



BROCHURE 2015-16

Approved by AICTE & Affiliated to RTU, Kota

Jaipur Engineering College & Research Centre Shri Ram Ki Nangal, Via Sitapura RIICO, Opp. EPIP Gate, Tonk Road, Jaipur 302022.





#### MORE THAN 15 YEARS OF ACADEMIC EMINENCE



JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE

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# JECRC Foundation

A PIONEER IN HIGHER LEARNING IN THE STATE OF RAJASTHAN, THE JECRC FOUNDATION IS REDEFINING THE ACADEMIC SPACE WITH RESEARCH ORIENTED EDUCATION THAT PUTS EXCELLENCE ABOVE ANYTHING ELSE.

The National Society for Education Research and Development (NSERD) was registered in the year 1999 in Jaipur with the major objective of providing guality education and research environment in Rajasthan. It established its first college, Jaipur Engineering College & Research Centre (JECRC) in Jaipur in the year 2000. Encouraged by its splendid achievements and overwhelming public patronage it ventured into establishing a second college, UDML College of Engineering (which is now known as JECRC UDML College of Engineering) in the year 2007. The first year intake in these colleges in the B.Tech. programmes, as approved by the All India Council for Technical Education, for the year 2015-16 are at present 990 and 540 respectively in addition to admissions in other categories like TFWS (Tuition Fee Waiver Scheme) and KM (Kashmiri Migrants). These institutions have become the most sought after institutions for admissions as evidenced by the RPET and JEE admission patterns. The JECRC Foundation has now become a brand name in professional education in Rajasthan. The founders and the Society are now generally referred to as the JECRC Foundation.

For diploma holders (LEEP) lateral entry is possible in the second year of the B. Tech programs. The intake equals 20% of the first year intake.

JECRC University was established in the year 2012 and is conducting Under Graduate, Post Graduate and Doctoral programmes in diversified fields (Engineering & Technology, Basic & Applied Sciences, Management Studies and Languages) and has also set up centres of research.





www.jecrcudml.edu.in



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www.jecrcuniversity.edu.in







#### **OUR THREE** LARGE SPRAWLING CAMPUSES



### The College (JECRC)



JECRC Foundation ardently upholds the practice of self learning and intellectual growth which are integral to education. Its premier engineering institute, JECRC holds a commitment to offer the highest standards of education with state-of-the-art infrastructure. Set up in 2000, JECRC has evolved as one of the top-class engineering institutions of the State. JECRC is the 'Preferred Engineering College' amongst aspiring students and draws meritorious students from all parts of the country. This is evident from the fact that top performers in RPET and JEE have chosen JECRC during counselling.

JECRC offers B.Tech programmes in the following disciplines:

- Civil Engineering
- Computer Science & Engineering
- Electrical Engineering
- Electronics & Communication Engineering
- Information Technology
- Mechanical Engineering









# Fee Structure for the session 2015-16

Class/Year for which the fee is to be deposited		Tuition Fee including Development Fee	
		Odd Semester	Even Semester
	Students who were admitted in Session 2012-13	30000/-	30000/-
B.Tech. IV Year	Students who were admitted under Tuition Fee Waiver Scheme (TFWS) in Session 2012-13	5500/-	5500/-
	Students who were admitted (Through Lateral Entry) in Session 2013-14	35000/-	35000/-
	Students who were admitted in Session 2013-14 & 2014-15	35000/-	35000 <b>/-</b>
B.Tech. III Year & II Year	Students who were admitted under Tuition Fee Waiver Scheme (TFWS) in Session 2013-14 & 2014-15	6500/-	6500/- _
	Students who were admitted (Through Lateral Entry) in Session 2014-15	35000/-	35000/-
DTack	Students who will be admitted in Session 2015-16	42500/-**	- 25000/-
B.Tech. I Year & LEEP II	Students who will be admitted under Tuition Fee Waiver Scheme (TFWS) in Session 2015-16	10500/-	-
Year*	Students who will be admitted (Through Lateral Entry) in Session 2015-16	42500/-**	

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• \* The above mentioned Fees is subject to review by the State Level Fee Determination Committee of the State Government constituted in pursuance of the Orders of the Hon'ble Supreme Court of India and the Fees as may be revised by the State Government shall be applicable to all the students.

\*\*The first installment includes a onetime caution fee of 7500/- payable by all students at the time of admission in first year and for LEEP candidates admitted in Session 2015-16.

• Second installment of fee (for even semester) is payable by 15th December 2015.

