Dear Student,

JECRC Foundation believes in the power of youth. Being a country having a population with the lowest average age in the World, India holds the key to the prosperity of the World if it can empower its youth with good education. We cannot shirk 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 entrench yourself in this unique blessing that our culture endows us.

I invite you to JECRC University to fulfill your dreams.

O.P Agrawal,
Chairperson, JECRC University, Jaipur.
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 for your daughter or son if you are a parent. It is a decision which is going to lay down the foundation for a sound career for the young aspirants, who have dreams in their eyes to succeed in life. The right decision can take the youngsters to heights and a wrong decision at this stage may lead to anxiety, stress and even trauma.

The only success mantra for the youth to succeed in life is the right attitude and full commitment supported by a vibrant institution which brings out the best of their hidden and nascent talent. JECRC University (JU) is fully equipped to support its students for treading a path which will lead them 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 of varying tastes, sports facilities and clubs / societies to ensure appropriate learning beyond class rooms. The faculty members at JU come from the top notch institution and industries in India including IITs / NITs and reputed Central / State Universities and even from reputed foreign Universities. They love to teach and facilitate for meaningful learning leading to all-round development of personality of the students. Internationally reputed Knowledge Partners of JU namely KPMG, Microsoft, TCS, Infosys, WIPRO, T.I.M.E., Ichieve, CADD Centre, University of Alabama (USA), Tennessee Technological University (USA) etc. support the best possible academic delivery in class rooms and labs.

JU curriculum for various courses apart from a strong emphasis on the 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 of international standards and the Universities provides opportunities for high and international exposure in foreign Universities and industries at a reasonable / nominal costs for selected students. A careful reading of this Admission Brochure shall give you an insight about JU and your joining an appropriate programme of your choice will put you on the journey leading to sure success with your commitment.

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

Prof. Victor Gambhir,
President, JECRC University, Jaipur.

The vision, mission and goal of JECRC University is to transform an individual into a complete human being by providing value based education and learning. Our focus is on nurturing your intellectual power and the all round development of your personality. Academic programmes offered are designed to facilitate the student to channelize their curiosity and project their best talent manifested in academic and co-curricular performance.

The University has vast avenues and immense opportunities with lush green campus, pollution free environment, state of the art infrastructure, highly qualified, dedicated and caring faculty members and the invaluable wisdom and guidance of management are the vital ingredient in the making of a par excellence career.

Several professional development programmes are regularly organized to expand the knowledge base of learners. Students are also engaged in research work along with faculty members in their area of expertise, which greatly helps the students in constriction of knowledge by connecting new ideas. A series of conference, work shop, sports meets are organized for holistic development and capacity building.

I invite you to be part of this vibrant university, to realize your cherished dreams and contribute to socio-economic transformation for gearing national growth and development.

My best wishes to all the aspirants in pursuit of excellence.

Registrar Speaks

Prof. D.P Mishra
Registrar, JECRC University, Jaipur.

Pro-President Speaks

Prof. J.K. Sharma,
Dean Engineering, JECRC University, Jaipur.
About JECRC Foundation
Introduction

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

JECRC Foundation is an informal body consisting of JECRC Group Educational Institutional and Industry, which is recognised as one of the leading and most preferred higher education groups in North India. The Foundation started its journey about 17 years ago with the setting up of Jaipur Engineering College & Research Centre at Jaipur in 2000. 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 Foundation works in close collaboration with the industry and other stake holders. A case in point is the fact that JECRC is the first institution in the country to become the Microsoft Innovation Alliance (MIA) partner. MIA is being run in 128 countries across the world to nurture innovation at the grassroots level.

The institutions of the JECRC Foundation have a very strong research orientation and culture. The Foundation has a research portfolio of over INR 20 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 million square feet of constructed area. Currently about 9000 students are enrolled of which over 1500 reside on the campuses.

---

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
Jaipur Engineering College and Research Centre, Jaipur (JECRC)

Set up in 2000, JECRC has a state-of-art Campus set up in serene environment, well-qualified and experienced faculty, excellent management and infrastructure, to ensure 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 affiliated to the Rajasthan Technical University, Kota. JECRC has a very strong track record of Campus Placements and Its Alumni have proved their credentials not only in India but abroad as well. Further details can be seen at their websites www.jecrcfoundation.com

JECRC UDML College of Engineering Jaipur

The JECRC UDML, College of Engineering Jaipur established in 2007, is well off its mark towards 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 with annual intake of 540 under various specialisations, goes beyond the prescribed curriculum, and encourages the students to cross the conventional barriers of knowledge and skill acquisition. Situated amidst picturesque surroundings overlooking the Aravali ranges, the ideal location of the college provides for a serene and tranquil environment aiding in the process of imparting education. 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.com

Therachem Research Medilab (India) Pvt. Ltd. Jaipur

Therachem Research Medilab (India) Pvt. Ltd. at Jaipur is the Industrial entity which is a full service contract based organization that offers quality solutions to support drug discovery & development and large-scale synthesis. The highly motivated proficient experts and the experienced workforce of Therachem Research Medilab are the most valuable asset. They are carefully selected professionals with practical hands-on experience in synthetic organic chemistry, analytical chemistry or medicinal chemistry. They are enthusiastically aspiried to deliver high-value chemical synthesis and medicinal chemistry research solutions to our clients. The site managers and group leaders are experienced scientists with demonstrated leadership qualities and abilities. They supervise the synthesis teams and carry out the daily management of projects and documentations. 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 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.

Therachem professionals’ expertise and the state-of-the-art facilities allow it to carry out a wide variety of reactions including but not limited to:
- Catalyzed coupling reactions (Buchwald, Heck and Suzuki)
- Bromination
- Iodination
- Oxidations
- Reductions (chemical, catalytic)
- Hydrolysis reactions at -40° to -50°C (Nitrile)
- Cryogenic reactions
- Chemical resolutions
- Grignard reactions
- Mitsunobu reactions
- Lithiation (BuLi, LDA)
- Epoxidations (peracetic acid, hydrogen peroxide)

JECRC Foundation

JECRC Foundation has set an exemplary record in engineering placements with its students being chosen by industry leaders, year after year. 300+ renowned companies have made more than 7500 offers to students in last 10 years. This year has been exceptional for JECRC umbrella in terms of placements. More than 1012 offers have been rolled by reputed organizations like TCS, Accenture, Ericsson, Siemens, Tata Technologies Limited, Wipro Technologies etc. The Foundation has set an exemplary placement record with its students being chosen by industry leaders, year after year. It has been hosting ‘Stand-alone Recruitment Drives’, where leading business houses participate to test the mettle of the students. Owing to its consistent performance in recent years JECRC Foundation receives top-notch companies every year for recruiting its students. Following are some of our recruitment partners:
- Tata Consultancy Services
- Nokia-Siemens Networks
- Asia Motor Works
- Taj Group
- Tata Technologies
- Essar Steel
- A2Z Group of Companies
- Littam Galva (Steel)
- Syrva Rashni Ltd.
- Patni Computers
- STG International Inc.
- LG Electronics
- L&T India
- Infosys Technologies
- Benchmark Broadcasting
- System
- Reliance Industries Ltd.
- Tech Mahindra
- Goodricke Precise Steel
- Design
- Steel Design
- Accenture Service Pvt. Ltd.
- Sona Koyo Steering
- Bascan Drugs & Pharmaceuticals
- Zensar Technologies
- Caparo Corporation
- Awiya Life Insurance
- Persistent Systems
- Capital IQ
- Bajaj Capital
- Syntel Inc.
- Godfrey & Boyce
- Sriam Fertilizers & Chemicals
- Huawei Telecom
- Asian Paints
- Birla Cement
- Shriram General Insurance
- Danik Bhaskar
- Wipro Technologies
- Basant Wires Industries
- NBC (Aditya Birla Group Company)
- HDFC Bank
- Dabur
- ICICI Prudential
- ITC Ltd.
- Adani Group
- Tecnimont ICB Ltd.
- Kamdhenu Steels
- Coulera Technologies
- Cipla
- J K Cement
- Amol Pharmaceuticals
- Pfizer
- Sahara India
- Ahicon Parenterals
- Finerv India Ltd.
- Indiabulls
- Max New York Life
- Religare
- Genius Overseas
- Reliance Money
- Reliance Insurance
- Videocon
- Mahindra & Mahindra
- Finerv India Ltd.
- ITC Ltd.
- Adani Group
- Tecnimont ICB Ltd.
JEERC University Placements

Hiring companies and Number of Placed Students for 2016 batch

<table>
<thead>
<tr>
<th>Name of Company</th>
<th>Package LPA*</th>
<th>Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tata Technologies</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Ericsson</td>
<td>2.4</td>
<td>11</td>
</tr>
<tr>
<td>Rebuscode</td>
<td>3.25</td>
<td>2</td>
</tr>
<tr>
<td>TCS</td>
<td>3.3</td>
<td>51</td>
</tr>
<tr>
<td>Accenture</td>
<td>3.5</td>
<td>108</td>
</tr>
<tr>
<td>The Phone Support</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>Configware</td>
<td>3.5</td>
<td>1</td>
</tr>
<tr>
<td>Lafarge</td>
<td>2.5</td>
<td>3</td>
</tr>
<tr>
<td>Wipro</td>
<td>2</td>
<td>7</td>
</tr>
<tr>
<td>Siemens</td>
<td>3.5</td>
<td>13</td>
</tr>
<tr>
<td>Adani</td>
<td>4.1</td>
<td>1</td>
</tr>
<tr>
<td>FACE</td>
<td>2.64</td>
<td>1</td>
</tr>
<tr>
<td>IDEA</td>
<td>3.5</td>
<td>1</td>
</tr>
<tr>
<td>Accenture (BCA)</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Espire Info</td>
<td>2.5</td>
<td>1</td>
</tr>
<tr>
<td>Intellipat</td>
<td>3</td>
<td>5</td>
</tr>
<tr>
<td>Just Dial</td>
<td>3.5</td>
<td>2</td>
</tr>
<tr>
<td>Vaishika Group</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>Teleperformance</td>
<td>2.5</td>
<td>1</td>
</tr>
<tr>
<td>Aadarsh Group</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>Ashish Group</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>Bajaj Capital</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>ICICI Direct</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>Indiabulls</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>TCS (BCA, B.Sc)</td>
<td>2</td>
<td>8</td>
</tr>
<tr>
<td>Amazon</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>Average</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

* LPA = Lakh Per Annum

Internship Program performance – 2016 Batch

- 95% students placed for internships
- One third students have got paid internships with stipend ranging from INR 4000 to INR 20000 per month

Objective behind the internship is to provide industry exposure to students to make them more employable. Internship in the final semester in every program provides 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 department provides Internship Support to the students in their final semester. This support is provided in the following ways:

- Training and Placement department has a systematic contact program with the corporate where the companies are invited to interview JU students for internships, on and off campus.
- Training and Placement department helps students find internships of their interest on the internet.
- Training and placement department provided 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 an joint evaluation, at the end of the internship, conducted by Faculty internship guide, industry guide and an external examiner.

Top Internships – 2016 batch

<table>
<thead>
<tr>
<th>Top Internships - 2016 batch</th>
<th>IATC Siemens</th>
<th>Ericsson, Jaipur</th>
<th>Suzlon Energy</th>
</tr>
</thead>
<tbody>
<tr>
<td>TCS</td>
<td>Samsung, Delhi</td>
<td>Reliance Comm</td>
<td></td>
</tr>
<tr>
<td>NIIT</td>
<td>Airtel</td>
<td>Eicher</td>
<td></td>
</tr>
<tr>
<td>Ultratech Ltd</td>
<td>Lafarge</td>
<td>JK tyres</td>
<td></td>
</tr>
<tr>
<td>Amazon Tech</td>
<td>JK Cement</td>
<td>Honda</td>
<td></td>
</tr>
<tr>
<td>HCL Technologies</td>
<td>Wipro</td>
<td>HMT</td>
<td></td>
</tr>
<tr>
<td>Emblogic</td>
<td>Appoincotechnologies Pvt.Ltd</td>
<td>Ambuja Cement</td>
<td></td>
</tr>
<tr>
<td>TATA Teleservices</td>
<td>Ford</td>
<td>Maruti</td>
<td></td>
</tr>
<tr>
<td>Mahindra</td>
<td>Piaggio</td>
<td>Essar Steel</td>
<td></td>
</tr>
<tr>
<td>KEL</td>
<td>Volvo</td>
<td>NBC</td>
<td></td>
</tr>
</tbody>
</table>

Our Recruiters for Final Placements

Our Recruiters for Internships

JEERC University’s Placement and Training department 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 etc.)
- 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, Covering letter, Preparation for Personal Interview etc.)
- Gain the first employment
- Ensure self development throughout professional career
- Grow in an organization
- Gain subsequent employments

To achieve this objective Training and Placement department provides coaching on not only 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 corporate across the world. JEERC University has a tie up T.I.M.E. (Triumphant Institute of Management Education) to groom its students on Quantitative aptitude and reasoning for Placements, CAT and Bank PO examination as a part of the curriculum for various Academic Programs.

The Training and Placement department is working constantly to provide a variety of opportunities to suit the different needs of students. Placement department not only provides career opportunities to students but also brings to the students opportunities for internship, exchange programs and campus ambassadorship. JEERC University takes pride in produces maximum number of MSP’s (38) in India. Professionals with rich corporate and academic experience manage Training and Placement department at JEERC University. Training team looks after the skill enhancement requirements of JEERC University.

JEERC University Training and Placement department aims at building a strong interface between industry and the university for training and placement of students.

The Training and Placement department initiatives include continuous interaction between industries and corporate to understand their requirements of knowledge and skill sets and train human resources accordingly.

The Training and Placement department engages with the industry practitioners by inviting them for guest lectures, industrial visits, on the job training, seminars and arranging for students projects and internships. The department provides career counseling and guidance to its students. Special focus is laid for encouraging the students for entrepreneurship...
Training and Placement Center Team
Training and Placement department operates through a team of professionals who have rich corporate experience apart from having good training skills. Trainers working with Training and placement department come from renowned organizations like Microsoft, Dell, T.I.M.E etc. This helps the students to understand skills from two perspectives – theoretical and practical application in the corporate world.

Training and Placement Center Accountabilities
Training and Placement Department at JECRC University is providing coaching on skills to the entire Higher Education ecosystem with an objective of enhancing employability. Following are the activities currently being performed by Training and Placement department to achieve its employability objectives:

- Coaching and Mentoring
  Training and Placement department is providing extensive process oriented and activity driven training on Personality Development, Business English, Business Communication and Aptitude Development. These trainings are delivered in two formats – Regular Semester coaching and crash courses.
- Internship Support
  Objective behind the 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 department provides Internship Support to the students in their final semester. This support is provided in the following ways:
  - Training and Placement department has a systematic contact program with the corporate where companies are invited to interview JU students for internships, on and off campus
  - Training and Placement department helps students find internships of their interest on the internet
  - Training and placement department provided 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 an joint evaluation, at the end of the internship, conducted by Faculty internship guide, industry guide and an external examiner.

- Outset Initiative
  JECRC University believes and works with the philosophy that every student is special and every student brings something special to the table, beyond the bounds of academic performance. With this belief, JECRC University has launched an initiative called the Outset Initiative. This is special placement initiative executed by the Training and Placement department where, a team of experienced faculty works on getting those students placed, who have less than 60% marks. Students are assessed on their co curricular participations, leadership roles held by them and their soft skills. Presenting these students for interviews to companies who do not have less than 60% marks criteria follows this. Training and Placement department actively works throughout the year to find companies that recruit students with less than 60% marks in their engineering.

- Employability Augmentation
  Training and Placement department is helping the placement initiates by tying up with companies like Aspiring Minds, Co Cubes etc. These companies conduct Employability Assessments that are recognized by a wide range of corporate. This has helped students get placed with companies that do not come to campus otherwise.

- Professional Enhancements
  Training and Placement department has been instrumental in making students participate in activities that help them add more professional qualifications to their CV. Some such activities are:
  - Six Sigma Certification conducted by KPMG (Pipeline)
  - Lean, Process Improvement Courses etc. offered by American Society of Quality (Pipeline)

- Pooled Campus Drives
  Training and Placement department, JECRC University, encourages students to go for pooled campus drives. In this initiative, JECRC University either sends its students to other colleges or acts as the host and invites students from other colleges (JU invited students from other campuses for Wipro Technologies in which 7 students from JU and 18 students from other colleges were selected)
Establishment

JECRC University has been established vide The JECRC University, Jaipur Act, 2012 (Act No. 15 of 2012) published in the Gazette of Rajasthan Dated May 2, 2012. The University started its operations and admitted students in various courses w.e.f. the Academic Session 2012-13.

