

JECRC UNIVERSITY, JAIPUR

ANNUAL REPORT 2016-17

Foreword



I am privileged to present the Annual Report (2016-17) of the JECRC University, Jaipur (JU). This report covers the activities for the period 01 July 2016–30 June 2017. Our effort has been towards strengthening the activities of various bodies as per the requirements of the JECRC University Act and to establish adequate infrastructure and facilities for smooth operations of the University.

The University is spread over an eco-friendly campus of 31.89 acres with a total constructed built-up area of over 8 lakh sq ft class rooms, laboratories, workshops, student welfare facilities, sports ground, seminar and cafeteria rooms, moot court etc.

The JU campus is fully Wi-Fi enabled and the library, with reading room capacity

of over 100 students, possesses 27,443 books, 2486 journals and magazines. As a part of our expansion program to provide comfort to students who hail from different parts of the country, we have fully furnished air conditioned boys and girls hostels within the campus.

The well qualified faculty, trained at the best Institutions of the country are a significant step towards high quality resource generation. For good and effective academic governance of the University, in addition to the Board of Management, the Academic Council has also been constituted as per the approved Statutes of the University.

The University conducts the programs at all levels of UG, PG, Ph.D. in the faculties of Science, Engineering, and Management. We introduced new UG courses in Agriculture, Design, Journalism and mass communication. The policy of “No Ragging, No Smoking”, has been effectively implemented in JU Campus. All the activities of JU progressed very well as per the planned schedule.

I take this opportunity to express my gratitude to the Chairperson of the University and the Members of the Board of Management for their guidance and continuous support. Last but not the least, I express thanks to all the faculty members and non-teaching staff of the University for their co-operation to attain the objectives of the University.

Prof. (Dr.) D.P. Mishra

President

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JECRC UNIVERSITY, JAIPUR

An Overview

2016-2017

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. 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 is Build Your World.

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 one moves ahead and rises higher in one's life, you must entrench yourself in this unique blessing that our culture endows to us.

Below is an overview of prominent landmarks in the period of JECRC University Annual Report 2016 – 17.

UNIVERSITY DATA 2016-17

Academic structure

1.	Total strength of the staff in the University	423
2.	Total strength of Academic staff in the University	240
3.	Total strength of Non- Academic staff in the University	183
4.	Departments in the University	19
5.	Schools in the University	05

Courses offered in the University:

1.	25 courses at UG/PG/Diploma levels
2.	Doctorate programs in 05 disciplines

New Courses/ Programs introduced:

1.	B.A.- Journalism and Mass communication
2.	B.Sc.- Hospitality and Hotel management
3.	B. Sc.-Jewellery Design & Manufacture
4.	B. Sc.-Interior Design.
5.	B. Sc.-Graphic Design
6.	Bachelor of Law (LL.B 3 Years)
7.	B.Sc. LL.B (Hons.) BBA LL.B (Hons.) B.Com LL.B (Hons.) BA LL.B (Hons.) - 5
8.	B.Sc. (Hons.) Agriculture- 4 Years

Students:-

Courses offered	Program	Annual Intake	Number of Applications	Girls	Boys	Total
Masters in the department	M.Sc		39	27	12	39
	M.Tech		28	18	10	28
	MBA		69	40	29	69
	MCA		166	40	126	166
	Ph.D		28	13	15	28
Bachelors in the department	B.A (Journalism and Mass Communication)		40	22	18	40
	B.Com		62	15	47	62
	B.Sc		219	105	114	219
	B.Sc Agriculture		155	37	118	155
	B.Sc. (Hospitality and Hotel Management)		32	5	27	32
	B.Tech		2906	577	2329	2906
	Bachelor of Law		13	7	6	13
	BBA		239	53	186	239
	BCA		152	25	127	152
	Design		48	27	21	48
	Integrated Law		57	25	32	57

Total Students:

1	Total Number of new students in the University Programs.	1667
	B.Tech	754
	UG	755
	PG	158
	Diploma	NIL

No. of Students Enrolled in Ph.D., Session 2016-17			
Faculty	Male	Female	Remark
Science	00	02	
Engineering	00	02	
Management	00	00	
Humanities	00	00	
			Total = 04
No of Ph.D. Awarded, Session 2016-17			

Faculty	Male	Female	Remark
Science	01	00	
Engineering	01	00	
Management	00	00	
Humanities	00	00	
			Total = 02
Total No. of Foreign Students in Ph.D., Session 2016-17			
Faculty	Male	Female	Remark
Science	00	00	
Engineering	00	00	
Management	00	00	
Humanities	00	00	
			Total = 00

University Library

Details of Information Resources

S.No.	Particulars	Quantity
1	Total no. of Volumes	27443
2	Total no. of Titles	6911
3	Volumes added (1July 2016-30 June 2017)	4598
4	No of Journals (Print)	2486
5	No of Journals (Online)	5000+
6	No of Back volumes	
7	No of CD/DVD	Books CD/DVD- 368
8	No of thesis/dissertations/project reports	

Members

S.No.	Members	Numbers
1	Faculty and Staff	388
2	Research Scholars	22
3	Students	3526

Circulation Status

S.No.	Books circulated	Numbers
1	Issued	2261
2	Due	1921

Total Expenditure

S.No.	Particulars	Amount (Rs)
1	Books	397440.00
2	Journals	76000.00

3	Newspaper/magazines	
4	Maintenance(Binding of Books/journals, Electronic equipments and others)	

Library Personal

S.No.	Members	Numbers
1	Teaching	01
2	Non Teaching	07

Details of the personal

S.No.	Name of Personal	Qualification	Designation	Experience	
1	Dr Vinay Singh Kashyap	Ph D (LIS), NET (LIS), M A (English), MLIS (Gold Medalist) BLIS(Gold Medalist)	Librarian (Assistant Professor)	4years 2 months in JECRC University; 12 years in LIS profession	
2	Rakesh Sain	MLIS, M.A.(Public Administration)	Library Assistant	4 Year 8 Months JECRC University; 6years as LIS professional	
3	Ritu Shrivastava	Ph D (LIS) , MLIS, M A	Assistant Librarian	4 Year JECRC University; 6 years as LIS professional	
4	Kokila Chaturvedi	B Sc/ B.Ed/ M.Phil (LIS)	Library Assistant	1 yr in JECRC University; 11 yrs as LIS professional	
5	Braj Mohan Sharma	MLIS, B.Ed	Library Assistant	2 Year 6 Month	
6	Sudhakar Sharma	M.Phil , MLIS	Library Assistant	2 years 5Months	
7	Rakesh Gurjar	B A BLIS	General Duty Worker	3 years	
8	RadhaMohan Sharma	-		5 years	
9	Ganga Prasad Pareek	-		1year 6 months	

Events Organized

Report: One day seminar on World Book Day- 23 April 2017 (Sunday) on

Central Library, JECRC University organised the one-day seminar on world book the day on 23-04-2017.

The event was inaugurated by lighting of the lamp by the Guest of honour Dr Ravinder Chadha, Chief Guest Dr Pawan Kumar Gupta, Dr Rohit Jain, Advocate, High Court, Rajasthan and Honourable President Prof. D P. Mishra and Mr Kishore Pareekh, Prof Widhi Dubey , Dr P K Santra and Dr Swapna Santra.

In the Introduction lecture, Dr (Ms) Vinay Singh Kashyap, organising secretary, briefed about the event. She said that World Book Day is celebrated to provide the people with many ideas and plans to make them aware of the situation and condition in the World. World Book Day is celebrated to provide the people to gather knowledge about many types of Books which makes them get the specific knowledge about their requirements. World Book Day is used to celebrate on the 23rd April to make the people increase their knowledge about various things in the World which many of the people don't know it. She, than welcomed all the distinguish guests and participants. Honourable President Sir, in his speech detailed about the aims and objectives of Our University. He also gave a brief introduction about the infrastructure and teaching learning environment of JECRC University, Jaipur.

Dr. Ravinder Chadha spoke on the topic, "*Librarians and Challenges in IPR*". He said that in e-publication the IPR plays an important role. The authors as well as publisher have to follow this issue very strictly. He also articulated the availability and use of e resources provided through INFLIBNET and National Digital Library. He told that, it is the responsibility of Library Professional, to make aware their library users about terms and policy to use the e-contents in research.

Mr Kishore Pareekh in his poetic form described the importance of world book day. He said that we have to work in a way to create awareness about print media also. In Indian students still print books are popular .He said that the smell and feel of books cannot be replaced by the electronic media.

Dr Rohit Jain, Advocate, High Court, Rajasthan in his keynote speech, said that today IPR is the very sensitive issue. Everyone has to care about all the laws time to time amended as per our constitution. In his informative presentation he touched every aspect of copyright Law, patent law, intellectual property rights and cyber laws. He also discussed about the penalties and punishments imposed during breach of rules. He than appealed all the LIS professionals to once read carefully **Section 51 in the Copyright Act, 1957**, so that every one who is in contact with the library may get aware of the consequences of IPR. Dr Pawan Kumar Gupta, in his speech delineated about the copy paste culture among scholars. He also

spoke on e-resources available as open access. He talked about Shodganga and Shodhgangotri projects of INFLIBNET. He added that the reading habits among scholars are decreasing. The result has been originated in terms of copy and paste. He talked on plagiarism issues also.

Two participants were awarded for first registration as LIS Professionals and Research Scholars. The inaugural session was ended with vote of thanks given by organising secretary. She then invited all the guests and participants for high tea.

After refreshment all the participants enjoyed an activity on team building capacity. The objective of the activity was to develop team work ability among library members. The library is itself an organisation and every member plays an identical role in fulfilling the aim of the parent institution.