This fee structure does not include 10000/- deposited by the student with the governing agency at the time of applying. If no such fee is levied by the governing agency the same will be added in the first installment of all students admitted in the session 2015-16









### Bus & Hostel Fee

	Host	Bus Fee		
	1st Installment**	2nd Installment*	-	
	45500/-	25000/-	18500/-	
	Double & Triple Seated)		(If he/she avails this facility)	
(lf h	ne/she avails this facility)	(If he/she avails this facility)		
	45500/-	15000/-		
	(Four Seated)	(Four Seated)		
(lt h	ne/she avails this facility)	(If he/she avails this facility)	.i	
	nd Installment to be deposited I			
*A on	netime caution fee of 5000/- is	additionally payable at the time of hoste	l allotment.	
Pare	nt/Student can deposit the fees	by any of the modes below:		
	NEFT in JECRC's Bank account as per details below			
	Account details for depositing College and/or Bus fee:			
	Account Name: Jaipur Engineering College and Research Centre			
	Account Number: 00540330002223			
	Bank's Name & Branch: HDFC Bank Limited, Ashok Marg, C-Scheme, Jaipur – 302001			
	Bank's Name & Branch: HDF	C Bank Limited, Ashok Marg, C-Scheme	e, Jaipur – 302001	
	Bank's Name & Branch: HDF IFSC: HDFC0000054	C Bank Limited, Ashok Marg, C-Scheme	., Jaipur – 302001	
	IFSC: HDFC0000054		, Jaipur – 302001	
	IFSC: HDFC0000054 Account details for depositin	g Hostel Fee is:	, Jaipur – 302001	
	IFSC: HDFC0000054 Account details for depositin Account Name: HOSTEL JEC	g Hostel Fee is: RC	e, Jaipur – 302001	
	IFSC: HDFC0000054 Account details for depositin Account Name: HOSTEL JEC Account Number: 00540330	g Hostel Fee is: RC 0002233		
	IFSC: HDFC0000054 Account details for depositin Account Name: HOSTEL JEC Account Number: 00540330 Bank's Name & Branch: HDF	g Hostel Fee is: RC		
	IFSC: HDFC0000054 Account details for depositin Account Name: HOSTEL JEC Account Number: 00540330 Bank's Name & Branch: HDF IFSC: HDFC0000054	g Hostel Fee is: RC 0002233 C Bank Limited, Ashok Marg, C-Scheme	e, Jaipur – 302001	
	IFSC: HDFC0000054 Account details for depositin Account Name: HOSTEL JEC Account Number: 00540330 Bank's Name & Branch: HDF IFSC: HDFC0000054 After paying Fees through N	g Hostel Fee is: RC 0002233 C Bank Limited, Ashok Marg, C-Scheme EFT the payer should submit the UTR No	, Jaipur – 302001 5. along with the students detail for whom fee	
	IFSC: HDFC0000054 Account details for depositin Account Name: HOSTEL JEC Account Number: 00540330 Bank's Name & Branch: HDF IFSC: HDFC0000054 After paying Fees through N has been paid to the account	g Hostel Fee is: RC 0002233 C Bank Limited, Ashok Marg, C-Scheme EFT the payer should submit the UTR Ne ts department of the college for genera	e, Jaipur – 302001 o. along with the students detail for whom fea tion of receipt.	
	IFSC: HDFC0000054 Account details for depositin Account Name: HOSTEL JEC Account Number: 00540330 Bank's Name & Branch: HDF IFSC: HDFC0000054 After paying Fees through N has been paid to the accoun Through online payment gate	g Hostel Fee is: RC 2002233 C Bank Limited, Ashok Marg, C-Scheme EFT the payer should submit the UTR No ts department of the college for genera eway on JECRC website <u>www.jecrcfounc</u>	e, Jaipur – 302001 o. along with the students detail for whom fea tion of receipt.	

4. Demand Draft in favor of "Jaipur Engineering College and Research Centre" for college fees and/or bus fees in favor of "Hostel JECRC" for Hostel Fees.

Note: Since the fees is interim till the notification of the state government. Please contact college for final fees amount. Fees shall be deposited by any of the above stated means only.

The fee counter at the college campus will remain open from 9:00 AM to 4:00 PM on all working days. DD's & Pay Orders can also be sent through Registered Post at the following address:

Registrar, Jaipur Engineering College & Research Centre,

JECRC Campus, Shri Ram ki Nangal, Via Sitapura RIICO, Opp. EPIP Gate,

Tonk road, Jaipur – 302022.

Ph: - +91-141-2770120,2770232, Fax: - +91-141-2770803 | email: - registrar@jecrc.ac.in

### Seat Structure

The number of seats available for admissions during the session 2015-16 in the First Year and Second Year Programs: **(College Code: 020)** 

	S. No.	Branch	Number of Seats	Remarks
	1	Civil Engineering	120	
First Year B.Tech. Admissions I Shift	2	Computer Science & Engineering	180	In addition to the given seats, admissions are
	3	Electrical Engineering	120	
	4	Electronics & Communication Engineering	240	
	5	Information Technology	90	also made in TFWS and KM
	6	Mechanical Engineering	120	categories
irst Year B.Tech. dmissions II Shift	7	Computer Science & Engineering	60	
Evening Batch)	8	Mechanical Engineering	60	
			Total 990	
	S. No.	Branch	Number of Seats	Remarks
	1	Civil Engineering	24	
Second	2	Computer Science & Engineering	48	Eligibility for admissions under
Year B.Tech.	3	Electrical Engineering	24	LEEP is as directed by the
Admissions under	4	Electronics & Communication Engineering	48	Board of Technical
LEEP	5	Information Technology	18	Education, Rajasthan
	6	Mechanical Engineering	36	
			Total 198	