JU Vision

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

JU Mission

- To focus on research and spirit of innovation that will drive academic orientation and pursuit at JECRC University.
- To identify, based on informed perception of Indian, regional and global needs, 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 imaginatively gifted leaders can emerge in a range of professions.

Core Values

- Academic integrity and accountability
- Respect and tolerance for the views of every individual
- Attention to issues of national relevance as well as global concern
- Breadth of 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

JU Edge

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

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

JU aims at creating valuable resources for industry and society through its interventions in creation of research and innovative, academic and professional enhancement and overall cultural enrichment.
Build for yourself a life…

...Build Your World

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

The Spirit of JU

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

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

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

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

JU 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 Competition Studies
The Centre for Competition Studies is a vibrant resource Centre for preparing the students to compete in national and international competitive examinations. The students are trained by experts for setting their career path in Civil Services, Defense Services, Indian Revenue Services, State Civil Services and Banking. Students are also provided training in examinations like CAT and GATE to facilitate their preparation to enter national and international reputed institutions.

The Centre provides classroom teaching by experts in the respective domain. The students are provided with study materials. Frequent mock test and quizzes are conducted to sharpen their skills. The Centre also provides opportunity for the students to interact with previous successful candidates of the various entrances. The students are prepared for Personal Interview, Group Discussions and Public Speaking. Dress etiquette, table manners and board room etiquette are part of the formal training. All the students enrolled in JU programme benefit through the Centre as the centre also offers credit courses which are incorporated into the regular curriculum.

University has tied up with T.I.M.E., India’s leading test-prep Institute with a pan-India presence headquartered at Hyderabad. Established in 1992, T.I.M.E. today operates out of 236 offices located in 118 towns and cities across the country. T.I.M.E. faculty takes classes of B. Tech., MCA and BBA Programmes for preparation for CAT and Campus Recruitment Training as part of the curriculum.

Centre for Foreign Languages
Centre for Foreign Languages opens the window for the students to learn foreign languages. In today’s globalised economy, knowledge of a foreign language and understanding foreign cultures is recognized as key to success. The Centre opens up International career opportunities for the students. All students enrolled with JECRC University are encouraged to study at least one foreign language on a voluntary basis. The Centre is presently conducting classes in Japanese and French and is likely to introduce German, Spanish and Mandarin Chinese shortly.

Centre for Future Studies and Industry Alliances (CFISA)
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 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 Microsoft, KPMG, CAID Centre, ICHIEVE, 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 liaise with different industry bodies. The faculty 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.

Training and Placement Cell
The University Training and Placement Cell aims at building a strong interface between industry and the University for training and placement of students.

The Centre initiates continuous interaction between industry and corporate to understand their requirements of knowledge and skill sets and to train human resources accordingly. The Centre engages with the industry practitioners by inviting them for guest lectures, industrial visits, on the job training, seminars and arranging for students projects and internships. The Centre provides career counseling and guidance to its students. Special focus is laid for encouraging the students for entrepreneurship.

E-Summit
A group of 23 students went to IT Bombay for E-Summit from 30-31 January 2016. Students participated in various activities organised by E-Cell of IT Bombay. There were some valuable sessions held during this E-Summit, like session of Mr. Sachin Bansal CEO of Flipkart and Mr. Rahul Yadav Ex-CEO of housing.com. Students learnt lot of skills related to entrepreneurship and these are some of the achievements of students:

We were the finalist of the National Entrepreneurship Challenge 2016.
We were in Top10 Teams shortlisted from 250 teams of colleges in India.
We were declare as a Winner in event name ‘INVESTOR’S Dilemma’.
We got Best Contingent Leader award and awarded IT Bombay Merchandise T-Shirt.

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 the stay at the campus.

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 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.

Academic Environment
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 of the students. A good collection of reference and text-books and journals of national and international repute is available for the students. The library subscribes to both national and regional
Sprawling campus spread over 32 acre house state-of-the-art facilities for a cohesive and safe learning environment
Computational Simulation and Enabling Technology (CSET) Lab

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

Center for Apps and Ideas

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

Modus Operandi:
The first phase of the training involved 10 hours of Java training to ensure the all the trainees have a strong base for Android App Development. This phase was followed by 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 shall be lessons on advanced topics such as GPS, etc. and working on advanced, dynamic applications. The final phase of the training shall require 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 and harness power of creative thoughts to innovate the economy of our Nation.

JU strives to promote research, creativity and innovative ideas that encourage faculty to nurture students and correlate extra curricular 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 20 million (Rs. 200 lakhs) research funding from SERB Division, DST, Indian Council of Medical Research, Women Scientist A Scheme and Cognitive Science Initiative, Department of Science and Technology, New Delhi, Government of India.

Mission10X Technology Learning Center (MTLC)

JECRC University is among the 25 Educational institutes from all over India selected by Wipro Technologies for the establishment of prestigious research laboratory - Mission10X Technology Learning Center. The JECRC University faculty and students can use the laboratory to develop innovative applications/products in various challenging fields ranging from automotive, Medical electronics, Mobile communication, networking, etc.

Microsoft IT Academy

JECRC University is an accredited member of the Microsoft IT Academy. The academy focuses in building a strong base of Microsoft technology skills in the student. The students are prepared for various certifications on Microsoft software and technologies at affordable cost. The curriculum is tailored to meet the domain skills required for today’s job market by enabling the latest technology. The Microsoft Certified professionals are highly recognized by the Industry and the students gain a competitive edge during placements and it also helps in the career development.

Microsoft Student Partner program 2015-2016

JECRC Foundation is proud to furnish 38 selections under the Microsoft Student Partner program 2015-2016. This is the highest number of selections from any single institute across India. The Microsoft Student Partner program is an educational and promotional program to sponsor undergraduate and post graduate students majoring in disciplines related to technology, typically Computer Science. MSP Program aims to enhance the student employability and increase student’s awareness of Microsoft Technologies. Student Partner are given access to MSDN Premium Subscriptions. A page called “JECRC Students Ambassadors” has been created on Facebook to provide information regarding the student program of all fortune companies.

Wonder of Words "WOW"

It is said that as one lamp lights another nor grows less, so too, nobleness enkindles nobleness. The merit of that saying was very evident when Luminaries graced the sanctum sanctorium of JECRC University during the recently concluded Fourth Edition of Wonder of Words. This small effort which started in 2012 has now captivated the audience and is much loved all over. This literary extravaganza is the brain child of Chairperson Dr. Neeta Singh, AIIMS, New Delhi, Dr. R. Ramanibai, Madras University, Chennai. This is 4th such GMW held at JECRC University sponsored by DST, Govt. of India. This fellowship is important because it promotes women in science and technology.
Life@JU Pink City-Jaipur
Jaipur, the world renowned Pink City is emerging as a higher education hub and is an ideal city to study and live. In addition to being India’s leading tourist destination, Jaipur draws thousands of students from far and wide. An interesting mix of modern infrastructure and a rich heritage and culture makes Jaipur a very charming city. The city has 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 to especially for women. Jaipur is abuzz with a variety of business activities across sectors that give students tremendous exposure. National and multinational companies like Infosys, Genpact, Bosch, Deutsche Bank, Wipro, NEI, 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 sound infrastructure for both learning and living. The JECRC University has excellent academic and residential facilities that make up a vibrant campus.

The style of the buildings are unique with large rectangular and linear structures dotted around the 32 acre campus with large courtyards. It has been designed keeping in mind the climatic conditions, still connecting the past with modern and contemporary design. The concept of the JU building and landscape is to create an environment with playfulness as a playground for dreams and a place for inspiration for the students. The campus is built to bring 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 divulge a monumental structure. The cavity wall exposed brick concept ensures that the building gives a temperature difference of almost 8 to 10 degree between the indoor and the outdoor temperature. Adding to the social aspect of green movement natural materials like traditional Kota and Jodhpur stones are used. The density of the campus are large courtyards between the buildings and the presence of more than 90 different species of plantation around the campus. This green, energy efficient and eco-friendly campus design goes beyond just the buildings. Beautiful landscaping, choice of shrubs and trees, water harvesting and recycling and waste management practices are in line with a Green Campus. JU is 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, upholding the integral aspect of one 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.

Sports Facilities
The University has provided for sports enthusiasts a well-equipped Gymnasium, Football ground, Basket Ball court, Volley ball court, Badminton court and indoor facility for Table tennis. The University is member of Association of Indian Universities and its teams participate in various national and international tournaments. The University has also prepared a comprehensive sports development plan for all round personality development of its students. The proposed Sports Complex planned at the campus will nevermate with energy and will inspire students to challenge themselves. Spread over two floors the Complex will house indoor courts and zones for badminton, basketball, billiards and table-tennis besides a recreational area. Additionally, a half marathon swimming pool with a gymnasium, Jacuzzi and spa is also planned. University also provides professional guidance and coaching for specific sports for interested students.

Mess and Cafeteria
The double storyd Students’ Mess next to the hostel complex offers excellent multicuisine 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)

Extra Curricular Activity clubs
- Schriebers - Media Club
- Pickteux - 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)
- ISACE
- Institution of Electrical & Electronics Engineers (IEEE)
- Indian Society for Technical Education (ISTE)
- American Society for Quality (ASQ)
- Computer Society of India (CSI)
- American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)
- Institute of Engineers (India) – (IEI)
- Association of Computing Machinery (ACM )
- Society of Automobile Engineers ( SAE )

IAESTE is an independent, non-profit, non-political and non-governmental international association that deals with the exchange of students for technical experience. It is an association of member countries, made up of partner agencies representing academic, industrial and student interests. Student 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 and exchanging over 7000 job offers search year worldwide, it is the largest organization of its kind in the world, affecting around 3,35,000 students since its inception. IAESTE provides students with a unique opportunity to gain relevant technical training that lasts from 4-52 weeks.

IAESTE India LC JECRC is the flagship student exchange programme of JECRC UNIVERSITY. It is responsible for delivering unparalleled learning experiences to more than 1000 students since its inception in 2012. It is an exchange programme under JECRC UNIVERSITY, managed by students, which is a first of its kind exchange organization for students enrolled in technical disciplines in
Opportunities @ JU
India. We provide students with prodigious opportunities to seek international training in their respective fields supplemented by a galore of experience. It is the Indian chapter of the global IAESTE student exchange programme which is patronized by JECRC UNIVERSITY. 

Since its inception, IAESTE JECRC has been the face of proliferating development. Other facet 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.

**IAESTE Exchange Statistics**

**Year 2015-16**
- Incoming Interns – 11
- Outgoing Interns – 09

**Year 2014-15**
- Outgoing Interns – 02

**Incoming Students**

- Kristof Harms
  Gottingen University
  Germany

- Patricia Schneider
  Kofln University
  Germany

- Poramit Kanwiwat
  King Mongkut’s University
  Thailand

- Eray Ozer
  Yildiz of Technology University
  Turkey

- Diana Isabelle
  Technische University
  Germany

- Ana Budisa
  University of Zagreb
  Croatia

- Aymen Bouaoun
  National Engineering School
  Tunisia

- Malte Probst
  Gottingen University
  Germany

- Manuel Napoli
  Bahiya Biance University
  Argentina

- Mohammed Albahri
  Sultan Qaboos University
  Oman

- Chawal
  Chulalongkorn University
  Thailand
KPMG international operates as a network of member firms offering audit, tax and advisory services. They work closely with their clients, helping them to mitigate risks and grasp opportunities. Member firms’ clients include business corporations, governments and public sector agencies and not-for-profit organizations. They look to KPMG for a consistent standard of service based on high order professional capabilities, industry insight and local knowledge.

KPMG member firms can be found in over 152 countries. Collectively they employ more than 145,000 people across a range of disciplines. Sustaining and enhancing the quality of this professional workforce is KPMG’s primary objective. Wherever they operate they want their firms to be no less than the professional employers of choice. They contribute to the effective functioning of international capital markets. They support reforms that strengthen the markets’ credibility and their social responsibility. They believe that similar reform must extend to the professional realm.

KPMG values create a shared identity within the KPMG organization, defining what they stand for and how they do things. KPMG’s approach is founded on the belief that business has a vital role to play in helping solve the world’s most complex problems.

KPMG’s Code of Conduct lays out the expectations of ethical behavior for all the people of KPMG, built on the foundation of KPMG’s Code of Conduct. Every day and defines how they perform as individuals and as leaders. KPMG was established in India in September 1993, and has rapidly built a significant competitive presence in the country. The firm operates from its offices in Ahmedabad, Bangalore, Chandigarh, Chennai, Delhi, Hyderabad, Kochi, Kolkata, Mumbai and Pune. Sectors served by KPMG in India include Defence, Education, Energy & Natural Resources, Financial Services, Government and Public Sector, Healthcare, IT/PSO, Media & Entertainment, Pharmaceuticals, Private Equity, Real Estate & Construction, Telecom, Transportation & Logistics.

Further details may be seen at www.kpmg.com/in

Scope of Co-operation: KPMG Experts deliver Class Room and Lab Training for KPMG Course for Accounting Professionals to B. Com. & BBA Students. KPMG LMS provides extra support to the students.

Triumphant Institute of Management Education Pvt. Ltd. (T.I.M.E.) is India’s leading test prep institute with a pan-India presence and is headquartered at Hyderabad. Established in 1992, T.I.M.E. today operates out of 236 offices located in 118 towns and cities across the country. Over 40 IT/IM graduates form part of the core team at T.I.M.E., which has completed 20 years of service to the student community – helping to build a few hundred thousand careers along the way.

T.I.M.E. offers a wide range of programmes not only for national and state-level entrance exams like the CAT, MAT, JEE MAIN and JEE ADVANCED, but also for international exams like GMAT, GRE, IELTS and TOEFL. Through its Campus Recruitment Training conducted at various engineering colleges across the country every year, T.I.M.E. trains thousands of students in aptitude tests and communication skills as a part of preparing them for their campus placements. T.I.M.E. has introduced training programmes for Bank PO & Clerical exams, GATE, CSAT (paper 2) and CLAT.

T.I.M.E. has achieved an important milestone of training more than 12 lakh students since inception. T.I.M.E. has always been head and shoulders above the rest in terms of success rate in CAT. 2069 T.I.M.E. students who are a part of T.I.M.E.’s flag ship programme, the CAT, made it to the prestigious Indian Institutes of Management (class of 2013-2015).

The company is constantly diversifying & entering into new areas. It has acquired a majority stake in English training institute, Veta. With 141 centers across India and having trained more than 2 lakh people during the past three years, to speak English fluently. Chennai based Veta is one of country’s largest spoken English training institutes.

Scope of Co-operation: T.I.M.E. Experts conduct Training for CAT, Campus Recruitment and Bank PO Examination as part of the curriculum for various Academic Programmes.

ICHIEVE delivers intelligent management solutions to clients to achieve excellence in the areas of Media Communication Marketing, Retailing Distribution Logistics, Finance, Investment, Wealth and Education Coaching Employability. ICHIEVE’s founding and management teams bring over 100 years of global professional experience across management consulting, media and communication, business analytics, human resource management, new venture development and management education.

Scope of Co-operation: ICHEVE Experts conduct Class Room and Lab delivery for Media Courses as part of MBA curriculum.

Microsoft Corporation is an American multinational corporation headquartered in Redmond, Washington, that develops, manufactures, licenses, supports and sells computer software, consumer electronics and personal computers and services. Its best known software products are the Microsoft Windows line of operating systems, Microsoft Office suite, and Internet Explorer web browser. Its flagship hardware products are the Xbox game consoles and the Microsoft Surface tablet lineup. It is the world's largest software maker measured by revenues. It is also one of the world's most valuable companies.

Scope of Co-operation: Microsoft has established Innovation Centre and IT Academy in the University Campus for development of Computer/Mobile Apps by the students.

Intel Corporation, founded on July 18, 1968, is a portmanteau of Integrated Electronics (the fact that "intel" is the term for intelligence information also made the name appropriate). Intel also makes motherboard chipssets, network interface controllers and integrated circuits, flash memory, graphic chips, embedded processors and other devices related to communications and computing.

Scope of Co-operation: University has established INTEL Lab for hands-on training for students and faculty members.