The winners were awarded with an appreciation gift.

Next session after the lunch was another exciting one. Dr Vijakumar Mallapa, Librarian, Central University of Rajasthan, addressed the gathering with his impressive lecture on e-Resources and Plagiarism in Scholarly Writings. He practically demonstrated the plagiarism in two different writings. He also briefed about URKUND anti plagiarism software. He also addressed the gathering on various aspects viz. IPR, copyright, plagiarism, Policies and procedures for the fair use of information and so on.

Nearby fifty participants were benefited from the lectures. The event was concluded with the distribution of certificates among the participants.

We, the library team, Central Library, JECRC University thanks, everyone who helped us for the successful completion of the event. Thank you all.



Report: One day seminar on 125th Birthday Celebration of Dr. S R Ranganathan on August 12, 2017 on “Quality and Standards in Library and Information Science”

Central Library, JECRC University organized the one-day seminar organized one-day seminar on the 125th birthday celebration of Dr. S R Ranganathan on 12th August 2017.

The event was inaugurated by lighting of the lamp by the Guest of honour Dr. V K Anand, Chief Guest Dr. Pawan Kumar Gupta, Special Guest Dr. Ravinder Chadha, Dr. S P Sood, Honourable President Prof. D P. Mishra and Honourable Registrar Shri S L Agarwal.

In his speech, honourable registrar Shri S L Agarwal sir welcomed the guest. Honourable president sir in his inaugural speech briefed about the aims and objectives of Our University. He also gave a brief introduction about the infrastructure and teaching learning environment of JECRC University, Jaipur.

A felicitation Programme was held next to it. JECRC University honoured selected LIS professionals for their valuable contribution towards society as Library and Information Science Professionals. These are Dr. V K Anand, University Librarian, Rajeev Gandhi National Law University, Patiala, Punjab; Dr R K Chadda, Joint Secretary, Parliament, Government of India; Dr P K Gupta, Ex Director , Central Library, University of Rajasthan; Dr S P Sood, Ex Professor, Department of Library and Information Science, University of Rajasthan; Dr Vijay Kumar M. University Librarian, Central University of Rajasthan; Smt Shanta Sharma, Librarian, SMS Medical College , Jaipur; Shri Deep Singh, Librarian, MNIT; Dr Neeraj Chouhan, University Librarian, Mahatma Gandhi University for Medical Sciences; Dr Bhoop Singh , University Librarian, BSDC, Jaipur; Dr Deepak Shrivastava, Librarian, Public Library of Kota; Sitaram, Librarian, Poornima University and all the library professionals of Central Library, JU and ICT professionals , JU.

Dr. Ravinder Chadha spoke on the topic, Quality and Standards in Libraries. He said that in ICT age LIS professionals have to develop their Communication skills. Every Librarian has to update with latest information and ICT skills. He also articulated the availability and use of e resources provided through INFLIBNET and National Digital Library. He told that it is the responsibility of Library Professional, to make aware their library users about terms and policy to use the e-contents in research.

Dr. Pawan Kumar Gupta, in his speech, sketched the life of Dr. S R Ranganathan from Professor of Mathematics to professor of Library Science now Library and Information Science. He also briefed about the five laws of Library Science.

Two participants namely Garvita Jamb, Research Scholar, University of Delhi, and Dr. Saranjeet Kaur, Shri Guru Govind Singh College for commerce, New Delhi were awarded for first registration and first submission of a research article for the book being published on the 125th Birthday celebration of Dr. S R Ranganathan.

Dr. V K Anand, in his visual presentation on the topic “To where... To Where... To Where...” narrated the journey of LIS professional. He said that today adoption of new technology is need of hours. If we have to sustain in the profession LIS professionals have to enhance their knowledge according to the time.

The inaugural session was ended with vote of thanks given by organizing secretary. She then invited all the guests and participants for high tea.

After refreshment Panel discussion was held on the Topic Quality and Standards in LIS Education. It was an interactive session. The panelist was Dr. V K Anand, Dr. R K Chaddha, Dr. P K Gupta, Dr. Purnima Kaushik, Dr. S P Sood, Dr. Vijay Kumar M. The Rapporteur was Dr. Nandini Kahattar. Mr. Raj Kishore Kampa acted as moderator for the session. Following issues were raised

- Quality of Research in LIS
- Quality improvement in LIS education System.
- Indicators for quality assessment
- Revision of LIS curriculum with Industry exposure.

The session was concluded with the announcement for lunch.

The participants enjoyed the delicious lunch in the university mess.

The second-panel discussion was on Quality and Standards in Libraries. The panelist were Mrs Shanta Sharma, Expert from Medical Library; Professor Mahesh Koolwal , Director, School of Law, JECRC University, Legal Expert; Dr P K Panigahri, Expert from Engineering Library , Dr V K Anand, Expert from Law Library, Dr R K Chaddha, Expert from Parliament Library, Dr P K

Gupta , Expert from University Library system. The rapporteur was Dr. Nandini Kahattar. Mr. Raj Kishore Kampa acted as moderator for the session. Following issues were raised

- Certification process for Libraries
- Standards for Library Building, Infrastructure, Collection, Services and, Personals
- Quality measures for the special library system.

Nearly Sixty-five participants were benefited from the event. The event was concluded with the distribution of certificates among the participants.

We, the library team, Central Library, JECRC University thanks, everyone who helped us for the successful completion of the event. Thank you all.

पुस्तकालय दिवस पर संगोष्ठी हुई



सीतापुरा ■ जेईसीआरसी विश्वविद्यालय में शनिवार को राष्ट्रीय पुस्तकालयाध्यक्ष दिवस के मौके पर एक दिवसीय संगोष्ठी का आयोजन किया गया। इस मौके पर राजीव गांधी नेशनल लॉ यूनिवर्सिटी के पुस्तकालयाध्यक्ष डॉ. वीके आनन्द ने कहा कि सूचना प्रौद्योगिकी के युग में पुस्तकालय एवं पुस्तकालयाध्यक्षों की आवश्यकता एवं भूमिका बढ़ रही है। सही सूचना को सही पाठक तक पहुंचाने के लिए उपकरणों का उपयोग आवश्यक हो गया है। संसद पुस्तकालय के सेवानिवृत्त संयुक्त सचिव डॉ. आरके चड्ढा ने सूचना मानकों से अवगत कराया। उन्होंने कहा कि डॉ. रंगनाथन के मानकों के सुधार को लागू किया जाना चाहिए। राजस्थान विवि के सेवानिवृत्त निदेशक डॉ. पीके गुप्ता ने डॉ. रंगनाथन की जीवनी से अवगत कराया। उन्होंने कहा कि डॉ. रंगनाथन का पुस्तकालय विज्ञान में

अतुलनीय योगदान रहा है। उनकी प्रतिपादित पुस्तकालय विज्ञान के पांच सूत्रों की पालना करते हुए प्रदान की गई सेवाएं पाठकों को संतुष्टि प्रदान करती हैं। जेईसीआरसी यूनिवर्सिटी के प्रिंसिपल डॉ. डीपी मिश्रा ने यूनिवर्सिटी के पाठकों एवं पठन प्रणाली से अवगत कराया।

इससे पूर्व रजिस्ट्रार एसएल अग्रवाल ने अतिथियों एवं प्रतिभागियों का स्वागत किया। इस अवसर पर पुस्तकालय एवं सूचना विज्ञान के क्षेत्र में अपने विशिष्ट योगदान के लिए डॉ. विजय कुमार एम, पुस्तकालयाध्यक्ष, केन्द्रीय विश्वविद्यालय, डॉ. दीपक श्रीवास्तव, पुस्तकालयाध्यक्ष, पब्लिक लाइब्रेरी कोटा, शांता शर्मा, पुस्तकालयाध्यक्ष, एसएमएस मेडिकल कॉलेज को प्रशस्ती पत्र एवं स्मृति चिन्ह प्रदान कर सम्मानित किया गया।



Mon, 14 August 2017
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University Finance & Accounts

JECRC UNIVERSITY					
Balance Sheet as on 31.03.2017					
LIABILITIES	SCH	AMOUNT	ASSETS	SCH	AMOUNT
Corpus		49,42,00,000.00	Fixed Assets	5	2,11,28,02,127.79
Reserve & Surplus	1	16,21,32,393.97	Current Assets		
Secured Loans	2	84,39,71,478.53	Deposits	6	2,29,66,096.89
Unsecured Loans	3	11,40,00,000.00	Loans & Advances	7	6,74,66,689.00
Current Liabilities & Provisions	4	60,76,35,117.36	Cash & Bank	8	1,86,35,663.18
			TDS RECEIVABLE		69,413.00
		2,22,19,38,989.86			2,22,19,38,989.86

For JECRC University

Place: Jaipur
Dated: 30.10.2017

O. P. AGRAWAL
(CHAIRMAN)

As per our audit report of even date
For Vimal Agarwal & Associates
(Chartered Accountants)
FRN: 004187C

(Vimal Agarwal)
(Partner)
M. No. 71627

SPORTS:-

- West Zone Inter University Basketball tournament held at University of Rajasthan, Jaipur (22.10.2016 to 26.10.2016).
 - 1st Match- Walkover against Swarnim Gujarat Sports University, Gandhinagar
 - 2nd Match- Beat Pacific University Debari, Udaipur by 44-23
 - 3rd Match- Lost to LNIPE, Gwalior by 32-71
- West Zone Inter University Football Tournament held at Barkatullah University Bhopal from 4th January to 12th January 2017
 - (i) Beat Vikram University Ujjain by 3-2
 - (ii) Beat Agriculture University Bikaner by 2-0
 - (iii) Lost to Saurashtra University Rajkot by 1-0

Total 62 teams participated

West Zone: - Rajasthan, Madhya Pradesh, Gujarat, Maharashtra & Goa.