### Achievements Students & Faculty

- A contingent of fifty students along with three faculty members visited IIT Bombay in Dec. 2014 to attend Mood Indigo, the biggest college festival of Asia. Students participated in various events and gained hands on knowledge on the organizational details of such a grand event. It was also a platinum opportunity for them to interact with students of other colleges and build network
- Two students of JECRC, Aditi Jain and Aakanksha Singhal have attained 1st and 5th positions respectively in the RTU Merit List 2014 for Electronics & Communication Engineering. These students have been invited to the Convocation Ceremony 2015
- Sonam Jain, a 2013 batch student of Civil Department attained 2nd position in the RTU 2013 merit list and was invited to the RTU Convocation Ceremony
- The official dance crew of college "Enigma" has been selected in the national qualifiers of the Hip Hop International Dance Championship to be held in May 2015 in Mumbai. The winners of this championship will represent India in the World Championship in U.S.A. in Nov 2015
- The state of the art robot "AJAY" developed indigenously by our students has won more than 20 competitions in colleges like IIT Guwahati, Mumbai, Kharagpur, Jodhpur, BITS Pilani, MNIT and many more
- 200 Units of blood were donated by students and faculty members on 2nd November in a Blood Donation Camp organized at JECRC Foundation by our social service group "Aashayein"
- The Department of Science & Technology (DST) has awarded a grant of Rs. 40 lacs to Mr. Mukesh Agarwal, HoD, Dept of Computer Science, JECRC to establish India's first "Aura Research Center"

- JECRC was ranked 67th among all engineering colleges of India in Outlook's 2014 survey of India's Best Professional Colleges
- Rahul Jain, a 2012 Batch student of Computer Science has been awarded the prestigious Homi Bhabha Award and a gold medal for acing the orientation course in engineering & science. He will now serve as a scientist with the Bhabha Atomic Research Centre which is a Group A Gazetted Officer post
- The pass percentage of Batch 2014 students of JECRC was 93.6% in the VIII semester results declared by RTU. This is 8% more than the average RTU result of all colleges
- Shubhanshu Sharma, a 2010 batch student of Electronics & Communication Department has cleared the UPSC Civil Services Examination 2013 and attained 423rd rank
- An article written by Setu Bhatnagar, a 3rd year student of Civil Department titled "Learn to Win From Us" was published in online magazine, SpringTide
- Dr. Monika Sogani, Asst Proff, Deptt of Engineering Chemistry & Environmental Sciences, JECRC was invited by Society of Environmental Toxicology & Chemistry (SETAC) to present her research paper at SETAC Europe 24th Annual Meeting in Switzerland
- The short film, "Red House by the Crossroads", directed and written by Aditya J Patwardhan, a 2011 batch pass out of IT Branch has been selected for the Cannes International Film Festival under the short film catalog. Aditya is currently pursuing his Masters from New York Film Academy
- Mayank Dassani, a batch 2014 pass out from Electronics & Communication Engineering has been selected in the prestigious Faculty of Management Studies (FMS), Delhi to pursue full time MBA







# Events & Workshops

- Mechanical Engineering department organized a two-day National Conference on Futuristic Trends in Mechanical Engineering in association with Institute of Engineers (India), Jaipur Branch and International Journal of the latest trends in Engineering & Technology. Participants and key note speakers from renowned institutions like IIT Madras, IIT Roorkee presented more than 80 research papers and state of the art lectures.
- The Electrical Engineering department organized a fiveday Faculty Development Program in collaboration with NITTR Chandigarh on Power Electronics during 23-27 February 2015. A large number of faculty staff from other institutes also attended.
- A two-day workshop on "Automobile Mechanics & Advanced Technologies" was conducted by Indian Institute of Science, Bengaluru at JECRC campus.
- The Electrical Engineering department organized two workshops on "Industrial Automation -PLC & SCADA" in collaboration with IIT-Madras & Innovians Technologies and another one day workshop on "Industrial Automation" from Prime Vision Automation solutions-Jaipur.
- A one day seminar on "Mobile Application Development" was conducted at JECRC by Infosys. The speaker was Mr. Khalid Kamal Hussain, working with Infosys since the last 8 years.
- On Nation Girl Child Day and in association with Government of Rajasthan an interactive session was conducted at JECRC by Sh. Neeraj K Pawan, Additional Mission Director, National Health Mission & Director (IEC) & Joint Secy. to Govt. Medical & Health Deptt., Jaipur on the issue of preventing girl infanticide under the aegis of Beti Bachao Beti Padhao Aandolan.
- For the first time in Rajasthan and only second time in North India, JECRC hosted the Red Bull Tour Bus Concert where DJs like Nucleya, SU Real and Alu Wala performed.
- On World Aids Day, an AIDS awareness campaign was run by students of JECRC's social service group Zarurat to make everyone aware of the menace of this deadly disease.
- A session on Cloud Computing was organized at JECRC by TATA Group. The session was conducted by Mr. Shauqat Hussain, 5 years with TATA telecom and Mr. Rajit Sikka, Academic Relationship Manager, TCS.
- A special movie screening for 200 underprivileged students was arranged at Cinepolis by the students of Zarurat on the occasion of Children's' Day.