Tata Consultancy Services Limited (TCS) is an Indian multinational information technology (IT) service, consulting and business solutions company headquartered in Mumbai, Maharashtra, TCS operates in 46 countries. It is a subsidiary of the Tata Group and is listed on the Bombay Stock Exchange and the National Stock Exchange of India. TCS is the largest Indian company by market capitalization and is the largest India-based IT services company by 2013 revenues. TCS is now placed among the Big 4 most valuable IT services brands worldwide. In 2013, TCS is ranked 40th overall in the Forbes World’s Most Innovative Companies ranking, making it both the highest-ranked IT services company and the top Indian company. It is the world’s 10th largest IT services provider, measured by revenues.

Scope of Co-operation: TCS is the largest employer of JECRC Foundation students and the University is Assessment Centre of TCS for different exams like CAT, GATE, JEE Mains, Bank PO examinations etc.

The University of Alabama (UA) is a public research university located in Tuscaloosa, Alabama, USA, and the flagship of the University of Alabama System. Founded in 1831, UA is one of the oldest and the largest of the universities in Alabama. UA offers programs of study in 13 academic divisions leading to bachelor’s, master’s, Education Specialist, and doctoral degrees. The only publically supported law school in the state is at UA. Other academic programs unavailable elsewhere in Alabama include doctoral programs in anthropology, library and information studies, metallurgical engineering, music, Romance languages, and social work.

Scope of Co-operation: Faculty and student exchange, credit transfers, joint research etc.

Bosch is a leading supplier of technology and services in the areas of automotive and industrial technology, consumer goods and building technology. Additionally, Bosch also has in India, the largest development centre, outside Germany, for development of Computer/ Mobile Apps by the students.

Scope of Co-operation: Bosch Limited, Bosch Chassis Systems India Limited, largest development centre, outside Germany, for end to end development of Computer/ Mobile Apps by the students. and the BOSCH extends their facilities for training, industrial visit etc. of students and faculty of the University apart from campus placements.

Intel Corporation is an American multinational corporation headquartered in Santa Clara, California. Intel is one of the world’s largest and highest valued semiconductor chip makers, based on revenue. It is the inventor of the x86 series of microprocessors, the processors found in most personal computers.

Intel Corporation, founded on July 18, 1968, is a portmanteau of Integrated Electronics (the fact that “intel” is the term for intelligence information also made the name appropriate). Intel also makes motherboard chipssets, network interface controllers and integrated circuits, flash memory, graphic chips, embedded processors and other devices related to communications and computing.

Scope of Co-operation: University has established INTEL Lab for hands-on training for students and faculty members.

Wipro Limited (Western India Products Limited) is an Indian multinational IT Consulting and System Integration services company headquartered in Bangalore, India. As of December 2014, the company has 154,297 employees servicing over 900 large enterprise & Fortune 1000 corporations with a presence in 61 countries. On 31 March 2014, its market capitalization was approximately 1.27 trillion (520.8 billion), making it one of India’s largest publicly traded company and seventh largest IT services firm globally.

Scope of Co-operation: Wipro conducts faculty development programmes and facilitates campus placements of graduates.

Intel Corporation is an American multinational corporation headquartered in Santa Clara, California. Intel is one of the world’s largest and highest valued semiconductor chip makers, based on revenue. It is the inventor of the x86 series of microprocessors, the processors found in most personal computers.

Intel Corporation, founded on July 18, 1968, is a portmanteau of Integrated Electronics (the fact that “intel” is the term for intelligence information also made the name appropriate). Intel also makes motherboard chipssets, network interface controllers and integrated circuits, flash memory, graphic chips, embedded processors and other devices related to communications and computing.

Scope of Co-operation: University has established INTEL Lab for hands-on training for students and faculty members.

The University of Alabama (UA) is a public research university located in Tuscaloosa, Alabama, USA, and the flagship of the University of Alabama System. Founded in 1831, UA is one of the oldest and the largest of the universities in Alabama. UA offers programs of study in 13 academic divisions leading to bachelor’s, master’s, Education Specialist, and doctoral degrees. The only publically supported law school in the state is at UA. Other academic programs unavailable elsewhere in Alabama include doctoral programs in anthropology, library and information studies, metallurgical engineering, music, Romance languages, and social work.

Scope of Co-operation: Faculty and student exchange, credit transfers, joint research etc.

Tata Consultancy Services Limited (TCS) is an Indian multinational information technology (IT) service, consulting and business solutions company headquartered in Mumbai, Maharashtra, TCS operates in 46 countries. It is a subsidiary of the Tata Group and is listed on the Bombay Stock Exchange and the National Stock Exchange of India. TCS is the largest Indian company by market capitalization and is the largest India-based IT services company by 2013 revenues. TCS is now placed among the Big 4 most valuable IT services brands worldwide. In 2013, TCS is ranked 40th overall in the Forbes World’s Most Innovative Companies ranking, making it both the highest-ranked IT services company and the top Indian company. It is the world’s 10th largest IT services provider, measured by revenues.

Scope of Co-operation: TCS is the largest employer of JECRC Foundation students and the University is Assessment Centre of TCS for different exams like CAT, GATE, JEE Mains, Bank PO examinations etc.

The University of Alabama (UA) is a public research university located in Tuscaloosa, Alabama, USA, and the flagship of the University of Alabama System. Founded in 1831, UA is one of the oldest and the largest of the universities in Alabama. UA offers programs of study in 13 academic divisions leading to bachelor’s, master’s, Education Specialist, and doctoral degrees. The only publically supported law school in the state is at UA. Other academic programs unavailable elsewhere in Alabama include doctoral programs in anthropology, library and information studies, metallurgical engineering, music, Romance languages, and social work.

Scope of Co-operation: Faculty and student exchange, credit transfers, joint research etc.
The object of education is to prepare the young to educate themselves throughout their lives.

- Robert M. Hutchins
JU Board of Management

Chairperson
Shri O P Agrawal

Member
Shri Amit Agrawal
Shri Arpit Agrawal
Commissioner - College Education, Govt. of Rajasthan or his nominee
Prof. Victor Gambhir, President, JECRC University
Shri M.L. Sharma
Dr. S.N. Gupta
Dr. Pooran chand
Shri S.L. Agrawal
Dr. Widhi Dube
Dr. Sapna Sharma
Shri O. P Agrawal
Dr. D.P Mishra, Registrar, JECRC University

JU Advisory Board

Mr. Kailash Satyarthi
Nobel Laureate, Human Rights Activist, Chairman, Bachpan Bachao Andolan

Dr. Malcolm Portera
Former Chancellor, University of Alabama Systems, USA

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

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

Mr. Ashok Vajpeyi
Former Chairman, Lalit Kala Akademi

Prof. Dileep N Deobagkar
President, Goa University, Taleigao Plateau, Goa

Prof. M C Dwivedi
Former Head, Department of Chemical Engineering, IIT Bombay, Eminent Process Engineering Consultant

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

Dr. I. K. Bhatt
Director, MNIT, Jaipur

Mr. Amrit Chatarjee
Managing Director, American Society for Quality India

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

Mr. V. Ramaswami
Global Head – Small & Medium, Tata Consultancy Services

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

Dr. Rakesh Sharma
IFS, Additional Chief Conservator of Forests, HP, Registrar, IIT, Delhi

Dr. Devi Singh
Former Director IIM, Lucknow & MDI, Gurgaon, VC, Flame University, Pune

Dr. P. S. V. Nataraj
Professor of Systems & Control Engg., IIT, Mumbai
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 offer 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 like M/s BOSCH, Microsoft, IBM, INTEL, SMEs, CII and TCS etc. and other centers of excellence in India like IITs, NITs, TIMES Academy, CADD centre and abroad like Tennessee Tech University, Alabama University and Cranefield University along with the university’s extraordinary collection of excellent professional schools create a wealth of research options. Our undergraduate and graduate students are encouraged to work together on projects. Hands-on research and project-based activities provide our students with extensive laboratory and design experience, as well as close interaction with exceptional faculty at the forefront of their fields.

Through dynamic and innovative curricula, a teamwork approach and leadership building experiences, JECRC students gain vital communication and critical-thinking skills. They also benefit from the diverse cultural and intellectual climate of the JECRC campus with students and faculty from 20 different states. Our women engineering student body and faculty confirms to the welcoming climate for traditionally underrepresented groups and offer 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 wholesome 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 fellowship in various professional bodies and societies, are the mentors constantly shape up the students to realize their true potential and nurture them consistently to realize their unexplored abilities and hidden talents.

It is prudent to mention here that university has been progressing well in the pursuit of research and DST has already awarded a project to University in the cutting edge Nano Technology entitled “Improving the dispersion of Multiwall Carbon Nano tubes in Epoxy Resin for Multifunctional Nano Composites” to Dr Murari Lal Gupta under fast track Young Scientist Scheme. Total grant for the project is Rs 25 Lakh initially and likely to be increased with further progress.

In addition University of Pittsburgh, USA has also awarded a consultancy project to our university for development of “Hollow Fibrous Scaffolds for Advanced MRI imaging” and this is a long term project that has been funded by Department of Defense USA 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.

Message of Director & Dean, SOE

Dr. J.K. Sharma
Director & Dean, SOE
Ph.D. - NIT, Kurukshetra,
Experience: 40 years
Research Areas:
- Polymers, Effluent Treatment, Environmental Studies, Flame Retardant Finishes, Dyes Application to Cellulosic’s

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>1.01</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 60% 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 2016 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>1.02</td>
<td>B. Tech.- Computer Science &amp; Engg.</td>
<td>4 yrs.</td>
<td>125000</td>
<td>180</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.03</td>
<td>B. Tech.- Electrical Engg.</td>
<td>4 yrs.</td>
<td>125000</td>
<td>60</td>
<td>Pass in Senior Secondary Examination (10+2) with minimum 60% 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></td>
</tr>
<tr>
<td>1.04</td>
<td>B. Tech.- Electronics &amp; Communication Engg.</td>
<td>4 yrs.</td>
<td>125000</td>
<td>60</td>
<td>Pass in Senior Secondary Examination (10+2) with minimum 60% 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></td>
</tr>
<tr>
<td>1.05</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>
<td></td>
</tr>
<tr>
<td>1.06</td>
<td>Bachelor of Computer Applications</td>
<td>3 yrs.</td>
<td>75000</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>
<td>Merit on the basis of qualifying examination.</td>
</tr>
<tr>
<td>1.07</td>
<td>B. Tech.- Civil Engg.- Lateral Entry in 2nd year</td>
<td>3 yrs.</td>
<td>150000</td>
<td>12</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>
<td></td>
</tr>
<tr>
<td>1.08</td>
<td>B. Tech.- Computer Science &amp; Engg.- Lateral Entry in 2nd year</td>
<td>3 yrs.</td>
<td>150000</td>
<td>18</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>
<td></td>
</tr>
<tr>
<td>1.09</td>
<td>B. Tech.- Electrical Engg.- Lateral Entry in 2nd year</td>
<td>3 yrs.</td>
<td>150000</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.10</td>
<td>B. Tech.- Electronics &amp; Communication Engg.- Lateral Entry in 2nd year</td>
<td>3 yrs.</td>
<td>150000</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.11</td>
<td>B. Tech.- Mechanical Engg.- Lateral Entry in 2nd year</td>
<td>3 yrs.</td>
<td>150000</td>
<td>12</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: Relaxation of 5% marks in minimum eligibility criteria shall be given to the candidate who belong to SC/ST/State OBC Non-creamy layer / women category.
<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>1.12</td>
<td>M. Tech. Civil Engg. 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>1.13</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 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>1.14</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>1.15</td>
<td>M. Tech. - Power System &amp; Electrical Drives</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>1.16</td>
<td>M. Tech. - 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>1.17</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>1.18</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/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

Dr. Satish Kulhari
Prof. & Head of the Department
B. Tech. (Gold Medalist) Naval College of Engineering, Lonavala
M. Tech. & MBA (Finance), IT, IIT Bombay
Ph.D. Rajasthan University, Jaipur
Uniq Specialist, IISc Bangalore

Experience – 30 Years
Research Areas: Project Management with specialization in Deterministic Probabilistic Models of PERT / CPM, Supply Chain Management

Civil Engineering Department

The Civil Engineering Department was established in 2012. The department is headed by Dr. Satish Kulhari having a total teaching experience of 30 years. Civil Engineering is known to be the oldest engineering discipline since the dawn of human civilization. From caves to skyscrapers, roads to sophisticated railways and high speed expressways, Civil Engineering is ubiquitous. Civil engineering has evolved from humble huts to soaring multi-story buildings, massive dams, huge stadiums, complex transportation systems, etc. It involves planning, designing and executing infrastructural development works. The demand for well-qualified civil engineers has increased many folds owing to the socio-economic development and growing needs and aspirations of the masses.

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

The Department of Civil Engineering is well equipped with the human resource and the infrastructure required for training the students. The faculty members at the Department are from reputed institutions like IITs /NITs etc. Some of the labs at the University helps to provide a wide spectrum of choices to the students. The faculty members at the Department are from reputed institutions like IITs /NITs etc. Some of the labs at the University helps to provide a wide spectrum of choices to the students.

Courses Offered

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

Course Structure

1st year: Same as Chemical Engineering common to all branches.


Department of Computer Science & Engineering (CSE)

Dr. Naveen Hemrajani
Professor & Head of CSE

Experience: 24 Years
Areas of Interest: Computer Networks, Cloud Computing, Software Engineering

CSE Department

The Department of Computer Science & Engineering was established in 2012. The department is headed by Dr Naveen Hemrajani having a total teaching experience of 22 years. Department of Computer Science and Engineering aims to deliver the best quality technocrats and engineers. The department is in great demand to meet requirement for the benefit of society locally and globally. Department believes in the discovery of new knowledge through innovative research that encourages entrepreneurship and economic development to benefit our society worldwide. 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.

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

8th Semester: Industrial Project & Dissertation.

Placement Opportunities

The booming economy of India offers plethora of opportunities for the Civil Engineers in the Government sectors, Public sector as well as private sector. The Civil Engineers are in great demand to meet requirement for the development of the infrastructure. Following are few companies that recruit Civil Engineers.

In Public Sector – CPWD, State PWDs, Railways, MES, BRO, NHAI, PHEDs, Irrigation Departments, Electricity Boards, AAI, etc.

Private Sector - Larsen & Toubro, DLF, Tata Projects, Hindustan Construction Company, Gammon India, Unitech, Nagaurya Construction Company, Shapoorji Pallonji & Co, GMR, Jaypee, etc.

Department of Computer Science & Engineering offers a variety of degrees for undergraduates and graduates in computer-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, focusing 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.

Department offers Corporate Interaction Programme and Seminars aimed at developing direct communication with the corporate world. The Department regularly organizes Corporate Interaction Programme aimed at developing direct communication with the corporate world. The Department focuses on developing overall orientation towards design, development and maintenance of software as well as hardware systems.

The department collaborates with Microsoft Corporation to impart cutting edge knowledge to our students under the Microsoft Innovation Centre developed in University. The faculty members are a part of the activities of the Professional Societies like IEEE and CSI.

The Department of Computer Science and Engineering provides an outstanding research environment complemented by excellence in teaching. The Department has state-of-the-art infrastructure and computing equipment supported by high speed Ethernet and wireless networks. Department has five dedicated Labs namely Computer Programming Lab, Object Oriented Programming Lab, Database Lab, Advanced 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.
systems, algorithms, databases, data mining, machine learning, computer networks, distributed processing, artificial intelligence, software engineering, and graphics.

Courses Offered

B.Tech – Computer Science & Engineering
(4 year Normal Entry / 3 year Lateral Entry)

Course Structure

1st year: Same as mentioned in Chemical Engineering (Common for all streams)


8th Semester: Industrial Training / Project dissertation.
M.Tech (Software Engineering)

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

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

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

4th Semester – Dissertation II

M.Tech (Network Engineering)

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


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

4th Semester – Dissertation II

Placement Opportunities

Well – educated Computer Science and Engineering (CSE) professionals are in great demand both in India and overseas. A diverse range of careers is available to graduates from JECRC University’s courses in Computer Sciences. Many pursue careers as system analysts, IT Managers, software Engineers or consultants, while others use their degree as a springboard into a wide range of jobs in commerce, industry and government. This course aims to meet the ever increasing demand of qualified engineers who can contribute to both the hardware and software design and electronic system. JECRC University alumni now work in areas including computer networks, embedded system, digital control systems, telecommunications and cable TV systems etc. The computers have become 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 students could easily be 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 few opportunities are also available for them in the Public Sector and Government departments & Defence etc.