3. All India University American Football Championship held at MDU, Rohtak from 9th March to 11th March 2017

JECRC University Girls Flag Football team Won Silver Medal in the Tournament.

1. Beat Jaipur National University by 8-0
2. Beat Poornima University in Semi Finals by 21-0
3. Lost Against MDU, Rohtak in Finals by 21-16

Boys Team lost to Chandigarh University by 1-0 in Extra time.

ACHIEVEMENTS

1. VARCHAS '16' (IIT Jodhpur) - 29.09.2016 to 02.10.2016

Participated in

- (i) Chess- 1st
- (ii) Basketball- 2nd
- (iii) Badminton- Nil (Semi-Finals)
- (iv) Football- Nil (Semi-Finals)
- (v) Cricket- Nil

49 Players Participated

3. DESPORTIVOS – LNMIIT JAMDOLI, Jaipur (20.01.2017 to 22.01.2017)

1. Basketball- Won by 2 points against Delhi University (1st Match)
2. Lost to Gurugram University by 2 points.

Chess- Cleared Three Rounds.

Football- Won 2 Matches.

Beating Jaypee University Gurugram & Arya College.



RESEARCH PROJECTS:-

1. JU WTP (JECRC WOMEN TECHNOLOGY PARK) PROJECT SPONSOR: DEPARTMENT OF SCIENCE AND TECHNOLOGY (DST), NEW DELHI

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

The Project envisages training/ support to women population from 3000 households covering about 6000 to 7000 women beneficiaries over a period of 3 years. RWTP shall be a great opportunity for the women of Rajasthan to establish them as an independent identity earning a livelihood for their families and raising their head high with self-esteem. Women Scientist A Scheme JECRC University faculties are not only involved in teaching but also awarded with the country's most prestigious fellowship Women Scientist A. In this project faculty cum women scientist A are working on high technologies for Isolation of pure bioactive from Arid Zone plants with potentials as anti-cancerous, antimicrobial and anti-diabetic agents. This novel bioactive will lead to therapeutic targets for future generation. The project scheme is of 2.5 million (Rs. 25 lakhs) funded from Department of Science and Technology, New Delhi, India to give scientist explores the innovative ideas into drug development. Provisional patents are also submitted for isolation of novel antibiotic for the treatment of Nosocomial infections. A three-day group monitoring workshop of Department of Science and Technology, Government of India, New Delhi was held at JECRC University from 23rd to 25th February 2015 whereby various research projects were presented, another feather in the cap of JU. Subject Expert Committee Meeting of Women Scientist A (WOS- A) Life Sciences. The meeting was held fourth time in the campus. Remarkable brainstorming sessions from Morning 9 am to 6 pm where more than 100 women participants from various states of the country including Karnataka, Gujarat, Maharashtra, Orissa, West Bengal, Uttar Pradesh and much more. These participants presented their presentations on different research frontiers and selected researchers will get a grant of Rs. 25 lakhs. More than 25 crore projects were discussed in three days by nine experts committee members who are experts in

Life Sciences from all over the country. for e.g. 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.

2. Dr. Seema Bhadauria, Associate Professor and Head Department of Microbiology, JECRC University, Jaipur, India is a **Principal Investigator- WOS-A Scheme** Sponsored by Dept. of Science & Technology, New Delhi. The project entitled “*In vitro* standardization of dermatophytes and keratinophilic fungi by compounds of plant origin” (2013-2016).

Administrative Setup of the University

CHANCELLOR OF THE UNIVERSITY - Shri O.P. Agrawal

VICE CHAIRPERSONS OF THE UNIVERSITY - Shri Amit Agrawal
Shri Arpit Agrawal

PRESIDENTS OF THE UNIVERSITY

Brig (Dr.) S.S Pabla	2012 - 2014
Prof. (Dr.) Victor Gambhir	2014 – 2016
Prof. (Dr.) D.P.Mishra	2016 -

UNIVERSITY BODIES AND THEIR MEMBERS

Chairperson: (Chancellor)

Chancellor	Shri O.P. Agrawal
Vice Chairpersons	Sh. Amit Agrawal Sh. Arpit Agrawal
President	Prof. (Dr.) D.P.Mishra
Pro- President / Provost	Prof. Ram Rattan
Registrar	Shri S.L.Agrawal

Deans of Faculties

Prof. Ram Rattan	Dean, Faculty of Engineering
Prof. R. N. Prasad	Dean, Faculty of Science
Prof. Mahesh Chand Koolwal	Dean, Faculty of Law
Prof. Parul Agrawal	Dean, Faculty of Management

University Bodies & their Members

(Board of Management)

	Shri O.P. Agrawal	Chairperson
	Prof. D.P.Mishra	President
	Shri M.L. Sharma	Member
	Shri Amit Agrawal	Member
	Shri Arpit Agrawal	Member
	Dr. S.N. Gupta	Member

	Dr. Widhi Dubey	Member
	Dr. Sapna Sharma	Member
	Dr.Pooranchand Bansal	Member
	Commissioner – College Education	Member
	Shri O.P.Agrawal	Member
	Shri S.L.Agrawal (Registrar)	Member Secretary

(Executive Committee)

Chairperson: Shri O.P.Agrawal

Member Secretary: Shri S.L.Agrawal, Registrar

	Sh.Amit Agrawal	Member
	Sh.Arpit Agrawal	Member
	Prof. D.P.Mishra, President	Member
	Pro-President	Member
	Prof. Parul Agarwal, Dean, School of Management	Member
	Prof. R. N. Prasad, Dean, School of Sciences	Member
	Prof.R.P.Sharma, Professor (Mathematics)	Member

(Academic Council)

Chairman: President

Secretary: Registrar

Members

Prof. Vasudha Kamath.	Member
Prof. Harsh Dwivedi	Member
Dr.Ram Rattan	Member
Dr. R.N. Prasad	Member
Dr. M.C.Koolwal	Member
Dr. Parul Agrawal	Member
Dr. Widhi Dubey	Member
Dr.Manmohan Singh Sodhi	Member
Dr.Naveen Hemrajani	Member
Dr.R.K.Bansal	Member
Dr.Aalok Pandya	Member
Dr.Sanjay Sharma	Member
Dr.Deepak Dembla	Member
Dr.Dinesh Sethi	Member
Dr.K.M.Singh	Member
Dr.Neeraj Khattri	Member
Dr.Sapna Sharma	Member
Dr.Seema Bhadauria	Member
Dr.Rajesh Yadav	Member
Dr.Sonali Pandey	Member
Dr.Abhay Kumar Jha	Member
Dr.Hardik Pathak	Member
Dr.Amit Shrivastava	Member
Ms Shivani Kaushik	Member
Mr Ketan Jangir	Member

Mr Manbir Singh	Member
Mr Anirudh Sharma	Member
Shri S.L.Agrawal	Member

(Finance Committee)

Shri O.P. Agrawal	Chairperson
President	Member
Shri M.L. Sharma	Member
Shri Amit Agrawal	Member
Registrar	Member
Dr. Mahesh Chand Koolwal	Member
Shri Vinit Agrawal	Member Secretary

(Board of Studies)

School of Engineering: B.Tech. Ist Year

Dr. Ram Rattan	Chairperson
Dr. M.C. Koolwal	Member
Dr. Manmohan Singh Sodhi	Member
Dr. R.P. Sharma	Member
Dr. Aalok Pandya	Member
Dr. Sanjay Kumar Sharma	Member
Dr. Sapna Sharma	Member
Dr. Abhay Kumar Jha	Member
Dr. Pranav Saxena	Member
Dr. Dinesh Sethi	Member
Mr. Amit Srivastva	Member
Mr. Ajay Kumar	Member
Dr. Keshav Nath	Member
Prof. G.C. Sharma	External Member
Prof. R.S. Tomar	External Member
Prof. J.N. Sharma	External Member
Prof. M.S. Gaur	External Member
Prof. Sudhir Raniwala	External Member
Prof. M.P. Dhobal	External Member
Prof. B.D. Rawat	External Member
Prof. V.V. Singh	External Member
Prof. S.L. Soni	External Member

School of Engineering: Civil Engineering Department:

Mr. Anirudh Sharma	Chairperson
Mr. Anil Kumar Sharma	Member
Dr. J.K. Jain	External Member
Dr. S.K. Tiwari	External Member

School of Engineering: Electrical Engineering Department:

Dr. Amit Shrivastva	Chairperson
Prof. R. P. Singh	Member
Mr. B.S. Jha	Member
Mr. Shashikant Vij	Member
Ms. Divya Mathur	Member
Prof. R.A. Gupta	External Member
Dr. Vivek Shrivastva	External Member

School of Engineering: Electronics Communication Engineering Department:

	Dr. Dinesh Sethi	Chairperson
	Dr. Ram Rattan	Member
	Dr. K.M. Singh	Member
	Maj. Gen. Tapan Kumar Das	Member
	Mr. Laxmi Chand	Member
	Ms. Parul Pathak	Member
	Mr. Manoj Gupta	Member
	Dr. K.K. Sharma	External Member
	Dr. Ghanshyam Singh	External Member

School of Engineering: Mechanical Engineering Department:

	Dr. Manmohan Singh Sodhi	Chairperson
	Mr. Ladley Mohan	Member
	Mr. Prem Singh	Member
	Mr. Ansul Kumar Panchbhaiya	Member
	Prof. G.S. Dangayach	External Member
	Mr. Sandeep Naga	External Member

School of Engineering: Computer Science & Engineering Department:

	Prof. Naveen Hemrajani	Chairperson
	Prof. C.S. Lamba	Member
	Dr. Surendra Kumar Yadav	Member
	Dr. Narendra Singh Yadav	Member
	Mr. Vijay Prakash Sharma	Member
	Dr. Sunita Gupta	Member
	Prof. M.C. Govil	External Member
	Mr. Yogendra Singh	External Member

School of Engineering: Information Technology Department:

	Dr. Deepak Dembla	Chairperson
	Dr. Manju Kaushik	Member
	Mr. Himanshu Sharma	Member
	Dr. Reema Ajmera	Member
	Mr. Hitendra Agarwal	Member
	Prof. M.C. Govil	External Member
	Mr. Vijish Vijayan	External Member

School of Sciences (Life Science):

	Prof. Widhi Dubey	Chairperson
	Dr. Sonali Pandey	Member
	Dr. Ekta Menghani	Member
	Dr. Seema Bhadauria	Member
	Dr. Varsha Gupta	Member
	Dr. Mona Arora	Member
	Dr. Hardik Pathak	Member
	Prof. K.P. Sharma	External Member
	Prof. Meenakshi Sharma	External Member
	Prof. G. C. Jain	External Member
	Dr. Sarita Sachdeva	External Member

School of Sciences (Physics):

	Prof. Aalok Pandya	Chairperson
	Prof. Manisha Gupta	Member
	Dr. Pranav Saxena	Member
	Dr. Manish Kumar	Member
	Dr. Chandan Joshi	Member
	Prof. Deepak Bhatnagar	External Member
	Dr. Ashok Nagawat	External Member

School of Sciences (Mathematics):

	Dr. Abhay Kumar Jha	Chairperson
	Dr. R.P. Sharma	Member
	Dr. Deepa Mordia	Member
	Dr. Monika Jain	Member
	Dr. Devendra Kumar	Member
	Dr. V. D. Joshi	Member
	Prof. P.R. Sharma	External Member
	Dr. Anil Sharma	External Member

School of Sciences (Chemistry):

	Prof. Sanjay Kumar Sharma	Chairperson
	Prof. R. N. Prasad	Member
	Dr. Sapna Sharma	Member
	Dr. Priyanka Dhingra	Member
	Dr. Sonu Pareek	Member
	Dr. Swapna Santra	Member
	Dr. Saurabh Dave	Member
	Dr. Nidhi Bansal	Member
	Prof. Pahup Singh	External Member
	Dr. M.P. Dhoval	External Member

School of Sciences (Agriculture)

	Dr. R.K. Bansal	Chairperson
	Dr. Widhi Dubey	Member
	Dr. Sonali Pandey	Member
	Dr. K. Ramakrishna	External Member
	Dr. Sawroop Singh	External Member

School of Sciences (Design)

	Ms. Shivani Kaushik	Chairperson
	Ms. Abhilasha Dashora	Member
	Mr. Rajendra Guneja (Mech Engg)	Member
	Ar. Ajay Chaudhary	External Member
	Mr. Madan Kendre	External Member

School of Management:

	Prof. Parul Agrawal	Chairperson
	Mr. Rishi Sharma	Member
	Dr. Sachin Gupta	Member
	Mr. Ciby James	External Member

School of Management: (Hospitality and Hotel Management)

	Mr. Manbir Singh	Chairperson
	Ms. Somya Negi	Member
	Mr.PradyumanRathore	External Member
	Mr.DhruvankCharan	External Member
	Mr.Mukund	External Member

School of Humanities (Journalism & Mass Communication)

	Dr. Neeraj Khattri	Chairperson
	Shri Shailendra Pratap Singh Bhati	Member
	Prof. (Dr.) Vikram Kaushik	External Member
	Shri Yash Goel	External Member

(Grievance Reddressal Committee)

	Prof. R.N. Prasad	Chairperson
	Prof.Mahesh Chand Moolwal	Member
	Prof. Naveen Hemrajani	Member
	Prof. Widhi Dubey	Member
	Ms. Ritu Sisodia	Student Representative
	Dr. Manju Kaushik	Member Secretary

(Sexual Harassment Committee)

	Prof. Manisha Gupta	Presiding Officer
	Dr. Abhay Kumar Jha	Member
	Dr. Megha Acharya	Member
	Ms. Anju Kalwar	Member
	Mr. Vimal Bhardwaj	Member
	Ms Ritu Sisodia	Student Representative
	Ms Mansi Manchanda	Student Representative
	Mr Kartik	Student Representative
	Ms Smriti Singh	NGO Representative

(Anti Ragging Committee)

	Prof. R. N. Prasad	Chairman
	Prof.Ram Rattan	Member
	Prof. Parul Agrawal	Member
	Prof. Widhi Dubey	Member
	Prof. Naveen Hemrajani	Member
	Major Gen. T.K. Das	Member
	Prof. R.K.Bansal	Member
	Prof. M C Koolwal	Member

(Proctorial Board)

	Dr. Surendra Kumar Yadav	Proctor
	Mr. Ladley Mohan Verma	Dy. Proctor
	Mr. Ravi Shankar Sharma	Dy. Proctor
	Mr. Deepak Verma	Member
	Ms. Nidhi Chawla	Member
	Ms. Shruti Mathur	Member
	Mr. Shashikant Vij	Member
	Mr. Manoj Gupta	Member

	Mr. Rahul Jain	Member
	Mr. Sabhilesh Singh	Member
	Mr. Abhishek Vishwakarma	Member
	Ms. Reema Ajmera	Member
	Mr. Raja Bhatti	Member
	Dr.Amit Shrivastava	Member
	Dr. Hardik Pathak	Member
	Dr. Manish Kumar	Member
	Dr. Jagdev Singh	Member
	Dr. Ekta Menghani	Member
	Dr. Saurabh Dave	Member
	Dr. M. Kuruvilla	Member
	Dr Girraj Prasad Meena	Member
	Mr. Shailendra Pratap Singh Bhati	Member

(Admission Committee)

	Prof. (Dr.) D.P.Mishra, President	Chairman
	Shri S.L.Agrawal, Registrar	Member
	Dr.Ram Rattan, Dean – Engineering	Member
	Dr.R.N.Prasad, Dean – Science	Member
	Dr.Parul Agrawal	Member
	Dr.Widhi Dubey, Director – School of Sciences	Member
	Dr.M.C.Koolwal, Dean – School of Law	Member
	Dr.R.K.Bansal, HOD, Agriculture	Member
	Dr.Neeraj Khattri, HOD – Department of Journalism and Mass Communication	Member
	Ms Shivani Kaushik, HOD , Design	Member
	Mr Manbir, Asst.Professor, Hospitality & Hotel Management	Member
	Prof.Rishi Sharma, Director – Admissions	Member Secretary

FACULTIES AND DEPARTMENTS

Faculty of Engineering
Faculty of Science
Faculty of Management
Faculty of Humanities
Faculty of Law
Faculty of Design
Faculty of Agriculture

FACULTY OF ENGINEERING

Dean School of Engineering
Department of Computer Science Engineering
Department of Information Technology
Department of Mechanical Engineering
Department of Electrical Engineering
Department of Electronics & Communication Engineering
Department of Civil Engineering
Department of Chemical Engineering

Dean School of Engineering

Dr. Ram Rattan

Designation: Dean

Department: School of Engineering

Qualification: M.Tech from IIT Delhi and Ph.D from IIT Delhi

Email: Dean.engineering@jecrcu.edu.in

Research Area: Space Technology

Publication: National Journal: 06, International Journal : 20



DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

Course offered:

Courses offered	Annual Intake	Number of Applications	Boys	Girls	Total
Ph.D.	10	12	0	2	2
Masters	18	20	05	0	0
Bachelors	600	1866	475	65	540

Faculty & Staff:

Positions	Sanctioned	Working	On Leave
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Teaching

Professors	3	----	----
Associate Prof.	2	----	----
Assistant Prof.-I	4	----	----
Assistant Prof.-II	16	----	----

Non-teaching

Lab Technician	6	6	----
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Ph.Ds. Awarded/ on going

Scholar's Name	Topic	Supervisor	Status
Mr. Rajat Bhardwaj	Designing of secure algorithm using dynamic source routing protocol in MANET	Prof.(Dr.) Naveen Hemrajani	On-going
Mr. Sunil Jangir	Attacks over Mobile Adhoc networks: Challenges, Detection and countermeasures	Prof.(Dr.) Naveen Hemrajani	On-going
Ms. Himani Bali	Attack analysis and designing of quality ofservice (QoS) framework extenuating optimized link state routing(OLSR)	Prof.(Dr.) Naveen Hemrajani	On-going
Ms. Neha Gupta	Hadoop security, loopholes, circumvention and an approach for secure data access	Prof.(Dr.) Naveen Hemrajani	On-going
Mr. Manish Sharma	A new framework for secure access control in cloud computing	Prof.(Dr.) Naveen Hemrajani	On-going

Ms. Anju Kalwar	Development of a new iterative life cycle model for web application	Prof. (Dr.) C.S Lamba	On-going
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Ms. Runjhun Jain	Novel hybrid software process model integrating agile and traditional water fall model	Prof. (Dr.) C.S Lamba	On-going
Ms. Manju Vyas	Cost and effort estimation model for agile software development process	Prof. (Dr.) C.S Lamba	On-going
Ms. Neha Narang	Development of Trust Model for Security Agents in Cloud Computing	Dr. Surendra Kr. Yadav	On-going
Mr. Abhishek Jain	Development of intelligent E-learning framework based on cloud computing	Dr. Surendra Kr. Yadav	On-going
Mr. Jagdish Kumawat	Development of Hybrid Security Model for single Sign-on (SOS) Technique to Access	Dr. Surendra Kr. Yadav	On-going

	Web Services		
Ms. Rashmi Jain	Development of virtual interaction paradigm for natural user interface	Will be assign new guide	On-going
Ms. Parul Tyagi	Analysis and implementation of network layer security aspects in routing protocol of vehicular ad hoc networks	Prof.(Dr.) Deepak Dembla	On-going
Mr. Gireesh Kumar	Performance Prediction on Software Reliability of Embedded Computer Systems	Dr. Manju Kaushik	On-going
Ms. Bhawana Mathur	Evolution of Object Oriented Software Maintainability at Design Level	Dr. Manju Kaushik	On-going
Ms. Garima Singh	Development of a model for testing web	Dr. Manju Kaushik	On-going
Ms.Deepka Shekhawat	Integrate object and	Dr. Reema Ajmera	On-going

	block storage to deply virtual machine with high availability		
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Department of Computer Science & Engineering (CS&E)

Name:- Prof. (Dr.) Naveen Hemrajani .

