<td>17.07.2017</td>
<td>One month’s fee + Rs. 5000 admission fee</td>
</tr>
<tr>
<td>All PG Programmes</td>
<td>01.08.2017</td>
<td>One month’s fee + Rs. 5000 admission fee</td>
</tr>
</tbody>
</table>

(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.

<table>
<thead>
<tr>
<th>Description</th>
<th>Date of Start of Classes</th>
<th>Deduction to be made for Withdrawal of Admission</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>within one month from the start of classes</td>
<td>within two months from the start of classes</td>
</tr>
<tr>
<td>B. Tech. Programmes</td>
<td>17.07.2017</td>
<td>One month’s fee i.e. Rs. 2000</td>
</tr>
<tr>
<td>All UG Programmes – except B. Tech.</td>
<td>17.07.2017</td>
<td>One month’s fee i.e. Rs. 2000</td>
</tr>
<tr>
<td>All PG Programmes</td>
<td>01.08.2017</td>
<td>One month’s fee i.e. Rs. 2000</td>
</tr>
</tbody>
</table>
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.

<table>
<thead>
<tr>
<th>Description</th>
<th>Date of Start of Classes</th>
<th>Deduction to be made for Withdrawal from Hostel</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>within one month from the start of classes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>within two months from the start of classes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>after two months/up to 30.09.2017 from the start of classes to final cut off date</td>
</tr>
<tr>
<td></td>
<td></td>
<td>after 30.09.2017</td>
</tr>
<tr>
<td></td>
<td></td>
<td>after the start of even semester classes</td>
</tr>
<tr>
<td>B. Tech. Programmes</td>
<td>17.07.2017</td>
<td>Room Rent for one month and food charges on pro-rata basis</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Room Rent for two months and food charges on pro-rata basis</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Room Rent for three months and food charges on pro-rata basis</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Total room rent paid and food charges on pro-rata basis</td>
</tr>
<tr>
<td>All UG Programmes – except B. Tech.</td>
<td>17.07.2017</td>
<td>Room Rent for one month and food charges on pro-rata basis</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Room Rent for two months and food charges on pro-rata basis</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Room Rent for three months and food charges on pro-rata basis</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Total room rent paid and food charges on pro-rata basis</td>
</tr>
<tr>
<td>All PG Programmes</td>
<td>01.08.2017</td>
<td>Room Rent for one month and food charges on pro-rata basis</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Room Rent for two months and food charges on pro-rata basis</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Room Rent for three months and food charges on pro-rata basis</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Total room rent paid and food charges on pro-rata basis</td>
</tr>
</tbody>
</table>

Note: All UG Programmes – except B. Tech., and All PG Programmes. Hostel fee shall be charged for availing the hostel facility in odd/even semesters as under:

- **Academic Year 2017-18**
  - **Hostel fee**
    - Rs. 125000 per annum (AC Hostel)
    - Rs. 90000 per annum (Non AC Hostel)

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.

Schedule of Payment of Hostel Fee:

<table>
<thead>
<tr>
<th>Academic Year</th>
<th>1st Installment (AC Hostel)</th>
<th>1st Installment (Non AC Hostel)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Year 2017-18</td>
<td>Rs. 75000 at the time of admission</td>
<td>Rs. 54000 at the time of admission</td>
</tr>
</tbody>
</table>

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)

Fee Payable for Hostel during summer semester

- 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.
<table>
<thead>
<tr>
<th>Courses</th>
<th>Tuition Fee</th>
<th>Other Fees</th>
<th>First Year Fee</th>
<th>Second Year Fee</th>
<th>Third Year Fee</th>
<th>Fourth Year Fee</th>
<th>Total Academic Fee</th>
<th>Alumni Fee and Admission Fee (One Time, Non Refundable)</th>
<th>Payable Academic Fee at the Time of Admission</th>
<th>I/II/III/IV/V/VI/VII/VIII/IX/X Installments Payable</th>
<th>Total Installments</th>
<th>Year of Course</th>
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