Department of Computer Applications

Dr. Deepak Dembla
Associate Professor & HOD
Ph.D. Guru Jambheshwar University, Hisar
M Tech. Punjabi University
MCA. Guru Jambheshwar University, Hisar
Experience: 13 Yrs +


Courses Offered:
MCA (3 year & 2 year Lateral Entry)
BCA (3 year)

Computer Science Department

Computer has applications in every aspect of our lives, most significantly in the communication, control systems, health care, education governance and finance. With every passing year, computer software evolves into a faster, more sophisticated, versatile and easy-to-use technology. Owing to the phenomenal and multidimensional growth of the industry coupled with its lucrative nature, 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.

Information Technology & Computer applications are the key technologies 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. Late Steve Jobs said, “Everybody should learn how to program a computer – because it teaches you how to think.” Keeping in mind today’s fast paced world’s need of IT graduates, MCA/BCA/B.Sc. IT programs at the IT& Computer Application Department in JECRC University are designed to bridge the gap between computing theory and applications. The program emphasizes on the application of software technology to solve business problems. The program offers a number of in-depth, application-oriented courses. It covers the methodology to develop an efficient and error free software product, to maintain software products that utilize networking 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 rather than designing computer hardware and system software. Fully Flexible Credit System employed at the University helps to provide a wide spectrum of choices to the students.

Our MCA/BCA programs focus on providing students high-end IT education keeping in view the changing Technology as well as Industry needs to suit the digital economy in dynamic Computer and IT Industry. The Department of IT & Computer Applications is well equipped with the human resource and the infrastructure required to train IT professionals. The faculty members at the Department are from reputed institutions like IITs/NIITs etc. They are prominent in their respective field 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. 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. We believe that this approach to teaching/learning, coupled with practical experience gained during industrial visits and training in reputed organizations, equips our students to handle the challenges posed by the corporate world. Our aim is to produce proficient technocrats whose skills, innovative ideas and accuracy of knowledge can lead them to the path of success.

The department has got professional memberships of renowned organizations for faculty and students development such as ACM, USA/IEEE USA, CSI India, IENG USA, IACSIT Singapore etc. The department has collaboration with Microsoft Corporation to impart cutting edge latest technologies to our students under the Microsoft Innovation Centre developed in University. The department conducts Special/ Invited Talks/ Guest Lectures from eminent experts from Industry/ Academia on latest emerging trends in IT Industry for the development of students and faculty.

The department also conducts various Seminars/ Workshops/ Conferences from time to time and 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.

Course Structure

1st Semester:

2nd Semester:

3rd Semester:

4th Semester:

5th Semester:

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 professional 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 corporates 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, Gilar Software, Prathami Software etc through various placement drives.

Department of Electronics & Communication Engineering

Dr. Himanshu Chaudhary
Associate Professor & Head of Department
Ph.D. (Robotics) - IT Rookee, Rookee
M.E. (Robotics) - Maharaja Sayaj Rau University Vadodara, Vadodara (Gujarat)

B.E. (Electronics and Telecommunication) - Amravati University, Amravati (M.S.)

Teaching Experience - 18 Years Professional Qualification
- Oracle Developer 2000 certification.
- Power Builder Certification.
- Matlab Certification.
- CISCO Certified Network Associate.
- PGDCA (Post graduate diploma in computer applications) from CMC Ltd., Delhi.
- Hacker Certification etc.

Research Area

Courses Offered:
- B Tech - Electronics & Communication Engineering
- M Tech - Communication Systems
- M Tech – Embedded Systems & VLSI

Electronics & Communication Engineering

Geography and distance have become meaningless due to Electronics and Communication technology which includes connectivity from various media 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 universe itself. Electronics & Communication Engineering Department strives for excellence in creating, applying, imparting knowledge in Electronics through comprehensive educational programs, research in collaboration with industry and government, dissemination through scholarly publications, and service to professional societies, the community, the state, and the nation.

ECE department is organizing various workshops, Seminars and spoken tutorials for students focusing on domain-specific research, providing leadership throughout whole year. ECE faculty continues to excel in conducting research at the forefront of Electronics and Communication. Their achievements and accomplishments have been widely acknowledged. The focus of our faculty on research continues to be complimented by a strong commitment to teaching. ECE faculties have attended various workshops and Seminars to enhance their capabilities.

ECE students have emerged by participating, organizing various tech fests inside and outside the university. They have shown excellence in academic field too. Many of our students have been volunteer for various social causes (e.g. Blood Donation, Zaraat). 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. ECE student has also visited Bosnia for summer intership.

Course Structure

B.Tech Electronics & Communication Engineering

1st year:

3rd Semester:

4th Semester:

5th Semester:

6th Semester:
Placement Opportunities

ECE students can get placements in Army, Railways, Telecommunication, Airport, Mobile companies like Ericsson, Airtel, Aircel, Vodafone etc., Public sectors like DRDO, ISRO, BARC, BHEL etc., IT companies like Infosys, TCS, CTS, IBM, HCL, BPL etc., electronics core companies like Intel, Samsung, LG, Dinda, Sony, Sansui, etc. and other areas like automation industry like Maruti, Honda, Honda, Nissan, Tata etc., Refrigeration, Air conditioners, embedded system, robotics etc. 21 M.Tech. students have passed in July 2014. They have got placements in various companies with good salary packages.

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

Project: One student project for M.Tech has been funded by DST, Rajasthan.

ECE – Communication Systems (2 year)
Course Structure


4th Semester: Dissertation Part – II

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


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


4th Semester: Dissertation Part – II.
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, IEE, Indian, ISTE, ISLE etc. The department also conducts various Seminars/Workshops/Conferences from time to time and provide common platform for collaborative learning among students across the country. Numbers of student clubs like zaurat, 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: Same as Chemical Engineering 1st year common to all Engineering streams.
3rd Semester: Field Theory and Circuits, Electrical Machines I, Measurements and Instruments, Network Analysis and Synthesis, Multivariate Analysis, Linear Algebra and Special Functions, Electronic Devices and Systems, Basic Programming and Simulation Laboratory, Measurements and Instruments Laboratory, Electrical Machines Laboratory I, Seminar, Energy Studies, Professional Skills
8th Semester: Industrial Project and Dissertation

M.Tech Power System
Course Structure
4th Semester: Dissertation Part-II

Placement Opportunities
Electrical Engineering is a core branch dealing with the study and application of electricity, electronics, electromagnetism, generation, transmission and distribution of electric power. The electrical engineer works on design, development and testing of power stations, telecom systems and common use applications. It has vast scope of employment in Pvt. (Reliance Energy, Adani Power, Suzlon, Tata Power, JP Hydro, etc.) Govt. (PUNEL, RAPMP, PUNEL, MIPSEB, UPSEL, etc.) and public sectors (BISNL, MTNL, GAIL, NITPC, 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.
The direction in which education starts a man, will determine his future in life.

- Plato
areas within the field of mechanical engineering. Research topics focus on industrial needs. Department also offers Master of Science (Research) with more research content than course content. Strength of department lies in its Ph.D Programme with research scholars pursuing the programme. Department is organized in terms of five groups for academic and administration purpose which are Mechanical Design Group, Production Engineering Group, Thermal Engineering Group, Automotive Group, Mechatronics Group. Department is also running different clubs namely Society of Automotive Engineers (SAE), Robotics, Zenith Aero Engineering club. The department conducts Special/ Invited Talks / Guest Lectures from eminent experts from Industry/ Academia on latest emerging trends in ME industry for the development of students and faculty. The department also conducts various Seminars/ Workshops/ Conferences from time to time and provide common platform for collaborative learning among students across the country. We maintain a very good Students teacher ratio for personal attention and mentoring of all students. Most of the faculties have completed their M.Tech and Ph.d from IITs and NITs.

B.Tech Mechanical Engineering (4 years – Normal Entry, 3 Years- Lateral Entry)
Course Structure
1st Year: Common to all streams as Chemical Engineering,
5th Semester: Design of Machine Elements, IC Engines & RAC, Open Elective - I, Program Elective - I, Program Electives - II, IC Engines & RAC lab, CAD /CAE lab -II, Professional Skills 5, Seminar

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
Automobile engineers are highly in demand nowadays 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, Power plants, Textile industry, Sugar Industry, construction projects, Railways, NBC, Telco, etc. are some of the indigenous automobile manufacturers in the country who are showing interest for 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. Of course, 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, power plants, railways, research laboratories, software development, information technology etc. Some students, with meritorious academic records and amazing skills, had opted for higher studies in both national and international universities.
School of Management, JECRC University impart knowledge skills, communication skills, and entrepreneurial spirit with business etiquette, time and stress management, leadership emphasis on developing interpersonal communication, focuses on students' personality as an individual by laying

**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 TME is a mandatory subject in the curriculum of UG students and hence enables them appear for any competitive exams.
- Students are a part of various clubs like Marketing, Finance and Human Resource which organises various events related to their domain on a regular basis (Ad Mania, Industry interactions, finance and Business quiz, stock trading, personality development etc)
- At SOM the students hone up their skills to be future leaders by participating and organizing various curricular and extra-curricular activities.
- Re-enforcing entrepreneurial skills by interacting with successful entrepreneurs and encouraging innovative business plans coupled with support from angel investors/venture capitalists.
- Guest Lectures by eminent and experienced corporate personalities.
- Student centric teaching & problem solving through tutorials classes.
- Innovations, research and presentations are given utmost importance to groom students and infusing the learning attitude in students.
- The personality development is initiated by which the students are motivated to lead and manage various co-curricular activities, events thereby enhancing managerial skills in them.
- JECRC Foundation has excellent track record of placements in top companies. Ensuing cognitive development of students, I extend my warm welcome to the aspirants.
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.
Seminars & Industries Exposure-School of Management

School of Management aims preparing students for Industry through holistic development. There were many eminent speakers from industry, who enlightened students with their thoughts. During Industry Enlightenment Week and seminar conducted in JU with the theme: “Millennium: Honoring the past, Treasuring the present, Shaping the future”, dignitaries like Mr. Armit Tyagi, Senior Manager HR, JCB; Dr. Prateem Tamboli, Faculty Director, Fortis; Dr. Pramila Sanjuya, Honorary Advisor, SIDART; Mr. Promod Kumar Vayyargiya, 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 grappled their minds during in house competitions of poster making, Ad mania, Talent Hunt, Skit, Extropore and business quiz. With the objective of creating 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, MerCar.com; Prof. Satish C Sharma, CMD, Mahara Group of Institutions: Dr. Muktara Arora, ED, WSHG cum Additional Director SHG-Department of women and child development: Mr. Piyush Bhan, Director of Operations, Salcom Software Development; Mr. Puneet Mittal, Founder, CEO Pratham Software and Mr. R. Girdharan, GM, RBI Jaipur.

Faculty of School of Management

Courses Offered:
- MBA, BBA with KCAP by KPMG
- BCOM, BCOM with KCAP by KPMG

B.Sc. Hospitality and Hotel Management

B.A. Journalism and Mass Communication

MBA Dual Specialization

Course Structure

| Semester IV | Environmental Studies, Dissertation |

Specialization Electives


MEDIA & COMMUNICATION: Media communication Industry overview, MC business functions, General employability excellence, MC Industry analytics functions, MC Industry creative and technology functions.

FINANCIAL PLANNING AND ANALYST:

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

BBA Normal

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.
Our UG program arms the students to pursue future suitable career options for the entrepreneurial graduates and those who would prefer to use their management skills and knowledge in managing themselves and their own resources. Our UG program arms the students to pursue future specialized courses such as MBA, CA, CS, ICWA, etc. The PG students are specialized in dual specialization having knowledge in managing themselves and their own resources. The students due to their hands on and practical experiences by undergoing a summer internship program are equipped to face the domain such as Financial Accountant, Investment Banking, Risk management services, Advisors, Retail Banking, Financial Planners, Business Analysts, Product and Brand Development Managers, Creative heads, Content writers, Project Managers, HR consultants, T&D managers, HR Generalist etc.

Placement at a Glance
JECRC foundation has a strong track record of on campus placements. For the session 2013-14, students were given industrial exposures for placements with Berger Paints, Futures First, Trivium, LNJ Group, Axis Bank, India Mart, ICICI Securities, Asahi India, IDBI Bank, Unique Builders, Web Solutions, Angel Broking, ICICI Prudential, Sanchaytech, Reliance Capital, Rajasthan Patrka, etc.


courses are subject to approval from BDS

Career Opportunities in Hospitality and Hotel Management
Hospitality management graduates are highly employable, applying their skills in careers such as events, hotels and conference management, sales and business development and forestry. Hospitality graduates can find work in catering, conference and events management; in the tourism and leisure sector; the entertainment sector; and in facilities management and food service management. There are also relevant roles throughout the public sector in universities, hospitals, transport and the armed forces.

Bachelor of Journalism and Mass communication
Careers in Mass Communication are not only high paying but attractive and high paying jobs as journalist, actor, director, editor, screenwriter, RJ, producer, VJ are available to the mass communication professional can choose a job. Attractive and high paying jobs as journalist, actor, director, editor, screenwriter, RJ, producer, VJ are available to the talented and trained individuals. India being the largest producer of films in the world has ample opportunities. Technically qualified media professionals can work for TV channels, production houses or can make documentaries on their own.

*Bourses are subject to approval from BDS

Career Opportunities in Journalism and Mass Communication
Mass Communication is not limited to journalism alone. To a great extent mass media is a modern reality which covers all aspects of human life. Moreover, a great change can be observed in the concept of people working in mass media. Careers in Mass Communication are not only high paying but also bring in a great deal of job satisfaction and expression of creativity. A professional course in mass communication offers doors for management, application in roles such as events, films & TV, publishing, public relations, journalism, editing, direction, filmmaking, scriptwriting, production, etc. In nutshell, Mass Communication widens up the horizon of career options for a person. Depending upon personal interest and inclination a mass communication professional can choose a job. Attractive and high paying jobs as journalist, actor, director, editor, screenwriter, RJ, producer, VJ are available to the talented and trained individuals. India being the largest producer of films in the world has ample opportunities. Technically qualified media professionals can work for TV channels, production houses or can make documentaries on their own.

*Bourses are subject to approval from BDS

Placement Opportunities
The pillars of any business are four major functions –Finance, Human Resource, Marketing and Operations. Several offshoots and specializations over time have developed like IT, Analytics, Retail, International Business, Entrepreneurship, and so on but the primary four are still the core ones without which a business cannot run.
Tell me and I’ll forget; show me and I may remember; involve me and I’ll understand.

- Anonymous
School of Sciences is offering following Programmes

<table>
<thead>
<tr>
<th>3.00</th>
<th>School of Sciences</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>3.01</td>
<td>B. Sc. - Hons. - Biotechnology</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>Ment on the basis of qualifying examination.</td>
</tr>
<tr>
<td>3.02</td>
<td>B. Sc. - Hons. - Microbiology</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>Ment on the basis of qualifying examination.</td>
</tr>
<tr>
<td>3.03</td>
<td>B. Sc. Agriculture</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 equivalent.</td>
<td>Ment on the basis of qualifying examination.</td>
</tr>
<tr>
<td>3.04</td>
<td>B. Sc. - Hons. - Genetics</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>Ment on the basis of qualifying examination.</td>
</tr>
<tr>
<td>3.05</td>
<td>B. Sc. - Hons. - One Major out of Physics, Chemistry, Mathematics and two Minors out of Physics, Chemistry, Mathematics, Statistics, Physical Education, Library &amp; Information Science, Botany, Zoology</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>Ment on the basis of qualifying examination.</td>
</tr>
<tr>
<td>3.06</td>
<td>M. Sc. - Biotechnology</td>
<td>2 years</td>
<td>75000</td>
<td>20</td>
<td>Minimum 50% Marks in Bachelor of Science of three duration with pass in Biotechnology/Botany/Zoology and English from a UGC recognised University or equivalent.</td>
<td>Ment on the basis of qualifying examination.</td>
</tr>
<tr>
<td>3.07</td>
<td>M. Sc. - Chemistry</td>
<td>2 years</td>
<td>60000</td>
<td>20</td>
<td>Minimum 50% Marks in Bachelor of Science of three duration with pass in Chemistry and English from a UGC recognised University or equivalent.</td>
<td>Ment on the basis of qualifying examination.</td>
</tr>
<tr>
<td>3.08</td>
<td>M. Sc. - Physics</td>
<td>2 years</td>
<td>60000</td>
<td>20</td>
<td>Minimum 50% Marks in Bachelor of Science of three duration with pass in Physics and English from a UGC recognised University or equivalent.</td>
<td>Ment on the basis of qualifying examination.</td>
</tr>
<tr>
<td>3.09</td>
<td>M. Sc. - Mathematics</td>
<td>2 years</td>
<td>60000</td>
<td>20</td>
<td>Minimum 50% Marks in Bachelor of Science of three duration with pass in Maths and English from a UGC recognised University or equivalent.</td>
<td>Ment on the basis of qualifying examination.</td>
</tr>
<tr>
<td>3.10</td>
<td>M. Sc. - Microbiology</td>
<td>2 years</td>
<td>75000</td>
<td>20</td>
<td>Minimum 50% Marks in Bachelor of Science of three duration with pass in Botany/Zoology/Microbiology/Biotechnology and English from a UGC recognised University or equivalent.</td>
<td>Ment 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/State OBC Non-creamy layer / women category.
Department of Biotechnology

Dr. Hardik Pathak  
Assistant Professor & HOD  
Ph.D, M.Sc  
Biotechnology (I Iore University)  
Experience: 12 Years  
Areas of Interest: Microbial Ecology, Environmental Biotechnology

Ongoing Project
Department has got project entitled “Rural Women Technology Park in Vithani village” (Sanganer Block, Jajpur District, Rajasthan)” from Department of Science and Technology, New Delhi, India. In future, the department will provide advanced technology based knowledge to make students competent for biotechnology companies and the R&D sector to remain competitive in a challenging global environment, while promoting biotechnology-enabled innovation more broadly, across industry and generating opportunities from technology convergence. The department also plans to develop capabilities in students by working closely with the biotechnology sector, to ensure that the right conditions exist in department to develop competitive and skilled personnel that will become a part of R&D base in recognized biotechnology businesses, as well as attract and train innovative people. In future department focus on demand driven development of students to support the biotechnology sector, develop the capabilities and relationships they need to respond to market demand for technology solutions. Capabilities of students will be linked with industry so as to improve linkages between industry and the State’s capabilities, and providing access to technology platforms, information and know-how to facilitate biotechnology enabled innovation.