- A three day exhibition was organized by our Robotics Club, Xananoids and Edubotix where projects based on Image Processing Technology were displayed for the first time in Rajasthan.
- To create awareness about Prime Minister's "Swachh Bharat Abhiyaan", a nukkad natak was presented by our drama club, Face & Footlite which emphasized on the importance of cleanliness in society.
- A one day seminar on "Foreign Trade Policy & Procedure" under Niryat Bandhu Scheme in collaboration with Directorate General of Foreign Trade (DGFT), Govt. of India was organised by EDC/IIPC of JECRC.
- Felicitation ceremony was held for the students of JECRC's live blood donation group, Aashayein who have saved more than a 100 lives over the last one year by donating blood to the needy across various hospitals of the city.
- Rashtriya Ekta Diwas was celebrated on the birth anniversary of Sardar Vallabh Bhai Patel which included a debate competition and oath taking ceremony where students pledged to work for the unity and sovereignty of the nation.
- A free eye and dental checkup was organized at JECRC by our social service group SOCH where more than 125 students got themselves checked on a single day.
- A performance by Dr. Chandrima Roy, a well-known sarod player was organized at JECRC along with a photo exhibition of our photography club, Fotogra Freaks.
- A Management Development Program on Export Marketing, Documentation and Procedure was conducted in association with MSME. It was launched by Sh. M. R. Sonwal, Astt Director, MSME
- An interactive session was arranged for our students where Ms. Elizabeth Green, Senior International Officer, Manchester University spoke about opportunities for higher studies in U.K.
- A one day international workshop was conducted by SAE India on BAJA at JECRC. The workshop was conducted by student and faculty advisor team from Tennesse Tech University and was attended by students of top 30 colleges of North India that qualified for virtual BAJA.
- To commemorate the birth anniversary of Maulana Abdul Kalam Azad, National Education Day was celebrated at JECRC where debate competitions were organized for the students.







### Student Development Initiatives

#### **Entrepreneurship Development Cell**

The Entrepreneurship Development Cell organised various programmes in the previous year to enhance entrepreneurship skills in the students of JECRC Foundation. Some of these programmes are Entrepreneurship Awareness Programme, Entrepreneurship Development Programme, Skill Development Programmes, Business Development Programme in Export Marketing, Entrepreneurship Awareness Camp, B-Guru, Industrial Visit, Faculty Training etc.

#### Industry Institute Partnership Cell (IIPC)

Students of all branches got the industry exposure by visiting 14 industries in the previous year. A programme on personality development was launched for IIPC students. A programme on advanced multimedia was organised under Competency Development Programme of IIPC. Specialised talks from various industry experts were held last year. Wipro is actively associated with the IIPC of JECRC.

#### **IBM The Great Mind Challenge Contest**

This is an initiative to keep our students in sync with the latest tools and technologies. It provides a platform for students to extract benefits from various workshops and seminars on new technologies from world leaders like IBM.

#### **MICROSOFT SUMMER TRAINING PROGRAM**

The JECRC Foundation has launched "MICROSOFT SUMMER TRAINING PROGRAM". More than 250 students from 45 Government, NIT's and private colleges of North India including UP, Haryana, MP and Uttarakhand have registered in this program. This two-month program encompasses on training on different technologies offered by Microsoft Certified Trainers. The participants will be awarded Microsoft Training Associates certification.

### Summer Internships on PHP & Advance JAVA

For I & II Year Students Department of Computer Science & Engineering has launched two & three week training programs for I & II year students respectively during their summer break. The students will be imparted technical knowledge on the subjects of PHP and Advance JAVA by specialist and certified trainers.

#### Massive Open Online Courseware (MOOC)

The JECRC has promoted Entry Level Massive Open Online Courseware (MOOCs) (a) CS50x, taught by David J. Malan Harvard University and (b) CS101.1x taught by Deepak Pathak from IIT Bombay, for our 1st year students. At present more than 150 students are enrolled in this course and are expected to complete their course work towards certification by 30th June 2015.

#### **Infosys Campus Connect**

This year, the JECRC has successfully rolled-out Campus Connect Program of Infosys Technologies Ltd., a unique academia-industry initiative, for more than 100 final year students to align them towards the competencies with industry needs and thus increase their chances of employability. Under the aegis of this initiative, students and faculty members are privileged to access courseware and technology related information relevant to the current scenario of IT industry. This is an annual feature at the JECRC.

#### **MS-Edvantage**

JECRC Foundation is a Platinum level member of Microsoft Ed-Vantage Program. This program facilitates students through technology sessions and workshops by experts along with offering opportunities for internships and employability to the bright students. A good number of our students are certified as Technology Associates, Office Specialists as well as Solution Associates & Developers under this program.