Designation:- Professor & HOD

Department:- Computer Science and Engineering

Qualification:- B.E (CSE), M.Tech (CSE), Ph.D (CSE)

Email:- hod.cse@jecrcu.edu.in naveen.hemrajani@jecrcu.edu.in

Research Area:- Computer Network and Software Engineering

Publication:- Journals Publication:62, Presentation in Conference: 8, Book

Published:02



Name:- Prof. (Dr.) C S Lamba

Designation: Professor

Department: Computer Science & Engineering

Qualification: Ph.D. from Jai Narain Vyas University, Jodhpur (Residential University), M.Tech in Computer Science & Engineering, BCA+MCA five year Integrated

Research Area: Mathematical Modeling, Network Security and Cryptography, Data Communication and Networking, Software Engineering.

Publication: International Journals: 36



Name:- Prof. (Dr.) Surendra Kumar Yadav.

Designation:- Professor & Proctor

Department:- Computer Science and Engineering

Qualification:- MCA, M. Tech.(CS), MBA(HRD), LLB, Ph. D.(AI)

Email:- surendra.yadav@jecrcu.edu.in

Research Area:- Search Techniques and Game plying in AI, Data mining Techniques

Publication:- Journals Publication: 17, Presentation in Conference: 15, Text Books: 05



Name:- Dr. Narendra Singh Yadav.

Designation:- Associate Professor

Department:- Computer Science and Engineering

Qualification:- Ph.D, M.Tech., B.E.

Email:- narendra.singh1@jecrcu.edu.in

Research Area:- Computer Networks, Network Security, Cyber Security, Digital Forensics, Malware and Reverse

Publication:- Journals: 17, Conferences: 25, Book: 1



Dr. Sunita Gupta

Designation: Assistant Professor-I

Department: Computer Science and Engineering

Qualification: Ph.D. (Computer Science and Engineering),

M.Tech. (Computer Science and Engineering) (Hons.),

B.E. (Computer Science and Engineering) (Hons.).

Email sunita.gupta@jecrcu.edu.in

Research Area Wireless Sensor Network, Operating system.

Publication : International Journals Publication: 12, Conference Publication: 16, Book Published: 05.



Name:- Mr. Ajay Kumar.

Designation:- Assistant Professor-I

Department:- Computer Science and Engineering

Qualification:- M.Tech. (Computer Science and Engineering) From S.B.C.E.T, Jaipur,

B. E. (Computer Science and Engineering) From F.E.T., R.B.S. College, Agra

Email:- ajaykumar@jecrcu.edu.in

Research Area:- Computer Networks, Database Management System, Software Engineering

Publication:- 04 presentations in National Conference, 01 Book



Name:- Mr. Vijay Prakash Sharma.

Designation:- Assistant Professor-I

Department:- Computer Science and Engineering

Qualification:- B.E. (CSE), M.Tech(CSE)

Email:- vijay.sharma@jecrcu.edu.in

Research Area:- Image Processing, Cloud Computing

Publication:- Presentations in conferences 06



Name:- Mr. Ravi Shankar Sharma.

Designation:- Assistant Professor-I

Department:- Computer Science and Engineering

Qualification:- B.E. (CSE), M.Tech(CSE)

Email:- ravishankar.sharma@jecrcu.edu.in

Research Area:- Network Security, Database management System

Publication:- International Journal-05, International Conference-04, National Conference-12



Name:- Mr. Jitendra Singh Yadav.

Designation:- Assistant Professor-I

Department:- Computer Science and Engineering

Qualification:- M.Tech Computer Science Engineering(Hons.), B.E (Information Technology)(Hons.)

Email:- jitendra.yadav@jecrcu.edu.in

Research Area:- Database Management Systems, Operating System, Information Security

Publication:- International Journals 03, Conferences 05



Name:- Ms. Shruti Mathur.

Designation:- Assistant Professor-I I

Department:- Computer Science and Engineering

Qualification:- M.Tech (Computer Science) , B.Tech (Information Technology)

Email:- shruti.mathur@jecrcu.edu.in

Research Area:- Advanced Software Engineering

Publication:- One Presented Paper in National Conference on EMERGING TRENDS IN COMPUTER SCIENCE at SKIT, Jaipur.



Name:- Mr. Lokendra Pal.

Designation:- Assistant Professor-I I

Department:- Computer Science and Engineering

Qualification:- M.Tech. in Information Security from Moti Lal Nehru National Institute of Technology, Allahabad

Email:- lokendra.pal@jecrcu.edu.in

Research Area:- Machine learning (Supervised Machine Learning/ Reinforcement learning).

Publication:- International Journals: 1 National Journals: 2



Name:- Ms. Deepika Shekhawat.

Designation:- Assistant Professor-I I

Department:- Computer Science and Engineering

Qualification:- M.Tech (CS) from Banasthali University, B.Tech (CSE) from RTU,Kota

Email:- deepika.shekhawat@jecrcu.edu.in

Research Area:-

Publication:-



Name:- Mr. Deepak Verma.

Designation:- Assistant Professor-I I

Department:- Computer Science and Engineering

Qualification:- M.Tech & B.Tech

Email:- deepak.verma@jecrcu.edu.in

Research Area:- Feature Extraction Technique of Image Processing

Publication:- Paper Published in International Journal :05



Name:- Mr. Deevesh Choudhary.

Designation:- Assistant Professor-I I

Department:- Computer Science and Engineering

Qualification:- M.Tech(CSE), B.E. (CSE)

Email:- deevesh.choudhary@jecrcu.edu.in

Research Area:- Data Mining, OLAP

Publication:- Paper Published: 03



Name:- Ms. Meghna Sharma.

Designation:- Assistant Professor-II

Department:- Computer Science and Engineering

Qualification:- B.E. , M.Tech

Email:- meghna.sharma@jecrcu.edu.in

Research Area:- Wireless Computing

Publication:- Paper Published: 02



Name:- Mr. Mukut Bihari Malav.

Designation:- Assistant Professor-II

Department:- Computer Science and Engineering

Qualification:- B.E. , M.Tech

Email:- mukutbihari.malav@jecrcu.edu.in

Research Area:- Reversible Computing

Publication:- Paper Published in IEEE International Conference : 01



Name:- Mr. Rajat Bhardwaj.

Designation:- Assistant Professor-II

Department:- Computer Science and Engineering

Qualification:- M.Tech (CSE), B.Tech (Honors)

Email:- rajat@jecrcu.edu.in

Research Area:- Wireless Sensor Networks, Mobile Adhoc Networks.

Publication:- International Journal: 3



Name:- Ms. Neha Mishra.

Designation:- Assistant Professor-II

Department:- Computer Science and Engineering

Qualification:- M.Tech (CSE), B.Tech.

Email:- Neha.mishra@jecrcu.edu.in

Research Area:- Wireless Sensor Network

Publication:- Paper Published:03



Name:- Ms. Nidhi Gour.

Designation:- Assistant Professor-II

Department:- Computer Science and Engineering

Qualification:- M.Tech , B.Tech.

Email:- nidhi.gour@jecrcu.edu.in

Research Area:- Wireless AdHoc Network

Publication:- Paper Published: 6



Name:- Ms. Khushboo Sharma.

Designation:- Assistant Professor-II

Department:- Computer Science and Engineering

Qualification:- M.E. (Computer Science and Engineering), M.B.A. (Marketing and Systems), B.E. (Computer Science and Engineering)

Email:- khushboo.sharma@jecrcu.edu.in

Research Area:- Cache Coherence, Deadlock in distributed system.

Publication:- International Journals: 01



Name:- Mr. Himanshu Sharma.

Designation:- Assistant Professor-II

Department:- Computer Science and Engineering

Qualification:- M.Tech. (CSE), B.Tech. (CSE)

Email:- himanshu.sharma@jecrcu.edu.in

Research Area:- Frequent Pattern Analysis of Algorithm

Publication:-



Name:- Mr. Yogesh Bhardwaj.

Designation:- Assistant Professor-II

Department:- Computer Science and Engineering

Qualification:- M.Tech (Network Engineering-CSE), B.Tech (CSE)

Email:- yogesh.bhardwaj@jecrcu.edu.in

Research Area:- Software Engineering, Effort Estimation, Regression Testing, Service Oriented Architecture

Publication:- 2 Papers Published in International & National Journals and Conferences



Name:- Mr. Satyajeet Sharma.