Courses Offered

B.Sc Biotechnology (3 years)
Course Structure
Semester I – Cell biology, Biological macromolecule, Microbiology, Cyto-genetics lab, Biochemistry lab and basic microbiology lab
Semester II- Metabolic Pathways, Genetics, Bioanalytical technique, Genetics lab, Analytical lab, biochemistry lab
Semester III- Immunology, Genetic Engineering, Medical Biotechnology, Immunological techniques lab, Recombinant DNA technology lab, Medical diagnosis lab
Semester IV- Molecular Biology, Plant Biotechnology, Bio-process Engineering and Technology, Molecular Biology lab, Tissue Culture lab, Fermentation technology lab
Semester V- Proteomics and Genomics, Animal Biotechnology, Environmental Biotechnology, Animal Tissue culture lab, Environmental Biotechnology Lab, Bioinformatics lab
Semester VI- Project, Seminar, Elective paper

B.Sc (Biotechnology as one of the combination)

Semester I- Microbes in our life, Practical lab of basic microbiology and biological molecule
Semester II- Instrumentation and Virology, Practical lab of Virology
Semester III- Immunotechnology, practical Lab of Medical Diagnosis technique
Semester IV- Industrial Biotechnology, practical lab of Food Biotechnology
Semester V- Genetic Engineering, Practical of Recombinant DNA Technology
Semester VI- Animal and Plant Biotechnology, Practical lab of Animal and Plant tissue culture

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 and Plant Biotechnology, Research methodology, bio-statistics, practical Lab on Tissue culture technology, Environmental Biotechnology, Bio-statistics
Semester IV- Dissertation, Seminar

Department of Botany

Dr. Sonali Pandey  
Associate Professor & HOD  
Ph.D (F.B.S), M.Sc  
Experience: 16 Years  
Areas of Interest: Phytoremediation, Bioindicators, Bioterrorizers & Biocides

Botany Department

The Department of Botany was established in 2012. The department is headed by Dr Sonali Pandey having a teaching experience of 15 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. Plant provides aesthetic beauty as well as materials for our basic needs. Today our world faces new and complex problems that were never dreamed of a century ago. Increasing human population is linked to ever increasing food demand and environmental problems. More than many other scientific fields, botany continues to provide opportunities to all. 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, Palaeobotany, Ecology and Physiology are the specialty subjects of Botany. The new offshoots of Botany are Agronomy, Biotechnology, Plant Breeding, Economic Botany, Forestry, Food Science Technology, Horticulture, Forestry and Plant Pathology. Department of Botany offers degree course to undergraduate providing them sufficient knowledge in plant Sciences. The degree programs combine the teaching of core principles with hands-on laboratory experience, preparing students for exciting careers in industry and academia. The syllabus is designed in a way to motivate students for their growth and development of both, students and society. The department also ensures that the students meet current needs and anticipate the future requirements of society. The graduate program is research based, thriving on the broad range of active research conducted by faculty members in the Department. The graduate program follows an intensive course curriculum containing well organized courses in Botany which provides a wide range of opportunities in teaching and public service. The Department regularly conducts a series of seminars prepared by the students for their overall development of professional skills in the students which is now-a-days is the need of the industry and Society. The Department has excellent Lab facilities equipped with latest instruments. The Department has designed a
persuing research on topics viz. Integrated Pest Management and Biological Control, Plant Pathology, Aerolignens of plant origin, Antimicrobial and Biochemical studies of Plants, Stress Physiology, Molecular Biology, Isolation and identification of indigenous biofertilizers, Bioherbicides, identification of potential plants having phytoremediation quality and Phytoplanktons as bioindicators. The Department has received research funding of Rs 2,07000 Lakh to Ms Shreya Khandelwal (Research Scholar) from CSIR-UGC.

B.Sc – Botany (Minor)

Course Structure
Semester I - Cell Biology and Thallophytes and Practical Lab of Algae, Fungi and Basics of Cell Biology
Semester II - Bryophyta, Pteridophyta and Lichens and Practical Lab of Cryptogams and Lichens
Semester III - Genetics and Plant Breeding and Practical Lab on basics of Plant Breeding and Genetics
Semester IV - Morphology, Anatomy and Plant Physiology and Practical Lab on Fundamentals of Anatomy, Morphology and Plant Physiology
Semester V - Gymnosperm, Angiosperm and Paleobotany and Practical Lab on Spermatophytes and Palaeobotany
Vth 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. A person with a mathematical background might find biophysics, developmental botany, genetics, be exciting fields. Someone with an interest in chemistry might become a plant physiologist, plant biochemist or molecular biologist. Plants however, are easier to grow and manipulate. On a larger scale, ornamental horticulture and landscape design requires artistic use of plant form and color. There are frequently separate departments specializing in different applied subdisciplines of botany like: Agronomy (field crops), Horticulture (ornamentals, fruits and vegetables), Microbiology (microbes such as bacteria and fungi) and Plant Pathology (diseases of plants). Plant biologists who enjoy working with people have a wide range of opportunities in teaching and public service.

Many other careers for botanists do not involve teaching or research. 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.
Preparations and Mixture Separation (Practicals), Coordination Compounds and Organometallic Chemistry, Inorganic Preparations and Estimation of Metal ions (Practicals)

Semester VI
Photochemistry and Nuclear Chemistry, Conductometric Analysis (Practicals), Spectroscopy, Spectroscopic Determination of Compounds (Practicals)

B.Sc. Chemistry (Minor)

Semester I
Basics of Chemistry, Acid–Base Titrations and Radical identification (Practicals)

Semester II
Periodic Trends in s- and p-block elements and Basics of Chemical Kinetics, Mixture Analysis and Functional Group identification (Practicals)

Semester III
Coordination Compounds, Aldehydes & Ketones and Thermodynamics, Chromatographic Analysis and Calibrations (Practicals)

Semester IV
Lanthanides, Actinides, Spectroscopy and Chemical Equilibrium, Volumetric Analysis, Identification of Organic Compounds and Conductionometric Analysis (Practicals)

Semester V
Basics of Photochemistry and Electrochemistry, Inorganic Preparations, Organic Mixture Separation and Adsorption Isotherms (Practicals)

Semester VI
Organometallic Chemistry, Heterocyclic Compounds and Elementary Quantum Mechanics, Inorganic and Organic Preparations and Optical Analysis (Practicals)

M.Sc. Chemistry

Semester I (Compulsory to all Specializations)
Compounds of Different Elements, Reaction Mechanism: Structure and Reactivity, Quantum, Surface and Electro Chemistry, Mathematics, and Computers for Chemists, Qualitative and Quantitative Analysis (Practicals)

Semester II

Semester III
Green Chemistry (Compulsory to all Specialization)
Organic Chemistry Specialization: ORGANIC SYNTHESIS, HETEROCYCLIC CHEMISTRY–I, NATURAL PRODUCTS, Multi-step Synthesis (Practicals), Seminar

Inorganic Chemistry Specialization: PHOTONORGANIC CHEMISTRY AND X-RAY DIFFRACTION, BIOINORGANIC CHEMISTRY, ORGANOTransition METAL CHEMISTRY, Spectrophotometry (Practicals), Seminar

Physical Chemistry Specialization: ELECTROANALYTICAL TECHNIQUES, ELECTROCHEMISTRY, CHEMICAL KINETICS, Thermodynamical Studies (Practicals), Seminar

Semester IV
Model-1
Research Methodology (Compulsory to all Specialization)
Organic Chemistry Specialization: Disconnection Approach, HETEROCYCLIC CHEMISTRY–II, NATURAL PRODUCTS, Multi-step Synthesis (Practicals), Seminar

Inorganic Chemistry Specialization: ORGANOTransition METAL CHEMISTRY II, BIOINORGANIC POLYMERS, MINERAL BASED INDUSTRIAL CHEMISTRY, Flame Photometric and Flame Photometric Determination (Practicals), Seminar

Physical Chemistry Specialization: ELECTROCHEMICAL ANALYSIS, ELECTRO-CHEMISTRY–II, CHEMICAL KINETICS, Polargraphy and Chemical Kinetics (Practicals), Seminar

Model-2
An industrial training of One Month and Project Work (under the Guidance of A Faculty Member) PhD. In Chemistry

We are offering PhD in the areas: Synthetic Organic Chemistry, Green Chemistry, Drug discovery and Molecular Designing, Water Pollution and Prevention Chemistry: In special references of Fluoride, Heavy Metals and Dyes, Biopolymers and Blending with Green Additives, Corrosion and its prevention, Applications of Nanotechnology in developing Epoxides, Natural Products and Ultrasound & Sonochemy.

Placement Opportunities

A chemistry graduate is eligible for all competitive exams and other relevant jobs in which graduation level theoretical and practical knowledge is required. A post-graduate can opt Chemical based industries or can prepare for competitions including CSIR-UGC NET, GATE etc. for choosing career in teaching or research. For placements in industries we provide time to time assistance to our students, arrange special Industrial trainings and industrial visits.

Reasons 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.
- The 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 Theorench Research Lab, which is very well equipped with the latest instruments and software in the field of advanced research.

Courses Offered

B.Tech. 1 Year –Engineering Chemistry (Common to All Branches)

Course Structure

Semester I
Water and its Treatment, Polymers, Organic reaction mechanism, Surfactants, Lubricants, Phase Rule, Instrumental Techniques and practicals of Water and Lubricant Quality analysis.

Semester II
Electrochemistry, Corrosion, Fuels and combustion, Nanomaterials, Green Chemistry and practicals of Fuel Quality analysis and Experiments based on Survicemeter.

B.Sc. Chemistry (Major)

Semester I
Hydrocarbons, Reaction Mechanisms and Stereochemistry, Chemistry of s and p-block elements, Element and Functional Group Detection (Practicals), Mixture Analysis (Practicals)

2nd Semester

Semester III
Alcohols, Aldehydes and Ketones, Chromatographic Analysis (Practicals), Nonaqueous Solvents and Transition Metals, Titrimetric Analysis (Practicals)

Semester IV
Phase Equilibria and Surface Chemistry, Acid–Base Analysis (Practicals), Analytical Chemistry, Estimations and Calibrations (Practicals)

Semester V
Acid Derivatives and Heterocyclic Chemistry, Organic
equipped with latest Analytical tools and techniques of International standard. Students working there become true members of internationally renowned multidisciplinary research teams.

- The Chemistry MSc programme offers ample opportunities for research projects in distinguished National/International groups or in an industrial environment.

- The high standard of education ensures excellent job prospects in teaching, research or industry.

52nd Annual Convention of Chemist 2015 & International Conference on recent advances in Chemical Sciences  

52nd Annual Convention of Chemist 2015 & International Conference on Recent Advances in Chemical Sciences was organized and hosted this year by JECRC University during 28th-30th December 2015. This three Days DST and DRDO sponsored event organized by Indian Chemical Society in collaboration with JECRC University, Jaipur. Inauguration function starts with traditional welcome of guests at gate of seminar hall. President JECRC University, Prof. Victor Gambhir, President Indian Chemical Society, Prof. R.N.Prasad; Chief Guest, Sh.Amit Agrawal ji also give his welcome speech where he mentioned that foundation feel great pleasure to serve Indian Chemical Society in JU campus. ICS Secretary, Prof.D.C.Mukherjee gives a brief introduction of three day programme and also mentions functioning of the society. He said that more than 500 delegates from all over the country are participating in the conference. According to him, various new trends in recent advances of chemistry were going to be discussed during these three days. Proceedings of the Annual Convention of Chemists and ICRACS were released in a form of abstract booklet by all the respective guests on the stage. Prof.D.C.Mukherjee announces the life time achievement awards to scientists. Chief Guest, Prof.V.Krishnan in his speech said that chemistry is a mother of all branches, Chemistry is so much related with our day to day activity that we cannot think without chemistry for a moment. Guest of Honour, Prof.A.K.Singh also motivates all the researchers from his speech. He emphasized on basic knowledge generated by chemistry which is related to mankind in various aspects.

Department of Mathematics & Statistics

Dr. Abhay Kumar Jha  
Associate Professor & HOD  
M. Sc. (Mathematics/Statistics)  
B. Sc. (Hons.)- University of Rajasthan  
M. Sc., University of Rajasthan  
Ph.D., University of Rajasthan  
Teaching Experience – 14 Years  
Research Area - Fluid Mechanics, Heat Transfer

Courses offered
M. Sc. (Mathematics/Statistics)  
B. Sc.

Departmental Activities

Invited Talks
1. Prof. (Padma-Bhusan/Padma Shree) M. S. Raghunathan
   Institute: Tata Institute of Fundamental Research (TIFR); and IIT Bombay
   Title of the Talk: Mathematics of India in the Last Century  
   Date: 14th March, 2013.

2. Prof. (Dr.) Jugal Verma
   Institute: IIT Bombay  
   Title of the Talk: Geometry of Polygons and their Algebraic Understanding  
   Date: 14th March, 2013.

3. Prof. (Dr.) S. G. Dani
   Institute: Tata Institute of Fundamental Research (TIFR); and IIT Bombay  
   Title of the Talk: Pi and Square Root of 2: Unknown Aspects  
   Date: Tuesday the 25th June, 2013.

About the talk: Prof. Dani in a lecture talked about Sulva Sutras in the tradition of Mathematics in India. He also talked about the contribution of ‘Kerala school of Mathematics’ and ‘Pythagoras Theorem’ and the origin of formula of ‘Pi’. He emphasised on length that the famous Pythagoras Theorem was known to Indians as ‘Bodhayana Ka Prameya’. He stressed the need for youngsters to take up challenges in Fundamental Mathematics ahead.

4. Prof. (Dr.) Joydeep Dutta
   Institute: IIT Kanpur  
   Title of the Talk: Magic and Mystery in Mathematics  
   Date: 8th August, 2013

5. Prof. D.S.Hooda
   Institute: Jaypee University of Engineering & Technology  
   Title of the Talk: Number Theory  
   Date: 22nd September, 2012

6. Prof. G.C. Sharma
   Prof. G.C. Sharma the ex–vice chancellor of Agra University conducted one day seminar on Basic Mathematics.
Conference

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

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

ICHDM-2013 is intended to provide a common platform for researchers, scientists, engineers and other interested professionals around the world to present their latest findings, ideas, developments and applications covering aspects of the History and Development of Mathematical Sciences including Mathematics, Statistics, Operations Research and Computer Science.