### **Global Collaborations**

Enabled by JECRC Foundation's collaboration with University of Alabama an Immersive Visualization Laboratory has been set up at JECRC to facilitate students in taking up forward thinking projects and research in immersive visualization, scientific visualization, art, psychology and cognition. Dr. Philip Oldham, President, Tennessee Tech University and Dr. Bharat Soni, VP, Research and Economic Development, Tennesse Tech University visited JECRC Foundation to discuss the possibility of an academic collaboration between the two organizations. Dr. Oldham greatly appreciated the Research Labs, Social Initiatives, Aircraft Models and ATVs at JECRC. The International Association for Exchange of Students for furthering Technical Experience (IAESTE) has provided our students with more than 25 paid internships abroad in reputed establishments.

### Research & Development

- Financial support has been obtained from various funding agencies like the Department of Science & Technology, Govt. of India, All India Council for Technical Education and others for a number of R&D projects. The total funding exceeds Rs. One Crore. Three R&D projects from DST have been completed and reports submitted to the full satisfaction of DST.
- A large number of student projects have been funded by The Department of Science & Technology, Rajasthan. An exhibition of 55 selected projects was organized in which the Director (DST) showed keen interest and appreciation for the completed projects
- Membership of CSI to approx. 200 students The mission of the CSI is to facilitate research, knowledge sharing, learning and career enhancement for all categories of IT professionals, while simultaneously inspiring and nurturing new entrants into the industry and

helping them to integrate into the IT community. The CSI is also working closely with other industry associations, government bodies and academia to ensure that the benefits of IT advancement ultimately percolate down to every single citizen of India.

- In 2014-15, JECRC faculty published more than 200 papers in various national and international journals and proceedings of international and national conferences organised by reputed institutes.
- Validation and scientific basis of Meditation and Omnics to cure various diseases and their role as therapeutic targets" has been approved for Rs. Forty Five Lacs funding by Department of Science and Technology, Govt. of India. JECRC is developing a Meditation research lab which will help students and staff to work on physical and metaphysical aspects of human mind.





### The JECRC Advantage

#### **Cultural Fest-Renaissance**

The national level techno cultural of JECRC, Renaissance has made a niche for itself among all colleges in the region. It's the second largest college fest of Rajasthan organized every year in March and witnesses a footfall of more than 8000 students from top colleges from across the country. Renaissance provides a versatile platform for all students to learn and explore the various dimensions of their personality and showcase their talent. It invites students from all around the globe to put their inventiveness, ingenuity and aptitude to test. Our flagship events like Adaa(Fashion Show), Bootstrapping(Choreo Night) & Step Up(Street Dancing) are much talked about properties in the college circuit of the region. Renaissance also provides unmatchable learning and exposure to the organizing team of students in the form of team work, pressure handling and product sale and promotion. In past we have witnessed notable celebrities visit our college during Renaissance. Lt. Jagjit Singh, Shubha Mudgal, Euphoria, Javed Ali, Grammy Award Winner Pt. Vishwa Mohan Bhatt, Nobel Laureate Mr. Kailash Satyarthi, Ranbir Kapoor are a few of such esteemed names.

#### **Student Clubs at JECRC**

At JECRC we believe in the holistic grooming of our students and hence we stress equal emphasis on round the year extracurricular activities which are facilitated through the various active student clubs at JECRC. For students inclined towards social services we have clubs like Zarurat, SOCH, Aashayein and First Step that are doing commendable job in enriching lives of the underprivileged sections of the society. We have two dance clubs Enigma & Khaalas, dramatics club Face & Footlite, literary club Parijaat, the official college magazine J-Mag, photography club Fotografreaks, robotics club Xananoids and many more such clubs providing opportunity to nurture talent of young minds.

#### The JECRC Rotaract Club

Being at JECRC gives you an opportunity to become a member of the world's largest Rotaract Club with a strength of more than 4500 active members. Rotaract Club, JECRC organizes various events like Blood Donation Camps, Cricket Tournaments and Cultural Events providing students a platform for students to enhance their managerial skills and build networks.

#### **Model United Nations (MUN)**

The JECRC MUN is considered as one of the most respected and thought provoking Model United Nations conducted in the region. In JECRC it has been taken up since 2012 as an important annual venture to develop qualities like leadership and diplomacy in the students. JECRC MUN 2015 was the fourth edition for the same in which over 180 participants from all around the country were present. Out of these, participants from 40 colleges and 30 cities came together to discuss issues like Crisis in Russia and Ukraine, Lethal Autonomous Robotics, Nuclear Disaster and Preparedness and Extreme Rights. In this edition, Prof. Robert Warn Key and Prof. Victor Fedoon of University of Shiffield, U.K and Ms. Mariama Brigitta Koros were present as the distinguished dignitaries and Mr. Avinash Pandey-Human Rights Defender in Human Rights Commission (Hong Kong) enlightened everyone via video conferencing.

#### **Red Bull Tour Bus Concert**

In 2014, for the first time in Rajasthan we conducted the Red Bull Tour Bus concert which is one of the most unique live music properties in India. Red Bull Tour Bus was launched in India in October 5th 2013. With a total of 15 concerts across all parts of India and over 30,000 kilometers of travel the Red Bull Tour Bus occupies a special place in the live music map. The concert was headlined by artists like DJ Nucleya of NH7 Weekender.