Designation:- Assistant Professor-II

Department:- Computer Science and Engineering

Qualification:- M.Tech.(CSE), B.Tech.(CSE)

Email:- Satyajeet.sharma@jecrcu.edu.in

Research Area:- Grid Computing and its Security by Effective Web Services

Publication:-



Name:- Ms. Nidhi Chawla

Designation: Assistant Professor-II

Department: Computer Science and Engineering

Qualification : M.Tech (CSE), B.E (CSE)

Email : nidhi.chawla@jecrcu.edu.in

Research Area: Data Mining, Big Data, Machine Learning

Publication : International Journals - 2, International Conferences -1,
Book Chapter: 01

Digital Signal Processing, Image Processing, Artificial Intelligence, Embedded Systems



Name:- Mr. Abhishek Sharma

Designation: Assistant Professor-II

Department: Computer Science and Engineering

Qualification: B.E., M.Tech.

Email: abhishek.sharma1@jecrcu.edu.in

Research Area: Image Processing, Cloud Computing, Network Security,
Artificial Intelligence

Publication: Paper Published: 04



ANNUAL ACTIVITY REPORT FOR THE YEAR 2016-17:-

Workshop Organiser:

- Dr. Surendra Kumar Yadav & Ms. Meghna Sharma (Organizer)
- Dr. Prof. Naveen Hemrajani (Convener)

ORIENTATION CEREMONY- 18th July, 2016

An orientation ceremony for the welcome of new session was organized by university for all new students. A presentation was given by dignitaries to the students about the rules & regulations of the university. After the presentation, plantation and campus visit was conducted by faculty members. All the students, Faculty and staff members were present in the ceremony.

A WORKSHOP ON CLOUD COMPUTING WITH GOOGLE APP ENGINE

By
E-CELL, IIT BOMBAY



A workshop on Cloud Computing was organized by department of Computer Science and Engineering for the students of B.Tech (CSE) 2nd and 3rd year on **05.10.2016 & 06.10.2016**. The workshop was conducted by Robokart.com in association with E-Cell, IIT Bombay. **Cloud computing** is biggest emerging trend in IT industry, which will change the way computing is done. There are many providers in industry today which offer various cloud services ranging from infrastructure to software. **Google App Engine (GAE)** is a major cloud platform for hosting scalable internet applications. Google has opened it's massively scalable infrastructure to host applications developed using Google App Engine APIs. It is absolutely free to start hosting applications on Google App Engine until the application crosses a certain level of resource usage. This training program was developed for developers to understand the features and capabilities of Google app engine and how to build large scale applications for the cloud. The participants were able to develop a basic web application and deploy it on Google App engine cloud in a day.

Installation of VMware and programming in hadoop & hive was the part of practical session on first day. Every student had hands on practicals. Competition was conducted at the end of workshop and 4 students out 52 was awarded certificate of merit and rest with certificate of participation by E Cell IIT Bombay. The workshop also incorporated the perks of another gigantic view of Augmented Reality.

Workshop Content:

- Cloud Computing concept, Big data Analysis
- Demonstrations using tools and presentations and installation of VMware.

Workshop Organizer:

- Prof. (Dr.) Naveen Hemrajani (HOD – CSE)
- Ms. Meghna Sharma (Faculty Co-ordinator – CSE)

Seminar on - Bigdata by HPE, Jaipur



Introduction:-

A seminar on Bigdata/Hadoop was organized by department of Computer Science & Engg. on **Feb 8th, 2017** for students audience of 3rd year CSE in Seminar Hall, Engg Block, University Campus. The Seminar was conducted by HPE, Jaipur. The objective of session was to enlighten the students with concepts of big data and Hadoop.

Content of Seminar :-

- Introduction
- What is Big Data
- Characteristic of Big Data
- Storing, selecting and processing of Big Data
- Why Big Data

- How it is Different
- Big Data sources
- Tools used in Big Data
- Application of Big Data
- Benefits of Big Data
- How Big Data Impact on IT
- Future of Big Data

Benefits: - Big Data is already an important part of the \$64 billion database and data analytics market and it offers commercial opportunities of a comparable.

Seminar Organized by:-

- Prof. (Dr) Naveen Hemrajani (Convener)
- Ms. Meghna Sharma (Organizer)

Seminar on – Data Security and Networking By Networxx, Jaipur

Introduction:-

A seminar on Data Security and Networking was organized by department of Computer Science & Engg. on **Feb 28th, 2017** for students audience of 3rd year CSE in Seminar Hall, Engg Block, University Campus. The Seminar was conducted by Networxx, Jaipur. The workshop was organized with an objective to make the participants familiar with the concepts and technologies of routing protocols and networking devices like switch and Hubs.

Content of Seminar:-

This seminar provided hands-on networking basics, taught by an experienced technical trainer. Students learned about cabling, network protocols (including a close-up look at TCP/IP), network devices like hubs, switches, routers, firewalls, repeaters, gateways, and more. Students will learn how to create a secure network and avoid common network security mistakes. This session on networking fundamentals had got students up to speed with practical tools and techniques that they can put to use right away to make their network run faster and more securely with fewer problems

Seminar Organized by:-

- Prof. (Dr) Naveen Hemrajani (Convener)
- Ms. Meghna Sharma (Organizer)

ORIENTATION CEREMONY- 17th July, 2017



On 17th July, 2017, an orientation ceremony was organized for all new students. A brief presentation was given by dignitaries about the university academics and different activities which are being organized every year. After the presentation the students had a snacks. After that we moved to the different labs which are in the first year curriculum and thereafter we visited different Blocks of the university.

ACTIVITIES

1. **I am what I am:** This activity was to have interaction among the students. In this interaction we asked students name along with the latest technology and application they are using regularly.
2. **SDO Interaction:** Our SDO interacted with students by making them aware about different clubs running in our university .We also asked to register in any club either online or offline through respective student coordinator. Also we had put on a registration desk in engineering block, found students motivated for different clubs.
3. **Computer Hardware Quiz:** To give them knowledge about different hardware components including basic working functionality of each hardware component.
4. **Technical based discussion:** To give students knowledge about the technical fields and knowing their interest .Students were encouraged to use linux platform and use it for programming skills.
5. **Group Discussion:** Students express their different kinds of views on various topics which also helped in boosting their confidence.



6. **Speech:** From this Activity the students will overcome the stage fear also helps in developing communication skills.



7. INRSS WORKSHOP: This activity give them knowledge about navigational satellite system and their functioning in research areas. After this session students came to know about INRSS and its importance.



DEPARTMENT OF INFORMATION TECHNOLOGY ENGINEERING

Course offered:

Courses offered	Semester	Annual Intake	Number of Applications	Boys	Girls	Total
Ph.D	-----	6	8	0	1	1
MCA	III+ (Lateral)	120	132	75	30	105
BCA	I	120	133	78	07	85

Faculty & Staff:

Positions	Sanctioned	Working	On Leave

Teaching

Professors	01	01	---
Associate Prof.	03	03	---
Assistant Prof.-I	04	04	---
Assistant Prof.-II	8	8	---

Non-teaching

Lab Technician	2	2	---
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Ph.Ds Awarded/ On going

Scholar's Name	Topic	Supervisor	Status
Ms. Parul Tyagi	Analysis and Implementation of Network layer Security Aspects in Routing Protocol of VANET	Dr. Deepak Dembla	Ongoing
Mr. Advin Manhar	Analysis and Improvement in Routing of Hybrid MANET in Disaster Areas	Dr. Deepak Dembla	Ongoing
Ms. Garima	Development of model for testing web applications.	Dr. Manju kaushik	Ongoing

Ms. Bhawana	Evolution of object oriented software maintainability at design level.	Dr. Manju Kaushik	Ongoing
Ms. Deepika Shekhawat	“Integrate object and block storage to deploy secure virtual machine with high availability”	Dr. Reema Ajmera	Ongoing
Ms. Shaily Goyal	Development of framrwork to analyse the performance requirements of web services.	Dr. Manju Kaushik	Ongoing

Prof. (Dr.) Deepak Dembla

Designation: Professor & HOD

Department: Department of IT & Computer Application

Qualification: MCA, M.Tech. Ph.D (CSE) from Guru Jambheshwar University of Science & Technology, Hisar (Haryana) (A State Govt. University).

Email: hod.it@jecrcu.edu.in, deepak.dembla@jecrcu.edu.in

Research Area: Mobile AdHoc Networks, High Speed Network, Wireless Communications and Networks, Data Warehousing and Data Mining, Software Engineering, Information and Network Security.