Key Speakers in ICHDM 2013

Amongst distinguishes eminent scientists who participated in the conference and delivered plenary and invited talks were:

- Prof. Dinesh Singh (Vice-Chancellor, University of Delhi)
- Prof. V. Kannan (Pro Vice-Chancellor, Hyderabad Central University, Hyderabad)
- Prof. V. N. Sharma (Wiscosin University, USA)
- Prof. Rama Murthy (Queen's University, Canada)
- Prof. S. G. Dani (IITD and IIT Bombay)
- Prof. Jugal Verma (IIT, Mumbai)
- Prof. V. D. Sharma (IIT Bombay, Mumbai)
- Prof. Kim Plofker (Schenectady, USA)
- Prof. Athanase Papadopoulos (Paris, France)
- Prof. Clemency (Oakland, New Zealand)
- Prof. Sri Ram (University of Madras, Chennai)

B.Sc. – Mathematics Major (3year Normal Entry)

Course Structure

1st Semester: Discrete Mathematics, Differential Calculus, Number Theory.

2nd Semester: Algebra, Integral Calculus, Combinatorial Mathematics.

3rd Semester: Real Analysis, Differential Equations, Vector Calculus.


5th Semester: Abstract Algebra, Three Dimensional Geometry, Linear Programming.

6th Semester: Complex Analysis, Linear Algebra, Differential Geometry & Tensor Analysis.

B.Sc. – Mathematics Minor (3year Normal Entry)

M.Sc. – Mathematics (2 year Normal Entry)

Course Structure


3rd Semester: Hydrodynamics, Normed Linear Spaces & Theory of Integration, Numerical Analysis.

ELECTIVES (Any two of the following)


ELECTIVE (Any three of the following)*


Placement Opportunities

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

Seminar on Maths

Advance Training in Mathematics (ATM) Schools started by joint efforts of a large number of mathematicians across the country, with support from the National Board of Higher Mathematics and presently under National Centre for Mathematics. The programs are conducted in reputed mathematics department in the summer and winter every year.

The emphasis in these Schools is on solving problems, and on the relation between the basic areas of mathematics. The Annual Foundation Schools (AFS) and the Advanced Instructional Schools (AIS) are intended mainly for Ph.D. students and lecturers. The objectives of Annual Foundation Schools (AFS) is to bring up students with diverse background to a common acceptable level in modern mathematics so that they are prepared for attending the AIS’s.

Any student who wishes to attend advanced instructional schools is strongly encouraged to enroll in the AFS’s first. Annual Foundation School which were held in three different locations across country.

- 30th Nov to 29th Dec at JECRC University, Jaipur and Bhaskaracharya Pratishthan, Pune
- 1st Dec - 29th Dec at Tezpur University, Assam

Invited Speakers

- M. S. Raghunathan (Special talk) On Inverse Function theorem
- Parvati Shastri (Mumbai Uni. (ARS))
- Anant R. Shastri (I.I.T. Bombay)
- B. Subhash(NIT Tirupati (KRR))
- K. Ramesh(ISI Bangalore)
- Anand Prakash Singh(Central Uni. Rajasthan)
- A. Tiken Singh(NIIT, Shillong)
- Ritumoni Sarma(IIT. Delhi)
- Parasur Moholi(G.T.Kanpur)
- Srijit Kumar(IITB Bangalore (ID))
- Devendra Kumar(JECRC)
- Monika Jain(JECRC)

Department of Microbiology

Microbiology Department

The Microbiology Department was established in 2012. The department is headed by Dr. Seema Bhadauria having a total teaching experience of 10 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 broad spectrum research that encourages entrepreneurship and economic development to benefit our society worldwide. Department of Microbiology offers graduate and post graduate degrees for undergraduates and graduates in area of Sciences. Our faculty and staff have a primary responsibility for the teaching of microbiology to graduate microbiology course and associated laboratory. We also offer advanced courses for postgraduate program. All degree programs combine the teaching of core principles with hands-on laboratory experience, preparing students for exciting careers in industry and academics. Our primary objectives are: 1. to produce highly qualified and competent majors in the selected microbiology areas, 2. to develop and maintain a strong and supportive research program to complement our teaching with the extended help of Theracem Research Lab and 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. A good team of faculty members having a proven academic excellence with international publications in their respective field of specialization is contributing well in conducting post doctoral programmes at the University. Three faculties, all Ph.D's and NET and SLET qualified are highly efficient in cutting-edge research in the areas of Medical Microbiology, Biochemistry and Environmental Microbiology.
Courses Offered

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

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

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

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

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

5th Semester: Microbial Physiology, Food microbiology, Bioinformatics and Microbial Physiology Lab, Food Microbiology Lab, Basics of Bioinformatics Lab, Industrial Visit.

6th Semester: Industrial Microbiology, Medical Microbiology, Research Methodology and Industrial Microbiology Lab, Medical Microbiology Lab, Research Methodology Workshop, Project Work.

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

Course Structure


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

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

4th Semester – Dissertation, Review report and Seminar. Research at 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:

- Isolation, characterization and extraction of secondary metabolites showing antimicrobial activity against nosocomial infections from mesophilic soil of Rajasthan.
- Search for novel antimicrobial agents producing microorganisms from rhizospheric actinomycetes of Rajasthan.
- Clinico microbial identification and characterization of dermatophytes and mrsa in Jaipur.
- Isolation, identification and control of nature’s keratin degrading organisms from various habitats of Rajasthan.
- Production of biosurfactant from Bacillus subtilis and its role in bioremediation of hydrocarbons.

Career Opportunities

The need for qualified Microbiologists continues to grow, both for basic research and practical applications. Microbiologists are needed across many industries, including in 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. They may study practical applications of microbiology, such as biotechnology, medical microbiology or industrial microbiology. A Degree in Microbiology does not always mean that you have to work in a laboratory. Some microbiologists teach at universities and other schools. Those with an interest in journalism can obtain a job as a science writer. Microbiologists can also combine their education and experience with other degrees, such as law or business. They may find mostly office-based positions in legal, legislative or corporate environments.

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 and beverage industries, and manufacturing companies. Many microbiologists conduct research in laboratories, as well as work in offices, where they write up the results of their experiments. Academic microbiologists often teach classes, in addition to conducting their own research.
Department of Physics

Dr. Aalok
Professor & HOD
Ph. D., M.Sc.
Experience: 19 Years
Research Interests: Quantum Gravity and Quantum Information

Department of Physics

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

Department of Physics offers various courses at undergraduate as well as postgraduate level. Applied Physics for Engineering Students:

The curricula of the courses Applied Physics-I and Applied Physics-II have been designed to lay the foundation of engineering education in JECRC University. On one hand techniques based on Ultrasonic and Acoustics have been introduced and the syllabus is tuned with the pace of the contemporary higher education and engineering education in specific, on the other hand, the courses intend to impart a wide and comprehensive base for engineering students. The courses in Laser, Holography and Optical Communication address not only the issues of relevance to the contemporary technologies but also the futuristic scenario. The Nobel Prizes for Physics in the year 2005 and 2011 echo this sentiment of continuous relevance of these techniques. Similarly, Nuclear Energy is the need of the hour and the success of Global Positioning System (GPS) is endorsement of the importance of Special Theory of Relativity (STR) in the syllabus. The contents of Quantum Mechanics assure us of comprehensive technical education. A unit on "Giant 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 objectives of this course have been laid down with this very spirit. We have prescribed "Ten Great Experiments in Physics" as part of curricula 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 the way for Upcoming 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/ Astrophysical Physics and Weather Science/ Quantum Information Sciences/ Energy Studies etc.

Bachelor of Science (B.Sc.) Programme

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

Courses offered by the Department and special papers

M. Sc. Physics Programme

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

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

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

Semester IV:

B. Sc. Physics (Physics Major) Programme

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

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-I: 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.

Department of Zoology

Zoology Department

The Department of Zoology was established in 2012. The Department is headed by Dr. (Mrs) Rajesh Yadav, having a teaching experience of 15 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 study 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, environmental management, the emerging biotechnologies, publishing, teaching, research and consultancy. In this course, the student gains an in-depth study of various invertebrate and vertebrate species. The purpose of this course is:

- To acquaint students with the identification, systematics,
The demand for B.Sc. in genetics is very high in the market. and their adaptability by nature, human genetics and cloning. evolution histories, genetic abnormalities due to pollution and understand role of gene in different aspects of life like research. The deep knowledge helps the candidate to a detailed and indepth study with knowledge of day to day enzymes makes it more interesting. Thus the course requires functioning. The knowledge of associated proteins and Study of genetics provides the indepth knowledge of B.Sc – Genetics

<table>
<thead>
<tr>
<th>Total No. of Assistant Professor: 02</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total No. of Faculty Member: 02</td>
</tr>
<tr>
<td>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, so as to slow down and prevent the emergence of drug resistant strains. Also to reduce the frequency of food borne diseases caused due to the consumption of raw and uncooked animal products. The department offers a Three year degree course in Genetics (Honours) &amp; Zoology.</td>
</tr>
<tr>
<td>B.Sc – Genetics (3 year Course/ Six Semesters)</td>
</tr>
<tr>
<td>B.Sc. genetic deals with the study of genes and genetic material. It is basically the study of going into the deep knowledge of the nucleus up to the level of genes. Study of genetics provides the indepth knowledge of chromosomes, DNA, RNA and gene-organization and functioning. The knowledge of associated proteins and enzymes makes it more interesting. Thus the course requires a detailed and indepth study with knowledge of day to day research. The deep knowledge helps the candidate to understand role of gene in different aspects of life like evolution histories, genetic abnormalities due to pollution and other mutagens, forming new genetically modified organisms and their adaptability by nature, human genetics and cloning. The demand for B.Sc. in genetics is very high in the market.</td>
</tr>
<tr>
<td>Placement opportunities</td>
</tr>
<tr>
<td>The candidate having the detailed knowledge of live nucleus is required in every field related to biology. Graduates in genetics are in great demand in the whole world as the career prospects are bright with options such as teaching, medical and pharmaceutical industries, agricultural sector and in research and development. The fields of genetic engineering for forming improved genetically modified crops like golden rice or BT cotton, or forming modified strains of E.coli to produce insulin for patients of diabetes. The enzyme producing industries, pharma industries even the food and beverage industries require equipped hands in genetics. Jobs awaiting for a graduate in Genetics fall in following categories– Lecturer, Consultant, Museum Educator, Biotech Engineer, Pharmaceuticals, Food Processing, Researcher, Biophysicist, Epidemiologist, Scientist, Immunologist, Nutritionist, Laboratory Technician, Biology Content Developer. 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 career, the person specializing in the field is a zoologist. On being a part of this field, one studies the behaviour, 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. Not only this, few other people who are zoologists by nature; Animal Behaviourists, Animal breeders, Animal Trainers, Animal Caretakers, Animal and Wildlife Educators, Animal rehabilitator, Conservationists, Documentay Maker, Forensic Experts, Lab Technicians, Researcher, Wildlife Biologists, Veterinarian, Zoo keeper, Zoo Curator, and many more.</td>
</tr>
</tbody>
</table>
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 imperative knowledgeable course for improving the traditional agriculture practices and provide better yield by involving advance and scientific approaches without affecting the environment. The curriculum is designed 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 career in national laboratories, Universities and industry. The duration of the program is 4 years. Each academic year is divided into two semesters with a total of 8 semesters. The entire curriculum also includes seminar, project, study tour, experimental learning etc.. Classes that may be taught in an agricultural education curriculum include horticulture, land management, turf grass management, aquaculture, machine shop classes, cropping machinery, livestock management, biology courses etc. It also covers the sales strategy, marketing plans and devising a budget.

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 (Agribusiness Management) etc.

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

Semester I
- Introductory agriculture and Principle of agronomy
- Principles of genetics
- Agricultural microbiology
- Principles of agricultural economics
- Fundamentals of soil science
- Introductory Entomology and Nematology
- Introductory Plant pathology
- Field crop diseases and management
- Elementary plant biochemistry and chemistry of plant products
- Fundamentals of horticulture
- Principles of Plant breeding
- Fundamentals of rural sociology and educational psychology
- Fundamentals of soil and water conservation engineering
- Agricultural meteorology, Soil chemistry, soil fertility and nutrient management
- Principles of Seed Technology
- Dimensions of agricultural extensions
- Production technology of vegetables and flowers
- Productions economics and farm management
- Farm power and machinery
- Manures and fertilizers
- Production technology of fruits and plantation crops
- Statistics
- Crop physiology
- Field crops (Kharif and Rabi)
- Weed and integrated pest management and beneficial insects
- Rainfed agriculture, Irrigation and water management
- Fundamentals of agricultural business management and entrepreneurship development
- Soil survey, land use planning and remote sensing
- Livestock production and management
- Principles of plant biotechnology
- Crop Production and Allied Disciplines
- Advanced Seed Technology Vermicomposting and Organic farming: Soil, Plant and Water Analysis
- Plant Sciences and Plant Protection
- Advanced Seed Technology Bio-agents and Integrated Disease Management Detection and Management of seed borne pathogens Bio-control agents and Biopesticides Plant Growth regulators in Agriculture
- Social Sciences
  - Marketing Management Project Formulation, Evaluation and Monitoring
  - Natural Resource Economics and Management
  - Visuals and Graphic Communications Govt. Policies and Programmes on Agriculture
- Crop Protection
  - Noninsect Pests Management Economic Entomology
  - Commercial Mushroom Cultivation Bio-agents and bio-pesticides Pesticides and Plant Protection equipment
- Horticulture
  - Commercial Olenericulture Commercial Floriculture Commercial Pomology Nursery Management Protected Cultivation and Seed Production
- Post Harvest Technology and Value Addition
  - Post Harvest Technology of Horticultural crops Processing of Spices, Plantation, Storage Management of Horticultural Crops
  - Post Harvest Handling of cut and Dry Flowers Processing of Field Crops Including Biodiesel
- Agri-business Management & Entrepreneurship
- Basic Science
  - Molecular Breeding Plant Tissue Culture Recombinant DNA Technology Bio-Informatics Microbial & Environmental Technology Molecular Diagnostics
- Commercial Agriculture
  - Commercial Floriculture Commercial Fruit Production Nursery Management of Horticultural Crops Commercial Cultivation of Medicinal & Aromatic Plants Commercial Spices Production Production Technology of Economic Forest Plants Commercial Seed Production
- Rural Agricultural Work Experience (RAWE)
  - Programme
  - Orientation
  - Research Station/KV/ including village attachment and In-situ interaction of farmers, students and research scientist/situ interaction of farmers, college faculty and students
  - Industrial Attachment /Skill Development/Experiential Learning Courses
  - Educational Tour
  - Project Report Preparation and Evaluation

*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
- Breeders
- Bankers & Insurance executive
- Food industries
- Fertilizer companies
- Environmental Manager
- Fish farm manager
- Soil Chemist
- Animal nutritionist
- Field trials officer
- Agriculture Magazine journalist
- Newspaper journalist
- Sales executive
- Extension specialist
- Village Labour Extension Worker in Panchayats & blocks
- Agrochemical sales personal
Clubs and associations facilitate curiosity and manifest the right attitude in students towards a successful life.
SCHOOL OF LAW

Prof. Mahesh Koolwal
Dean & Director SoL
Ph.D. (Tax & Personal Law)
LL.M., M.A. (Econ.)
Dip. In Russian French German
Experience: 30 years
Member-Regional Direct Tax
Advisory Committee, Ministry of
Finance, Govt. of India

Message of Director and Dean, SoL
Welcome to JECRC University (JU) School of Law (SoL)
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.
Our attempt to bring excellence in students by nurturing their
attitude to become smart, honest and committed Lawyers.
Such dynamic Lawyers ought to have a comprehensive and
holistic understanding of the application of law to the facts of
the case, and in smartly presenting their cases.
JU is committed to make SoL as the best known law institute
with a vision of becoming a global leader in researching,
educating and developing the art and science of law for the
betterment of humanity. The Teaching method adopted is to
promote multi-disciplinary inquiry and practical appreciation of
problems and it involves lectures, discussions, case studies,
Moot Courts and Project Work.
Faculty at the law School are very accessible with an
excellent faculty-student ratio, the law school provides an
exciting opportunity for the students to interact with the
teachers. Project assignment is another component of each
course that requires both literature survey and field
investigations. These methods help in improving research
skills, analytical abilities as well as communication skills of
the students.
Second Semester
Jurisprudence- I, Constitutional Law – I, Indian Penal Code – I,
Labour Law – I, Administrative Law
Forth Semester
Jurisprudence – II, International Law – II, Indian Penal Code – II,
Labour Law – II, Law of Taxation
Fifth Semester
Civil Procedure Code (CPC) – I, Code of Criminal Procedure
(CPC) – II, Professional Ethics, Pleading & Conveyancing,
Evidence
Sixth Semester
Civil Procedure Code (CPC) – II, Code of Criminal Procedure
(CPC) – II, Public Interest Litigation (PIL), Environmental Law,
Land Law