#### Start Ups at JECRC

At JECRC we encourage students to not just be job seekers but to become job creators. Since the establishment of DST sanctioned Entrepreneurship Development Cell various training sessions have been organized to provide students with the technical knowhow of setting up a business. Attributed to these





efforts a number of students are now running their startups. Call A Meal which provides meal services for lunch and dinner in Sitapura, Pratap Nagar & Malviya Nagar and loopstores.com is an online e-commerce website which provides the facility of having engineering books delivered at your doorstep are couple of such startups.

#### Strong Alumni Outreach-Alma Connect

As a 15 year old organization we have an alumni base of more than 15000 students settled all across the globe proving their mettle in companies of highest repute, world class institutes of higher education, administrative services, top notch govt jobs and nonprofit organizations. We believe in the "once a JECRCian always a JECRCian" mantra and hence take continuous efforts to stay connected with our alumni. A dedicated team of students called Alma Connect works round the year to conduct Alumni Meets in major cities of India and abroad and organize online and on campus events for alumni to come together and interact with current students. In 2014 these alumni meets were conducted in Bengaluru, Delhi NCR & Dubai.

#### **Hip Hop India Regional Auditions**

JECRC was the venue for one of the only 20 regional auditions for The Indian Hip Hop Dance Championship across India which selects dance crews and individuals for the National Auditions to be held in Mumbai in May. The winners of National Auditions will represent India at the World Hip Hop Dance Championship at Los Angeles. The official dance crew of JECRC, Enigma has qualified for the national auditions and will be representing JECRC in Mumbai.

#### J Café-The JECRC Cafeteria

The J Café is a state of the art, air conditioned canteen with a seating capacity of 200 students that not just provides tasty and hygienic, ready to go food but also is the coolest place in the college for students to hangout. Whether it's the birthday of a friend or a quick snack between classes, J Café is the place to be.

#### J-Mag, The JECRC Magazine

J-Mag is the official magazine of JECRC Foundation that is published once every four months covering all the major happenings of the college in the period. The content development, designing and editing of the magazine is done by students only. It contains articles and interviews of students and faculty and nurtures the creative aspect of our students. J-Mag currently published online and circulated through emails has already become quite a rage among students of the foundation.

#### JECRC Media League

The JECRC Media League is a group of students that works tirelessly to provide visibility to the campus events and achievements of our students in print and online media. This group writes news articles pertaining to various events in college and sends them to various media houses of the state. These students are mentored by our Media Manager and are taught the art of writing news paper article and networking.



### **Training and Placement**

#### A Strong Foundation for a Brighter Future:

JECRC Foundation with its strong industry linkages has a proven record of providing excellent industrial training and campus placement to its students. Top companies across diverse verticals have chosen JECRC to conduct on-campus drives for absorbing students. With the beginning of the sixth semester students are sent to industries for industrial training of 60 days as mandatory students to get hands-on experience of what awaits them in a professional environment and prepares them better for the scrutiny at the campus interview. Along with this, a specialized coaching session is conducted for a month to prepare students for the aptitude tests, group discussion, and personal interviews.

With the placement season for the current batch still on, already more than four hundred job offers have been rolled out at an average package of Rs. 3.2 lakh p.a. by industry giants across sectors – IT/ITeS, Manufacturing, Infrastructure, Product Development, Communication Technology, Automobile, Academia and Hospitality - students of JECRC enjoy a plethora of choices. Major players in various verticals of diversified assortments like Taj, Bajaj Energy Ltd., Gloob Décor, Tractors India Ltd., Triveni Turbines, Era Group, FACE, FAB India, Verizon, Mayur Unicoaters, First American Company, Vyolla, Unisys, Patil Group, Hill International Ltd., PD Core, Suzlon, Makuni, NBC also pick up large number of JECRC students. JECRC even has proud representation in the Indian Army with our selected students. As a step towards empowering women and giving them a secured future, the female students at JECRC outnumber the male in campus placement.

JECRC builds a solid foundation in terms of knowledge and personality for its students to perform consistently and excel at every stage in their career.

### Internship / Training Opportunities by College:

JECRC is not only committed towards the best placements for its students but also, gives due importance to the internship and training vertical for the pre-final year students. With the same intent, the institute is focusing on to set up and adds a complete new vertical to the Placement cell of the Institute. This vertical would be dedicatedly working for finding new and best of the best internship opportunities for its students, bringing in all the possible opportunities for its budding engineers. Furthermore, additional manpower has been hired to dedicatedly work for this particular vertical of internship. JECRC conducts the TCS Campus Commune Program under which more than 700 first year students are registered this year. This program enables these students to participate in various online contests conducted by TCS and gain points that puts them at an advantage while applying in TCS for job.

#### **Soft Skill Training:**

Specialized Soft-skill classes, Personal Interviews and Technical Sessions are organized to prepare students for campus placement. A dedicated faculty has been separately assigned the intricate task of developing communication skills rights from the first semester. As a result, in the previous year almost all of our students got placed in reputed companies through campus placement.