Publication: International Journals : 31, National Journals : 03, Conferences/ Seminar: 19



Dr. Manju Kaushik

Designation : Associate Professor

Department: Department of IT & Computer Application

Qualification: M.Sc. (C.S), MCA, MBA (HR), Ph.D (Software Engineering)

Email: manju.kaushik@jecrcu.edu.in

Research Area: Software Engineering, Data Mining, Big Data, Human Computer Interaction, Natural User Interface

Publication: Journals Publication: 37, Presentation in Conference: 35



Dr. Reema Ajmera**Designation:** Associate Professor**Department:** Department of IT & Computer Application**Qualification:** PGDCA, M.Sc.(CS), M.Tech(CS), Ph.D(CSE)**Email:** reema.ajmera@jecrcu.edu.in**Research Area:** Software Engineering**Publication:** Journals Publication: 8, Presentation in Conference: 8,
Book Published: 01**Mr. Himanshu Sharma****Designation:** Associate Professor**Department:** Department of IT & Computer Application**Qualification:** B.E. (CSE) M. E. (CSE)**Email:** himanshu.sharma1@jecrcu.edu.in**Research Area:** Natural Language Processing**Publication:** Paper Published: 06**Mr. Hitendra Agrawal****Designation:** Assistant Professor**Department:** Department of IT & Computer Application**Qualification:** B.TECH. (CSE), M.TECH. (CSE)**Email:** hitendra.agrawal@jecrcu.edu.in**Research Area:** Image Processing**Publication:** nil**Mr. Shekhar****Designation:** Assistant Professor I**Department:** Department of IT & Computer Application**Qualification:** B.E. (Information Technology), M.Tech (Computer Science).**Email:** shekhar@jecrcu.edu.in**Research Area:** Stegnographic technique, Algorithms analysis,
Programming Languages**Publication:** Research Papers - 03; Books – 04

Mr. Raja Bhati**Designation:** Assistant Professor I**Department :** Department of IT & Computer Application**Qualification:** B.E. (IT), M.Tech. (CSE)**Email:** raja.bhati@jecrcu.edu.in**Research Area:**

Android application development, database management system

Publication: Research Papers - 12; Books – 01**Mr. Mudit Kumar****Designation:** Assistant Professor-I**Department:** Department of IT & Computer Application**Qualification:** M.Tech, MCA, UGC-NET & ATE Qualified**Email:** mudit.kumar@jecrcu.edu.in**Research Area:** Theory of Computation, Design and Analysis of Algorithms, Artificial Intelligence, Operating System, DBMS**Publication:** Research Papers - 05**Membership of Professional Bodies/Societies:** IEEE with Member No: 90551839**Ms. Vartika Shah****Designation:** Assistant Professor-II**Department:** Department of IT & Computer Application**Qualification:** B.Tech(CSE), M.tech(IT)**Email:** vartika.shah@jecrcu.edu.in**Research Area:** Computer Networking, Wireless Sensor Network**Publication:** Research Papers International-02, National-01**Mr. Kuldeep Yadav****Designation:** Assistant Professor-II**Department:** Department of IT & Computer Application**Qualification:** B.Tech (CSE) Honours, M.Tech (CSE) with specialization Information Security from Central University of Rajasthan, GATE, UGC-NET**Email:** Kuldeep.yadav@jecrcu.edu.in**Research Area:** Information Security, Network Security, Web Application Security, Algorithms, Operating System.**Publication:** Paper Published: 03

Mr. Bhanu Bhushan Parashar

Designation: Assistant Professor-II

Department: Department of IT & Computer Application

Qualification: M. Tech Computer Science Engineering (Hons.),
B.Tech (Information Technology) (Hons.)

Email: bhanu.bhushan@jecrcu.edu.in

Research Area: Cloud computing Securing, Information Security,
Computer Networking

Publication: International Journals: 03, Conferences: 05



Mr. Manish Sharma

Designation: Assistant Professor-II

Department: Department of IT & Computer Application

Qualification: M.Tech (IT), B.Tech (CSE)

Email: manish.sharma@jecrcu.edu.in

Research Area: Digital Signal Processing, Image Processing,
Artificial Intelligence, Embedded Systems



Mr. Abhishek Sharma

Designation: Assistant Professor-II

Department: Computer Science and Engineering

Qualification: B.E., M.Tech.

Email: abhishek.sharma1@jecrcu.edu.in

Research Area: Image Processing, Cloud Computing, Network Security,
Artificial Intelligence

Publication: Paper Published: 04



Ms. Garima Singh

Designation : Assistant Professor-II

Department: Department of IT & Computer Application

Qualification: Pursuing PhD, MCA, BCA, PGDIM

Email: garima.singh@jecrcu.edu.in

Research Area: Software Engineering

Publication: International Conference: 01, International Journals: 01



Ms. Laxmi Poonia

Designation: Assistant Professor-II

Department: Department of IT & Computer Application

Qualification: B.Tech, M.Tech

Email: Laxmi.poonia@jecrcu.edu.in

Research Area: Information Security

Publication: Paper Published: 02



Miss Mona Bai

Designation: Assistant Professor-II

Department: Department of IT & Computer Application

Qualification: B. Tech, M. Tech (CSE)

Email: mona.bai@jecrcu.edu.in

Research Area:

Computer Network

Publication: Research Papers - 01



ANNUAL ACTIVITY REPORT FOR THE YEAR 2016-2017

S.No.	Date	Activity	Coordinator
1.	01/08 & 18/07 (UG)	Orientation Day	Dr. Reema , Hemant Sharma
2.	01/08 & 18/07	Introduction of Faculty , Lab Visits	Dr. Reema, Mr. Abhishek Sharma
3.	02/08 & (19/07)	Departmental Induction- Why BCA? Why JU? a) Faculty Interaction b) Deptt. Proctor Interaction c) TG Interaction d) Exam Coordinator Interaction	Dr. Deepak Dembla & All Faculty of Deptt.
4.	03/08 & (19/07)	Students Clubs Introduction	Bhanu Bhushan
5.	08/08	PC Hardware & Assembling Workshop	Neeraj Garg Ravi & Vimal
6.	09/08	Placement Opportunities and Challenges	Dr. Deepak Dembla & Abhishek Sharma

7.	12/08	Extempore	Dr. Parveen
8.	16/08	Techno Quiz	Dr. Reema Ajmera
9.	18/08	Who Am I ?	Dr. Parveen & Dr. Vijaylakshmi
10.	20/08	Special Lecture on Pathway to Placements	Dr. Deepak Dembla
11.	24/08	Value Education	Himanshu Sharma
12.	05/09	Teacher's Day Celebration	Students' Coordinators
13.	15/09	Role of Internships in Placement Opportunities	Dr. Deepak Dembla & Abhishek Sharma
14.	28/03/17	Industrial Visit: Extensible Solutions Pvt Ltd. Jaipur	Dr. Deepak Dembla, Mr. Hemant and Ms. Khushboo Sharma
15.	Nov. & December 2016	Internships Drives for Students	Dr. Deepak Dembla, Dr. Reema, Ms. Khushboo, Abhishek Sharma
16.	9 th -10 th Feb 2017	Two Day Workshop on Internet of Things IoT by FORKS Technologies	Dr. Deepak Dembla & Ms. Khushboo Sharma, Mr. Shekhar
17.	18 th Feb 2017	Seminar on Digital India : By Experts from DEITY, Govt. of India	Dr. Deepak Dembla
18.	20 th and 21 st March 2017.	IT Day Participation in Birla Auditorium Jaipur Organized by Govt. Rajasthan	Ms. Khushboo Sharma and Mr. Kuldeep Yadav

1. Orientation

Coorindator: Dr. Reema Ajmera, Mrs. Hemant Sharma



Student interact with the faculties and faculties discussed with them about the course they are enrolled in.

2. Introduction of Faculty, Lab, Visits and Extempore

Coordinator: Dr. Reema, Mr. Abhishek



New Students visits campus and various of the department.
Information about the labs and department faculties are given to the students.

3. Department Introduction

Coordinator: Dr. Deepak Dembla and All concerned faculties

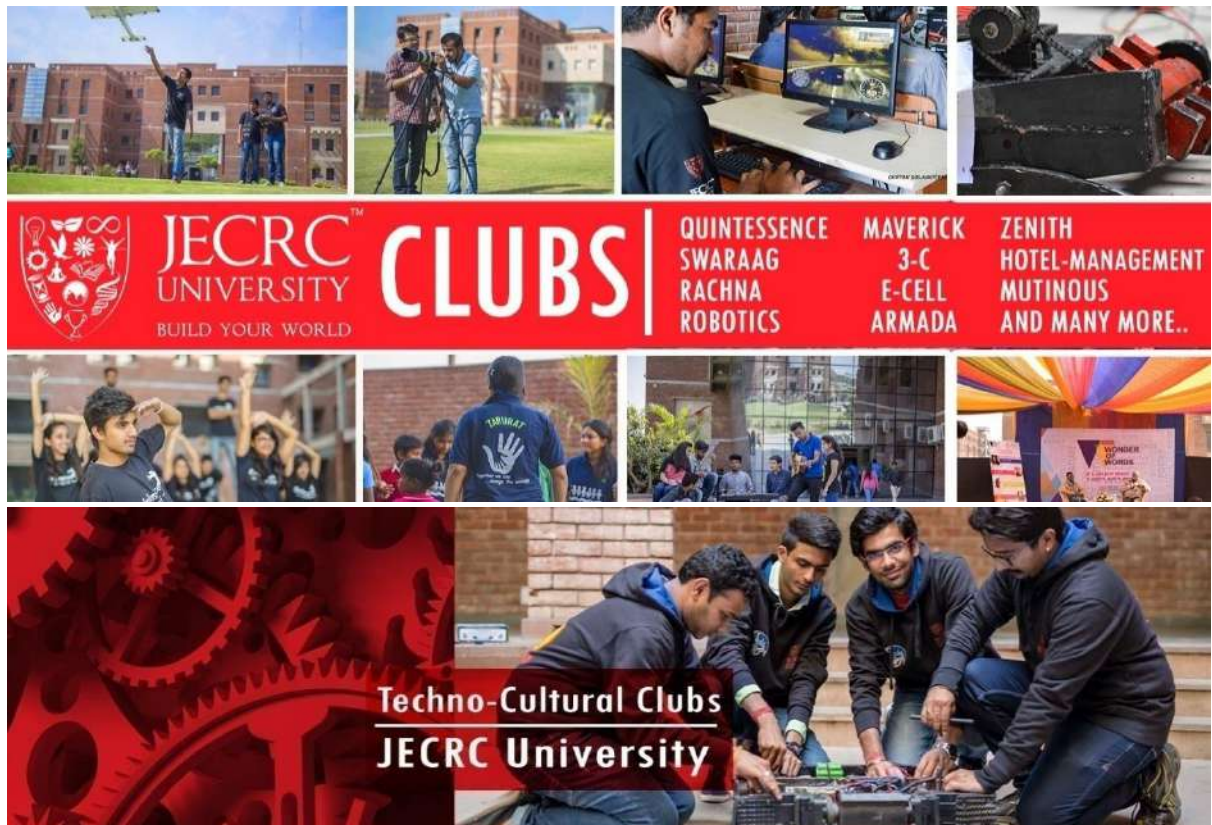
Tell students about the importance of MCA program, exam coordinator, and other faculties interact with the students. TG is allotted to Student.