LLB. (3 Year)
First Semester
English – I, Computer Science – I, Psychology – I, Economics – I,
Indian Legal History, Law of Tort – I
Second Semester
English–II, Computer Science–II, Psychology–II, Economics–II,
Right to Information, Law of Tort – II
Third Semester
English–III, Constitutional Law, Political Sciences, Contract–I,
Foreign Language–I (French), Banking Law
Fourth Semester
English–IV, Constitutional Law, Political Sciences, Contract–II,
Foreign Language–II (French), Public Interest Lawyering

B.Com. LLB. (Hons.)
First Semester
English, Computer Science, Economics, Business
Management, Indian Legal History, Law of Tort–I
Second Semester
English, Computer Science, Economics, Business
Management, Right to Information, Law of Tort–II
Third Semester
English, Constitutional Law, Financial Accounting, Contract–I,
Foreign Language –I (French), Banking Law
Fourth Semester
English, Constitutional Law, Cost Accounting, Contract–II,
Foreign Language –II (French), Public Interest Lawyering

B.B.A. LLB. (Hons.)
First Semester
English, Computer Science, Economics, Principles of
Management, Indian Legal History, Law of Tort–I
Second Semester
English, Computer Science, Economics, Principles of
Management, Right to Information, Law of Tort–II
Third Semester
English, Constitutional Law, Business Strategy, Contract–I,
Foreign Language –I (French), Banking Law
Fourth Semester
English, Constitutional Law, Managerial Economics,
Contract–II, Foreign Languages (French), Public Interest
Lawyering

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

Fifth Semester
Jurisprudence – I, Trust, Equity and Fiduciary Relations, Family
Law, Labour Law, Company Law, Forensic Science &
Criminal Investigation
Sixth Semester
Jurisprudence–I, Interpretation of Statutes & Principles of
Legislation, Family Law, Labour Law, Company Law, Health
Law (Medical Jurisprudence)
Seventh Semester
Law of Property, Patent Law, Administrative Law,
Public International Law, Law of Crimes –I (IPC), Principles of
Taxation
Eighth Semester
Land Acquisition Laws & Rajasthan Land Law, Alternative
Dispute Resolution, Law of Crimes–II, C.P.C–I, Law of
Evidence, Public International Law
Ninth Semester
C.P.C–II, Competition Law, M.A. Private International Law,
Drafting, Pleading and Conveyancing, C.P.C–II, Insurance Law
Tenth Semester
C.P.C–II, Human Rights Law and Practice, Cyber Laws,
Criminology, Penology and Victimology, Environmental Laws,
Professional Ethics & Accounting

2.00 School of Law Duration Annual Academic Fee In-take Minimum Eligibility Criteria for Preparation of Merit List
2.01 B.A LL.B (Hons.) 5 years 62000 60 Minimum 50% Marks in 10+2 examination from a UGC
recognized University or equivalent.
Second Semester
Jurisprudence- I, Constitutional Law – I, Indian Penal Code – I,
Labour Law – I, Administrative Law
Forth Semester
Jurisprudence – II, International Law – II, Indian Penal Code – II,
Labour Law – II, Law of Taxation
Fifth Semester
Civil Procedure Code (CPC) – I, Code of Criminal Procedure
(CPC) – II, Professional Ethics, Pleading & Conveyancing,
Evidence
Sixth Semester
Civil Procedure Code (CPC) – II, Code of Criminal Procedure
(CPC) – II, Public Interest Litigation (PIL), Environmental Law,
Land Law

BA LLB. (Hons.)
First Semester
English – I, Computer Science – I, Psychology – I, Economics – I,
Indian Legal History, Law of Tort – I
Second Semester
English–II, Computer Science–II, Psychology–II, Economics–II,
Right to Information, Law of Tort – II
Third Semester
English–III, Constitutional Law, Political Sciences, Contract–I,
Foreign Language–I (French), Banking Law
Fourth Semester
English–IV, Constitutional Law, Political Sciences, Contract–II,
Foreign Language–II (French), Public Interest Lawyering

B.Sc. LLB. (Hons.)
First Semester
English – I, Computer Science – I, Physics – I, Chemistry – I,
Indian Legal History, Law of Tort – I
Second Semester
English–II, Computer Science–II, Physics–II, Chemistry–II,
Right to Information, Law of Tort–II
Third Semester
English–III, Constitutional Law, Chemistry–II (Industrial
Chemistry), Contract–I, Foreign Language–I (French), Banking
Law
Fourth Semester
English–IV, Constitutional Law, Chemistry–II (Forensic
Chemistry), Contract–II, Foreign Language–II (French), Public
Interest Lawyering

Fee for Integrated Law:
Note: Approval in Process

2.05 LL.B (Three years) 3 60000 60 Minimum 55% Marks in Bachelor Degree of three year duration from a UGC
recognized University or equivalent.
Merit on the basis of Qualifying exam.

2.04 BBA LL.B (Hons.) 5 years 62000 60
Minimum 50% Marks in 10+2 examination from a UGC
recognized University or equivalent.
First preference shall be on the basis of Merit in
CLAT-2016 and seats
remaining vacant Merit on the basis of qualifying examination

Fee for Integrated Law:
Note: Approval in Process
Homo Sapiens since inception have showcased their creativity through various objects designed by them for decorating either themselves or their homes. If we look at the evolution of human beings since stone age we will find very interesting objects and 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. However the creativity and design education has changed tremendously over a period of time and has taken altogether a new shape today owing to the vast development in technology. Modern desktop computers and laptops are capable of high resolutions and millions of colour combination. Thousands of softwares are available for designing various objects and paintings using which an amateur can create wonderful eye catching objects. Industry, Trade and Commerce is highly dependent on Designers to create innovative products, packaging materials, advertisement, brochures, films, garments, apparels and pamphlets etc. Jaiyur is one of the largest commercial hubs having a very strong market in Gems & Jewelry, Textiles and Apparels, Tourism, Hospitality and Hotels etc. School of Design intends to provide the contemporary design education having a very strong market in Gem & Jewelry, Textiles and advertisement, brochures, films, garments, apparels and pamphlets etc.

Courses offered

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

<table>
<thead>
<tr>
<th>2.0</th>
<th>School of Design</th>
<th>Duration</th>
<th>Annual Fee</th>
<th>Minimum Eligibility Criteria</th>
<th>Criteria for Preparation of Merit List</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.01</td>
<td>B. Sc. in Jewellery Design &amp; Manufacturing</td>
<td>3 years</td>
<td>60000</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>2.02</td>
<td>B. Sc. in Interior Design</td>
<td>3 years</td>
<td>60000</td>
<td>60</td>
<td></td>
</tr>
<tr>
<td>2.03</td>
<td>B. Sc. in Graphic Design</td>
<td>3 years</td>
<td>60000</td>
<td>60</td>
<td></td>
</tr>
</tbody>
</table>

Course structure

B. Sc. in Jewellery Design & Manufacture

Semester II: Basic design – II, Basic manufacture – II, History of Jewellery, Export procedure, Environment studies
Summer Internship : 8 weeks
Semester V: Technical Design, Merchandising, Retail Management, Branding
Semester VI: Projects

B. Sc. in Interior Design

Semester V: Thesis, Project report, Viva
Semester VI: Internship, Project, Dissertation, Viva

B. Sc. in Graphic Design

Semester IV: 3D Animation-II, Special Effects (SFX), Post Production, Introduction to Cinematography & Lights Management Information Systems, Introduction to TV & Satellite Communication
Semester V: Production Process, Media Economics, Communication Research, Elective-I:Modelling & Texturing/ Lighting & Shading, Elective-II:3D Animation / Game Art, Introduction to Digital Image Processing Industrial Training
Semester VI: Digital Film Production, Visual Perception, Project & Dissertation
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 Application Brochure from JECRC University Campus and submit hard copy of the Application Form duly filled either in person in the Admission Department or through post / courier. However, in case the Application Form is submitted by post / courier, the University shall not be responsible for late receipt of the same. The Application Form must reach in the University on or before the last date of submission as given in the Admission Calendar, to the below mentioned address:

Director Admission,
JECRC University, Plot No. IS-2036 to 2039, Ramchandrapura, Sitapur Industrial Area Ext., Vidhan Sai, 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 Online Application Form carefully on the opening page after you click 'Apply Now for Admission' Tab on the JECRC UNIVERSITY Website Home Page.

Keep a Digitized Photograph ready on your Computer Desktop for size 100 x 100 pixels, not more than 80 KB memory, 45mm x 45mm in size of a formal dress against plain background.

Avoid photographs in T-Shirts / Tops / Flasy Cloth because this photograph will be for your identity card.

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

3. Notification of Schedule for Physical Counseling for Admission

Look for notices / alerts before 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 Marksheets / Provisional Certificate / Diploma Certificate of the qualifying examination.
- Character Certificate from the institution last attended.
- Result card of the relevant entrance examination.
- 4 passport size colored photographs in formal dress.
- SC/ST/State OBC 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.

Aspire to take the seats at 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 testimonial / 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. Cancellation 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 BTech Program the merit list shall be prepared on the basis of JEE – Main 2016 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 admission form as soon as the results are declared by the respective examining bodies. Those students who fail to supply any of these results shall go down in the merit list as the case may be.

The ranks in the respective Merit Lists shall be available on JECRC UNIVERSITY Website against Application number printed on the Application Form or generated by the system at the time of submission of online application in case of online submission.

For UG Programs, admission shall be made only if the Candidate has 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 31.10.2016. For the purpose of preparation of Merit List, the marks scored upto final year of the qualifying examination shall be considered for those whose result has not 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 cutoff 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 50.0 and above shall be rounded off to 1. However relaxation of 5% marks in minimum eligibility criteria shall be given to the candidates from Women / SC/ST / State OBC Categories, although there is no reservation of any kind except for NRRs for whom 15% of the total seats in all programs are reserved.

6. Payment of Fees

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

- First Instalment: On the time of admission
- Second Instalment: On or before 15th November 2016

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.

7. Late Fee Payment

Those students who fail to deposit fee by the due date shall be levied a fee of Rs. 100/- per day including Sunday / Holidays up to 15 days. The name of the those students, who fail to deposit the fee with requisite fine within 15 days from the due date as mentioned above, shall be struck off from the rolls of the University immediately thereafter. However, such students may be re-admitted with the approval from Dean / Director of the School concerned after they deposit Rs. 2000/- as re-admission charges along with the fees and fine Rs. 1500/-.

8. University mandate for admission

- Students 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 Advance for which he / she must obtain an acknowledgement.
- The fee deposited by such a candidate shall be refunded after deducting Rs. 500/- provided the candidate has submitted Withdrawal Application up to the first day of commencement of classes. In case, such a fee cannot be refunded, the fee shall be made within 30 days from the final cut off date of admission, through cheque in favor of the Candidate only and sent at the address correspondence through recorded delivery. In case, admission is withdrawn by the student after start of classes but before final cut off date for admission, refund of the fee shall be made by deducting the amount on pro-rata basis with calendar month as unit. If the admission is withdrawn by the student after the final cut off date of admission, no refund of fee shall be made.
- A student admitted in the University shall be required to pay fee for the entire duration of the course on annual basis in two installments. If a student is detained on account of shortage of attendance, he / she shall be required to register for that particular subject in Summer Semester and deposit fee again @ Rs. 7500 per theory subject and Rs. 5000 per lab subject in case of B Tech/M Tech / MBA Programmes and Rs. 5000 per theory / lab subjects in other programmes.
More than 5000 students and staff members at JECRC Foundation participated in VOICE of UNITY, an initiative by Govt. of Rajasthan.

JECRC at the feet of Krishna - JECRC Foundation's entire staff paid homage at Girrirajji Mathura.

Bring a life back to power! JECRC Foundation managed to collect many units of blood during the Blood Donation Camp.

Shri Anil Agarwal, Chairman - Vedanta Group is seen in conversation with Shri O. P. Agrawal, Chairman - JECRC Foundation.

- 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 the Withdrawal Application along with original receipt of the fee deposited.
- If a student who has enrolled in hostel or availed transport facility withdraws for the same, the Rules for refund of the fees deposited shall be as given in Appendix-1.

9. List of other documents to be deposited after admission

In addition to the documents mentioned under clause 4 above, all students will be required to deposit following documents either during the orientation program or within 3 days from the date of admission whichever is later:
- Certificate of Medical Fitness
- Migration Certificate if not deposited earlier
- Proof of Residence (Ration Card/Electricity Bill/Telephone Bill/PAN Card/Driving License etc.)
- 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.

<table>
<thead>
<tr>
<th>Courses</th>
<th>% from</th>
<th>% to</th>
<th>Scholarship as % of tuition fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>B. Tech.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>70</td>
<td>79.99</td>
<td>25</td>
<td></td>
</tr>
<tr>
<td>80</td>
<td>84.99</td>
<td>35</td>
<td></td>
</tr>
<tr>
<td>85</td>
<td>89.99</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>90</td>
<td>100</td>
<td>60</td>
<td></td>
</tr>
<tr>
<td>Integrated Law</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>65</td>
<td>74.99</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>75</td>
<td>100</td>
<td>35</td>
<td></td>
</tr>
<tr>
<td>BBA / B.Com / B.Sc./BA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>65</td>
<td>74.99</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>75</td>
<td>100</td>
<td>35</td>
<td></td>
</tr>
<tr>
<td>BCA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>65</td>
<td>74.99</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>75</td>
<td>100</td>
<td>35</td>
<td></td>
</tr>
<tr>
<td>BBA / B.Com-KPMG</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>65</td>
<td>74.99</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>75</td>
<td>100</td>
<td>35</td>
<td></td>
</tr>
<tr>
<td>MCA Lateral</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>65</td>
<td>74.99</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>75</td>
<td>100</td>
<td>35</td>
<td></td>
</tr>
</tbody>
</table>
10. Instructions for Curbing Ragging

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

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

- The following will be termed as the act of ragging:
  - Any disorderly conduct whether by words spoken or written or by any act, which has the effect of teasing, treating or handling with ridicule any other student(s), indulging in rowdy or indisciplined activities which may cause or are likely to cause annoyance, hardship or psychological harm or to raise fear or apprehension thereof in fresher or junior student(s) or asking the student(s) to do any act or perform something, which such student(s) will not do in the ordinary course and which has the effect of causing or generating a sense of shame or embarrassment so as to adversely affect the physique or psyche of a fresher or a junior student.
  - All students enrolled in the University are bound by the directions of UGC/ AICTE and other regulatory bodies in respect of prevention of ragging in educational institution campuses. Hence they are advised to keep themselves updated on their websites.

Anti Ragging Measures and Online Affidavit

- It is mandatory for every student and his/her parents to submit an anti ragging affidavit at the time of first admission and then after each year at the time of annual registration. These are UGC's regulations.

- It is the order of the Hon. Supreme Court that contact details of students must be collected from these affidavits and stored electronically at a central location. 3. Uptil now each college collected such information. But it was not stored in any central location. But this year the Ragging Prevention Program developed an ONLINE procedure for downloading anti ragging affidavits. As a result college authorities do not have to collect information separately and compile it. It will save a lot of their time and energy. How? 4. It is a simple procedure comprising 3 steps.
  - Step 1: Log on to www.ANTRAGGING.in or www.AMANMOVEMENT.org. Click on the button called – Online affidavits. Step 2: Fill in the information as desired and submit the form. Step 3: On successful completion you will receive affidavits, both for Students and Parents, through E mail.
  - 5. If you do not have an E mail address please create one before you log in. If your parents do not have an E Mail/Mobile/Landline Phone number please do not panic. You can give those of your friends or relatives. There is absolutely nothing to worry. If you make a mistake while submitting your form you can start a fresh and submit the information again. There is no problem. It is a very easy process.


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 within 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 fee of Rs. 50/- per period. If there is mass cut for the whole day, special fee of Rs. 200/- shall be charged.

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

Student who has 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 in the summer semester again and deposit additional fee as mentioned above.

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

The students are advised to ensure that they meet the minimum attendance requirement for appearing in the semester and examination falling 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 insubordinate and suitable disciplinary action shall be taken against the defaulting students. Students are also advised to dress appropriately, while in campus, as per demand of the occasion.

University has zero tolerance for licentious 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 University may be taken against the students who are found indulging in any of the above mentioned undesirable act.

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

12. General Instructions

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

JECRC UNIVERSITY presently follows the reservation policy as under: NR/Foreign National / PID seats: 15% in all programmes/ courses.