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### Social Face of JECRC

At JECRC Foundation we believe that its our moral duty to not just create engineers that are technically sound but are also responsible members of the society. We believe that the growth of the nation as a whole is deeply imbibed in the growth of all sections of the society simultaneously and to strengthen our beliefs we have initiated various student run social service groups at JECRC. These groups cater to the needs of the less fortunate sections of the society by providing them with free education, medical care, stationery and other resources. From the kids of slum dwellers and senior citizens of old age homes to blood donation for the needy, these students are making lives of hundreds of people better with every passing day.

In this guest we are honored to have the leadership of Nobel Laureate Mr. Kailash Satyarthi with us. His continued guidance to our attempts, both in person and in thoughts is a source of great inspiration. His presence causes a surge of emotions and further cements our commitment towards our endeavor. His association with JECRC Foundation is our guiding light and beacon of hope in our journey towards betterment of the society. With his blessings we will continue our crusade against child labor and illiteracy.

#### Live Blood Donation Initiative-Aashavein

Aashayein is a student initiative of JECRC that works 24\*7 to meet the blood requirements of families in distress. These students are available round the clock for live blood and platelets transfusion and have saved lives of over a hundred patients suffering from dengue when the city was hit by this deadly disease. In emergency cases, these students rush to different hospitals across Jaipur city and donate blood to the needy.

#### Zarurat

Zarurat is a students' organization, working in the direction to provide free of cost elementary education to the underprivileged children living in the nearby slum areas of JECRC, Jaipur. The motive of Zarurat is to not only impart elementary education to slum children but also introduce

them to the modern world of learning in a way that every child should have. Zarurat focuses on imparting a healthy all round development of those children who are deprived of the same. Zarurat started with 60 students from the slum areas and has now grown to more than 150 students. The team distributes clothes, stationery, food items and other essentials to the children at regular intervals to help them continue with their studies.

Zarurat has been organising an annual event "Zarurat-Celebrating Innocence" for children of different NGOs of Jaipur since last 4 years. Around 300 children are a part of this gala event which gives them a day that is full of joy and happiness.

#### First Step

First Step is an initiative taken by the students of JECRC to extend love and support to the senior citizens in need. It was formed 2 year ago with a motive of serving residents of Old Age homes with affection. Students visit old age homes and celebrate various festivals and occasions like Holi, Diwali, and birthdays with them. The senior citizen share their life experiences and instances with the students. In just three years these students have become a part of their family and have established a deep emotional bond with them.

#### SOCH

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





### Activites at JECRC

#### **Sports**

Students of JECRC have participated in curricular, co-curricular and extracurricular competitions organised by other institutions and won several prizes. Sports competitions are organised under the supervision of qualified sports officers. Three new courts have been added this year. A good number of girls have bagged first prizes (shields and trophies) at other institutes in face of very tough competitions. We have ample facilities for indoor & outdoor sports.

#### Joy of Giving

'Joy of Giving Week' is an observance of giving and spreading love. Drenched in the tides of joy, the Joy of Giving Week is celebrated fondly all across the country in the first week of October. JECRC Foundation celebrated the 'Joy of Giving Week-2014' from 2nd Oct to 10th Oct. The student members of 'Zarurat-The Help Beyond', a group working to educate children of underprivileged part of the society, took a step ahead to bring smiles on faces of the children by giving goodies to them. The festival was a joyride, experiencing a massive participation from students and faculty members alike.

#### **Clean & Green Campus Drive**

In pursuance of the Hon'ble Prime Minister's directive, our college has been organizing awareness programs for Swachh Bharat Abhiyan as well as Harit Abhiyan. The students and staff take part in periodic tree plantation, campus cleaning drives and also perform Nukkad Nataks that depict the vitality of cleanliness in our lives. Many dignitaries have visited our campus and appreciated our efforts for this cause.

### **Other Facilities**

#### **Transport Facility**

The college owns a large fleet of buses that provides transport facility to the students and staff and covers a major part of the city.

These buses are also used to transport students to other institutions for participation in their technical, cultural and sports programmes as well as to RTU examination centres. It is also used for local and nearby industrial visits.

All types of public transport are also available just outside the college campus.

#### Hostels

Separate hostels for boys and girls on the campus provide them peaceful and safe living environment along with convenient boarding facilities amidst a green environment. These residential facilities provide sumptuous meals and all amenities needed by students living away from home. Proximity to shopping areas, banking and medical facilities makes living convenient and comfortable. Hostels also have ample provisions for indoor sports.

#### Library

The library functions as the focal point of academic and research activities for faculty members, students and staff. The collection comprises printed publication as well as non-book collections like audio/video cassettes and CD-ROM discs, etc. All library processes are automated including bar-coded ID cards and separate Online Public Access Catalogue (OPAC) terminals, to know the status of books at any point of time. The central library at JECRC is also a member of Developing Library Network (DELNET) for sharing the resources among its member libraries. The library is connected to high speed internet and intranet of the JECRC network.