General Seats: 85%.

All fees through Demand Draft are payable in the name of ‘JECRC University’ only.

Mere inclusion of the name of a candidate in the merit list would not ensure his / her admission. Candidate would be required to prove his / her eligibility for admission by providing original and genuine documents in support of the claims made.

The admission made by JECRC UNIVERSITY shall be provisional, till the same is confirmed by the Registration Branch of the University.

If the Admission Committee is 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 penal action would be taken against them.

Canvassing in any form for influencing the admission by any candidate and / or his / her parents/ guardians would result in his/ her summary rejection for admission.

The admission procedure is subject to modification, without notice, as per directions of UGC or any competent authority.

The final cut off date for admission to all the courses is 30th September 2016.

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 2016-17. The detailed information related to number of seats in each discipline and profile of the research guides is available on University website.

JECRC UNIVERSITY strives to propagate the international research agenda across the university’s disciplinary spectrum and through interdisciplinary initiatives.

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. The range and health of the core academic disciplines provides an ideal foundation for the continued development of interdisciplinary research initiatives. We aim to maximize the benefits of research by advancing fundamental knowledge and contributing to efficacious public, private, improved health outcomes, economic opportunity, social cohesion, international development, community identity, arts, culture and the quality of life.

Our high level strategies across the university include retaining and recruiting researchers of the highest distinction, process and potential across the university, attracting the very best research students nationally and internationally, continuing to provide a supportive research environment in which scholars, at every stage of their career, can flourish and develop, encouraging collaboration, regionally, nationally and internationally and effective partnerships with other research institutions, research agencies, funding bodies/spinners 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 required to facilitate research excellence and knowledge transfer.

The University will continue to develop multidisciplinary and interdisciplinary programs and new ventures designed to address many of the major challenges that confront our society.

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 admission to a Ph.D. programme of the university.

Candiates 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 who have secured at least 50% marks (without rounding off) in Master's degree or equivalent examinations are eligible for admission.

OR

A member of institute of chartered 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

1. Applications for admission in the Ph.D. programmes shall be submitted as per details given in section 5.

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 shortlisted 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 resources. The research plan shall be written in English in the specified format in accordance with the instructions contained in the Ph.D. Ordinance. In case of a suitable candidate, the RPEC may assign some specific topic as area of research that has found suitable. A candidate will ordinarily be allowed twice for such presentation before the RPEC. A third attempt may be allowed only with the approval of the president in special circumstances.

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

3. While recommending approval of the research plan, the RPEC will also recommend the name of research supervisor(s).

4. After the approval of the URC and the payment of fees prescribed by the University, a candidate shall be formally registered as a research scholar / student with effect from date on which the URC accorded its approval or from the date specified by the academic council.

5. 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 from which is available on its website.

For more rules and regulations concerning admission to Ph.D. programmes, the Ph.D. Ordinance of the JECRC UNIVERSITY may be referred from which is available on its website.
### Appendix - 1

#### Ready Reckoner for Refund of academic / Bus / Hostel Fees for Student Admitted in 2016-17

**(a) Academic Fees**

<table>
<thead>
<tr>
<th>Description</th>
<th>Tentative Date of Start of Classes</th>
<th>Deduction to be made for Withdrawal of Admission</th>
</tr>
</thead>
<tbody>
<tr>
<td>B. Tech. Programmes</td>
<td>18.07.2016</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 from the start of classes to final cut off date</td>
</tr>
<tr>
<td></td>
<td></td>
<td>After 30.09.2016</td>
</tr>
<tr>
<td>All UG Programmes – except B. Tech.</td>
<td>18.07.2016</td>
<td>One month’s fee + Rs. 5000 admission fee</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Two month’s fee + Rs. 5000 admission fee</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Three month’s fee + Rs. 5000 admission fee</td>
</tr>
<tr>
<td>All PG Programmes</td>
<td>01.08.2016</td>
<td>One month’s fee + Rs. 5000 admission fee</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Two month’s fee + Rs. 5000 admission fee</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Three month’s fee + Rs. 5000 admission fee</td>
</tr>
</tbody>
</table>

**Note:**
- **B. Tech.**
  - One month’s fee i.e. Rs. 25000 + Rs. 5000 Admission fee
  - Two month’s fee i.e. Rs. 37500 + Rs. 5000 Admission fee
  - Three month’s fee i.e. Rs. 50000 + Rs. 5000 Admission fee
- **All UG Programmes – except B. Tech.**
  - One month’s fee + Rs. 5000 admission fee
  - Two month’s fee + Rs. 5000 admission fee
  - Three month’s fee + Rs. 5000 admission fee
- **All PG Programmes**
  - One month’s fee + Rs. 5000 admission fee
  - Two month’s fee + Rs. 5000 admission fee
  - Three month’s fee + Rs. 5000 admission fee

**B. Tech (Normal Entry)**

- 20.05.2016 Friday
- 28.05.2016 Saturday
- 11.07.2016 Monday
- 11.07.2016 Monday
- 11.07.2016 Monday

**B. Tech (Lateral Entry), M.Tech, M.Sc., MCA**

- 20.05.2016 Friday
- 28.05.2016 Saturday
- 11.07.2016 Monday
- 11.07.2016 Monday
- 11.07.2016 Monday

**All Non-Engg. UG Programmes including Integrated Law and LLB Programs**

- 28.05.2016 Saturday
- 11.07.2016 Monday
- 11.07.2016 Monday
- 11.07.2016 Monday

**MBA**

- 28.05.2016 Saturday
- 11.07.2016 Monday
- 11.07.2016 Monday
- 11.07.2016 Monday

**Bus Fees**

- Bus fee for the Academic Year 2016-17 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>B. Tech. Programmes</td>
<td>18.07.2016</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 from the start of classes to final cut off date</td>
</tr>
<tr>
<td></td>
<td></td>
<td>After 30.09.2016</td>
</tr>
<tr>
<td>All UG Programmes – except B. Tech.</td>
<td>18.07.2016</td>
<td>One month’s fee i.e. Rs. 2000</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Two month’s fee i.e. Rs. 4000</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Three month’s fee i.e. Rs. 6000</td>
</tr>
<tr>
<td>All PG Programmes</td>
<td>01.08.2016</td>
<td>One month’s fee i.e. Rs. 2000</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Two month’s fee i.e. Rs. 4000</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Three month’s fee i.e. Rs. 6000</td>
</tr>
</tbody>
</table>

**All Non-Engg. UG Programmes including Integrated Law and LLB Programs**

- 20.05.2016 Friday
- 28.05.2016 Saturday
- 11.07.2016 Monday
- 11.07.2016 Monday
- 11.07.2016 Monday

**MBA**

- 28.05.2016 Saturday
- 11.07.2016 Monday
- 11.07.2016 Monday
- 11.07.2016 Monday

**MBA**

- 28.05.2016 Saturday
- 11.07.2016 Monday
- 11.07.2016 Monday
- 11.07.2016 Monday

**All Non-Engg. UG Programmes including Integrated Law and LLB Programs**

- 28.05.2016 Saturday
- 11.07.2016 Monday
- 11.07.2016 Monday
- 11.07.2016 Monday
- 11.07.2016 Monday

**MBA**

- 28.05.2016 Saturday
- 11.07.2016 Monday
- 11.07.2016 Monday
- 11.07.2016 Monday
- 11.07.2016 Monday

**All Non-Engg. UG Programmes including Integrated Law and LLB Programs**

- 28.05.2016 Saturday
- 11.07.2016 Monday
- 11.07.2016 Monday
- 11.07.2016 Monday
- 11.07.2016 Monday

**MBA**

- 28.05.2016 Saturday
- 11.07.2016 Monday
- 11.07.2016 Monday
- 11.07.2016 Monday
- 11.07.2016 Monday

**All Non-Engg. UG Programmes including Integrated Law and LLB Programs**

- 28.05.2016 Saturday
- 11.07.2016 Monday
- 11.07.2016 Monday
- 11.07.2016 Monday
- 11.07.2016 Monday

**MBA**

- 28.05.2016 Saturday
- 11.07.2016 Monday
- 11.07.2016 Monday
- 11.07.2016 Monday
- 11.07.2016 Monday

**All Non-Engg. UG Programmes including Integrated Law and LLB Programs**

- 28.05.2016 Saturday
- 11.07.2016 Monday
- 11.07.2016 Monday
- 11.07.2016 Monday
- 11.07.2016 Monday

**MBA**

- 28.05.2016 Saturday
- 11.07.2016 Monday
- 11.07.2016 Monday
- 11.07.2016 Monday
- 11.07.2016 Monday

**All Non-Engg. UG Programmes including Integrated Law and LLB Programs**

- 28.05.2016 Saturday
- 11.07.2016 Monday
- 11.07.2016 Monday
- 11.07.2016 Monday
- 11.07.2016 Monday

**MBA**

- 28.05.2016 Saturday
- 11.07.2016 Monday
- 11.07.2016 Monday
- 11.07.2016 Monday
- 11.07.2016 Monday
Not just in academics, special emphasis is also placed on providing students with quality life.
(c) Hostel Fees
Hostel fee shall be charges for availing the hostel facility in odd/even semesters as under:

<table>
<thead>
<tr>
<th>Academic Year</th>
<th>Hostel fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Year 2016-17</td>
<td>Rs. 125000 per annum</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Academic Year</th>
<th>Hostel fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Year 2016-17</td>
<td>Rs. 90000 per annum</td>
</tr>
</tbody>
</table>

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 2016-17</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/-

3d rendering of the hostel rooms.

### Deduction to be made for Withdrawal from Hostel

<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 from the start of classes to final cut off date</td>
</tr>
<tr>
<td></td>
<td></td>
<td>After 30.09.2016</td>
</tr>
<tr>
<td>B. Tech. Programmes</td>
<td>18.07.2016</td>
<td>Room Rent for one month and food charges on pro-rata basis</td>
</tr>
<tr>
<td>All UG Programmes – except B. Tech.</td>
<td>18.07.2016</td>
<td>Room Rent for one month and food charges on pro-rata basis</td>
</tr>
<tr>
<td>All PG Programmes</td>
<td>01.08.2016</td>
<td>Room Rent for one month and food charges on pro-rata basis</td>
</tr>
</tbody>
</table>

Note: If withdrawal is made within one month from the start of the classes, room rent for one month and food charges on pro-rata basis shall be deducted. If withdrawal is made after one month from the start of the classes, total room rent shall be forfeited and food charges shall be on pro-rata basis.

Calendar Year 2016: Rs. 20000 Including Food.
Calendar Year 2017: Rs. 22000 Including Food.
Calendar Year 2018: Rs. 24500 Including Food.
Calendar Year 2019: Rs. 27000 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>Fifth Year Fee</th>
<th>Total Academic Fee</th>
<th>Alumni Fee and Admission fee One Time, Non Refundable (With First Installment)</th>
<th>Payable Academic Fee at the Time of Admission</th>
<th>I/II/III/V/VII/VIII/X Installments</th>
<th>Total Installments Payable</th>
<th>Year of Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>B. Tech.</td>
<td>97000</td>
<td>28000</td>
<td>125000</td>
<td>125000</td>
<td>125000</td>
<td>125000</td>
<td>500000</td>
<td>10000</td>
<td>72500</td>
<td>360000</td>
<td>10000</td>
<td>72500</td>
<td>8</td>
</tr>
<tr>
<td>Integrated Law</td>
<td>44000</td>
<td>18000</td>
<td>62000</td>
<td>71000</td>
<td>77000</td>
<td>84000</td>
<td>360000</td>
<td>10000</td>
<td>41000</td>
<td>31000</td>
<td>10000</td>
<td>31000</td>
<td>5</td>
</tr>
<tr>
<td>BBA / B. Com / B. Sc. /BA</td>
<td>37000</td>
<td>23000</td>
<td>60000</td>
<td>60000</td>
<td>60000</td>
<td>60000</td>
<td>240000</td>
<td>10000</td>
<td>40000</td>
<td>30000</td>
<td>82500</td>
<td>30000</td>
<td>3</td>
</tr>
<tr>
<td>B.Sc Agriculture</td>
<td>37000</td>
<td>23000</td>
<td>60000</td>
<td>60000</td>
<td>60000</td>
<td>60000</td>
<td>180000</td>
<td>10000</td>
<td>40000</td>
<td>30000</td>
<td>82500</td>
<td>30000</td>
<td>3</td>
</tr>
<tr>
<td>B.Sc. Hospitality &amp; Hotel Management</td>
<td>37000</td>
<td>23000</td>
<td>60000</td>
<td>60000</td>
<td>60000</td>
<td>60000</td>
<td>180000</td>
<td>10000</td>
<td>40000</td>
<td>30000</td>
<td>82500</td>
<td>30000</td>
<td>3</td>
</tr>
<tr>
<td>BCA</td>
<td>47000</td>
<td>28000</td>
<td>75000</td>
<td>75000</td>
<td>75000</td>
<td>225000</td>
<td>100000</td>
<td>10000</td>
<td>47500</td>
<td>37500</td>
<td>40000</td>
<td>37500</td>
<td>3</td>
</tr>
<tr>
<td>BBA / B.Com-KPMG</td>
<td>47000</td>
<td>23000</td>
<td>70000</td>
<td>70000</td>
<td>70000</td>
<td>210000</td>
<td>100000</td>
<td>10000</td>
<td>45000</td>
<td>35000</td>
<td>62500</td>
<td>35000</td>
<td>3</td>
</tr>
<tr>
<td>Bachelor of Design</td>
<td>37000</td>
<td>23000</td>
<td>60000</td>
<td>60000</td>
<td>60000</td>
<td>180000</td>
<td>100000</td>
<td>10000</td>
<td>40000</td>
<td>30000</td>
<td>62500</td>
<td>30000</td>
<td>3</td>
</tr>
<tr>
<td>MCA</td>
<td>52000</td>
<td>28000</td>
<td>80000</td>
<td>80000</td>
<td>80000</td>
<td>240000</td>
<td>100000</td>
<td>10000</td>
<td>50000</td>
<td>40000</td>
<td>62500</td>
<td>40000</td>
<td>6</td>
</tr>
<tr>
<td>MCA Lateral</td>
<td>52000</td>
<td>28000</td>
<td>80000</td>
<td>80000</td>
<td>80000</td>
<td>240000</td>
<td>100000</td>
<td>10000</td>
<td>50000</td>
<td>40000</td>
<td>62500</td>
<td>40000</td>
<td>6</td>
</tr>
<tr>
<td>MBA</td>
<td>100000</td>
<td>25000</td>
<td>125000</td>
<td>125000</td>
<td>125000</td>
<td>250000</td>
<td>100000</td>
<td>10000</td>
<td>72500</td>
<td>62500</td>
<td>40000</td>
<td>30000</td>
<td>4</td>
</tr>
<tr>
<td>LLB</td>
<td>37000</td>
<td>23000</td>
<td>60000</td>
<td>60000</td>
<td>60000</td>
<td>180000</td>
<td>100000</td>
<td>10000</td>
<td>40000</td>
<td>30000</td>
<td>40000</td>
<td>30000</td>
<td>4</td>
</tr>
<tr>
<td>M.Sc</td>
<td>37000</td>
<td>23000</td>
<td>60000</td>
<td>60000</td>
<td>60000</td>
<td>120000</td>
<td>100000</td>
<td>10000</td>
<td>40000</td>
<td>30000</td>
<td>40000</td>
<td>30000</td>
<td>4</td>
</tr>
<tr>
<td>M.Sc-Biotech/Microbiology</td>
<td>52000</td>
<td>23000</td>
<td>75000</td>
<td>75000</td>
<td>75000</td>
<td>150000</td>
<td>100000</td>
<td>10000</td>
<td>47500</td>
<td>37500</td>
<td>40000</td>
<td>37500</td>
<td>4</td>
</tr>
<tr>
<td>M.Tech</td>
<td>75000</td>
<td>25000</td>
<td>100000</td>
<td>100000</td>
<td>100000</td>
<td>200000</td>
<td>100000</td>
<td>10000</td>
<td>60000</td>
<td>50000</td>
<td>50000</td>
<td>50000</td>
<td>4</td>
</tr>
<tr>
<td>BA in Journalism &amp; Mass Communication</td>
<td>37000</td>
<td>23000</td>
<td>60000</td>
<td>60000</td>
<td>60000</td>
<td>180000</td>
<td>100000</td>
<td>10000</td>
<td>40000</td>
<td>30000</td>
<td>50000</td>
<td>30000</td>
<td>4</td>
</tr>
</tbody>
</table>