### **Other Initiatives**

#### **Scholarships**

As per circular No. F.1-27/2009 (SCT) dated February 2013, issued by the University Grants Commission (UGC), New Delhi, all eligible SC/ST, OBC, PwD, students should submit their scholarship form for the academic year by February for processing of scholarship to SC/ ST, OBC, PwD students each year.

#### Women Cell

A seven member Women Cell has been formed to look after the security and grievances of female staff and students as well as to work towards gender sensitization under the guidance of Vice Chairman, JECRC. This cell has been established as per the guidelines and instructions of AICTE, Govt. of India and RTU. This cell organizes informal talks, personal counselling, general interactions and lectures.

#### **On Campus Electronic Surveillance**

CCTV Cameras have been installed at various strategic points in the campus which record all the activities in the campus on a 24\*7 basis. This has been done to ensure greater safety and protection of our students and staff and to also assist in the general administration of the institution.

#### **Anti-Ragging**

As per guidelines issued by the Hon'ble Supreme Court of India, an 'Anti-ragging Committee' has been formed at the JECRC college and this high-powered committee functions under the chairmanship of the Vice Chairman, JECRC. Any student found guilty of ragging is liable to face severe punishment, which may include being debarred from lectures and examinations, exclusion, rustication and fine. Any complaint of ragging will also be lodged with police. However, with collective efforts of the faculty, management directives and support of our students, no incident of ragging has been reported in recent years at the campus. The JECRC campus therefore is ragging-free.

#### **Smoking-Free and Tobacco-Free Campus**

As per recent communication ( copy of D.O. No. 1-9 / 2006 (CPP-II) dated April 3, 2013 ) received from the Ministry of HRD through the

University Grants Commission and Rajasthan Technical University, Kota, the campuses of all educational institutions have to be SMOKE FREE and TOBACCO FREE. Accordingly, use of cigarettes and other tobacco products is totally prohibited on the campus.





### Alumni Outreach-Alma Connect

Our alumni are the custodians of our heritage and JECRC alumni-relation team "ALMACONNECT" is working exclusively to make a strong alumni base. JECRC Foundation has taken this initiative to recollect, share and make memories, to nurture a lifelong relationship with our alumni who have brought laurels to the Foundation. Team Almaconnect has successfully organised Chapter meets covering Bangalore and NCR Regions. Reaching overseas, team has also arranged Alumni Reunions at Dubai, with the next chapters on the list.

Recently under this initiative, some alumni events such as Online LAN Gaming, Entrepreneurship Session and Online Debate Session have been successfully conducted during RENAISSANCE'15 under the section "Alumni Reminiscence".

Apart from these events, alumni also share, their special moments of their time through short videos. "Alumni Reminiscence" is our new endeavour to connect back to the old warriors of the Renaissance whom we owe this whole celebration. Our alumni are the ambassadors of our culture and with this small initiative we try to strengthen the beautiful relation we share with them, living the nostalgia. As it is always easy to drift apart from people, but ones who are loved should always be kept close to our hearts.





### JECRC UDML **College of Engineering**

JECRC UDML College of Engineering is an institution of the JECRC Foundation - a leading educational group of North India with a track record of more than a decade in producing talented and skilled engineers. The campus is equipped with myriad facilities comprising digital library, wi-fi campus, language lab, separate hostels for boys and girls, sports complex, transport facility and large number of active clubs.

The JECRC UDML College of Engineering offers admissions in B.Tech-2015, a four-year graduation in Bachelors of Technology. The college is affiliated to Rajasthan Technical University, Kota and approved by AICTE, New Delhi. It also offers lateral entry in the 2nd year of B.Tech programs for diploma holders

Students can opt for any of the following branches at JECRC UDML (College Code: 062)

Civil Engineering Computer Science & Engineering Electronics & Communication Engineering Mechanical Engineering

JECRC UDML College of Engineering M: +91 98290 17763, +91 98290 64290 info@udml.ac.in















JECRC University was established in the year 2012 with a view to provide world class education to young minds in order to prepare them to shoulder their global responsibilities. 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. Academic programs offered are designed to facilitate students to channelize their curiosity and project their best talent manifested in academic and co-curricular performance. JECRC University is fully furnished in terms of a serene and beautiful campus, well equipped labs, well stocked library, fully air conditioned hostel cubicles, sports facilities and clubs to ensure appropriate learning beyond classrooms. The faculty members at JECRC University come from top notch institutions and industries in India including IITs/NITs and even from foreign universities. Internationally reputed knowledge partners 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. JECRC University curriculum gives equal stress on soft skills including communication, aptitude, leadership & team building, analytical and logical thinking and problem solving with research embedded even at the UG level.



#### The various schools running under JECRC University are:

- School of Engineering
- School of Sciences
- School of Computer Sciences
- School of Management
- School of Arts and Commerce
- All the schools conduct undergraduate, postgraduate & doctoral programs.
- Toll Free Number: 1800-102-5616

### Contact Us

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Approved by AICTE & Affiliated to RTU, Kota

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