4. Student Club

Coordinator: Mr. Bhanu Bhushan

Mr. Bhanu told about the various clubs running in the university and how student can be a members of those clubs.



5. PC Hardware and Assembling Workshop

Coordinator: Mr. Neeraj, Mr.Ravi and Mr. Vimal





Mr. Neeraj demonstrated with the help of Mr. Ravi and Mr. Vimal how PC hardware is assembled.

6. Placement Opportunities and Challenges, Coordinator: Dr. Deepak Dembla, Mr. Abhishek Sharma

Dr. Deepak Dembla and Mr. Abhishek Sharma told students about various placement activities university conduct for students.

7. Local Trip to Jaipur



Students visited various tourist places of Jaipur.

8. Extempore:

Coordinator: Dr. Parveen

Dr. Parveen gave students some random topics and students present their views on the topic.

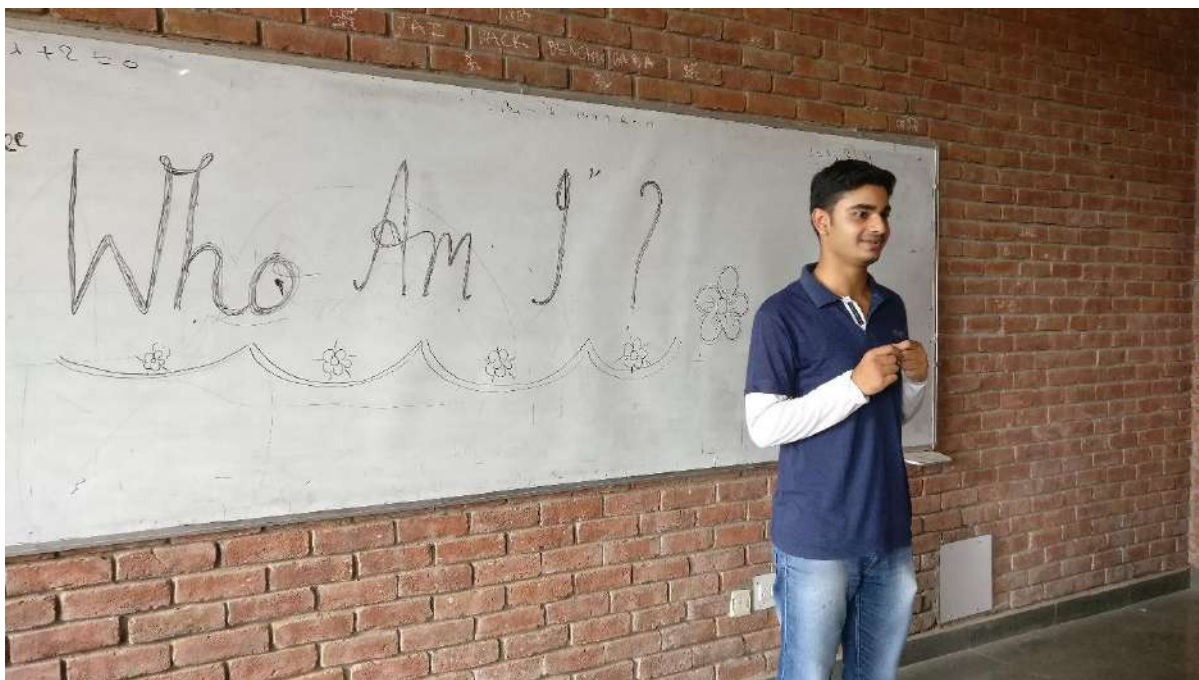
9. Techno Quiz:

Coodinator: Dr. Reema Ajmera



10. Who am I?

Coordinator: Dr. Parveen



It is an activity in which student told about themselves, their hobbies, area of interest etc.

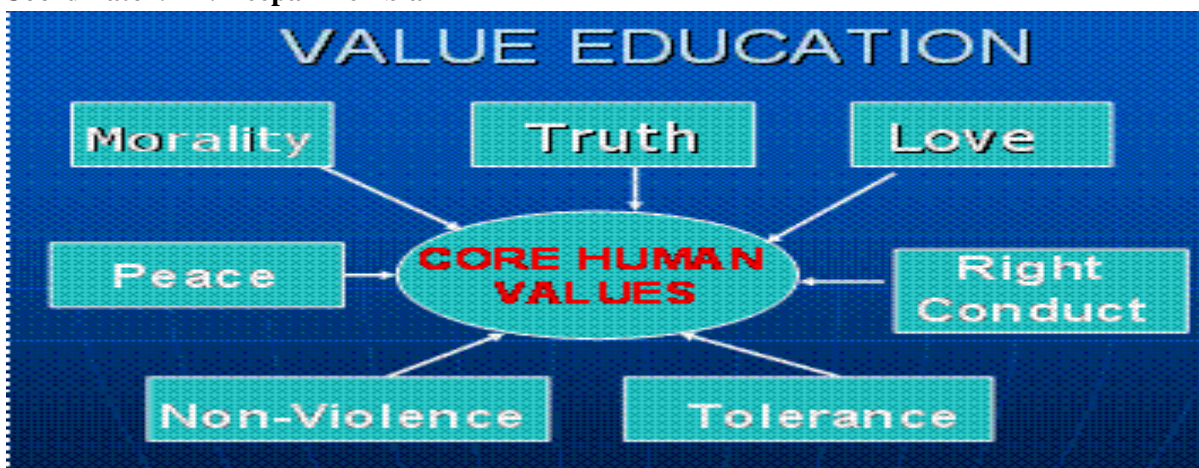
11. Special Lecture on Pathway to Placements

Coordinator: Dr. Deepak Dembla

Dr. Deepak gave special lecture on placement to student to guide them about how they should prepare to be placed in good companies.

12. Value Education:

Coordinator: Dr. Deepak Dembla



Dr. Deepak told students about the importance of Core human Values in student life.

13. Teacher's Day Celebration
Coordinator: Class Representatives



14. Seminar on Digital India
Coordinator: Dr. Deepak Dembla





Experts from NIC, Dept. of Electronics and IT Govt. of India tell students about the importance of making India digital

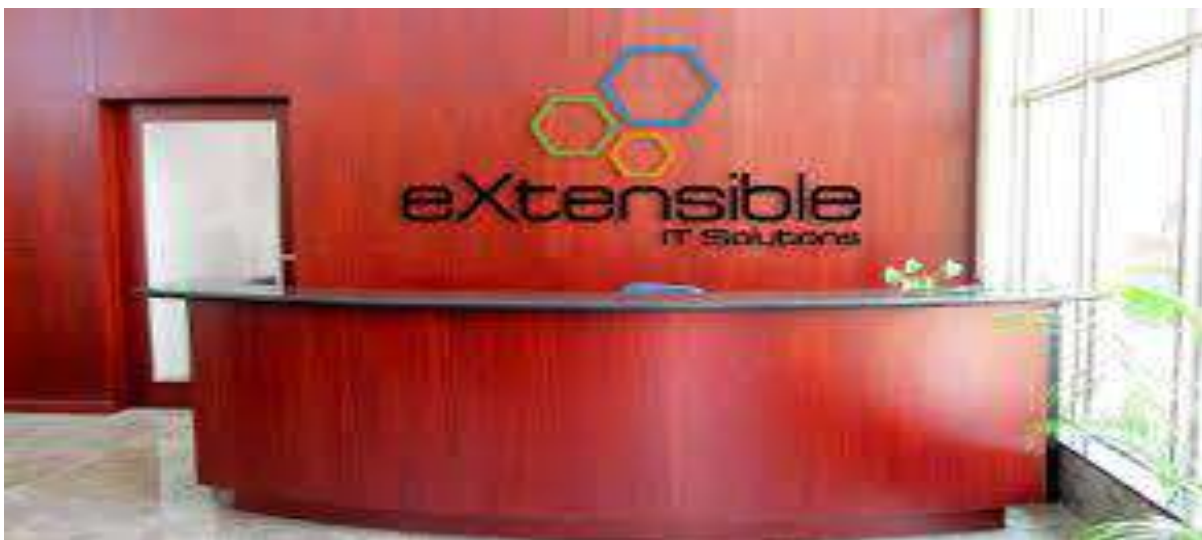
15. Role of Internship in Placement Opportunities

Coordinator: Dr. Deepak Dembla

Importance of Internship in the MCA program is discussed with the students and how internship is helpful in their placement is also discussed with them.

16. Industrial Visit: Extensible Solution Pvt. Ltd. Jaipur

Coordinator: Dr. Deepak Dembla, Mr. Hemant Sharma, Ms. Khushboo Sharma

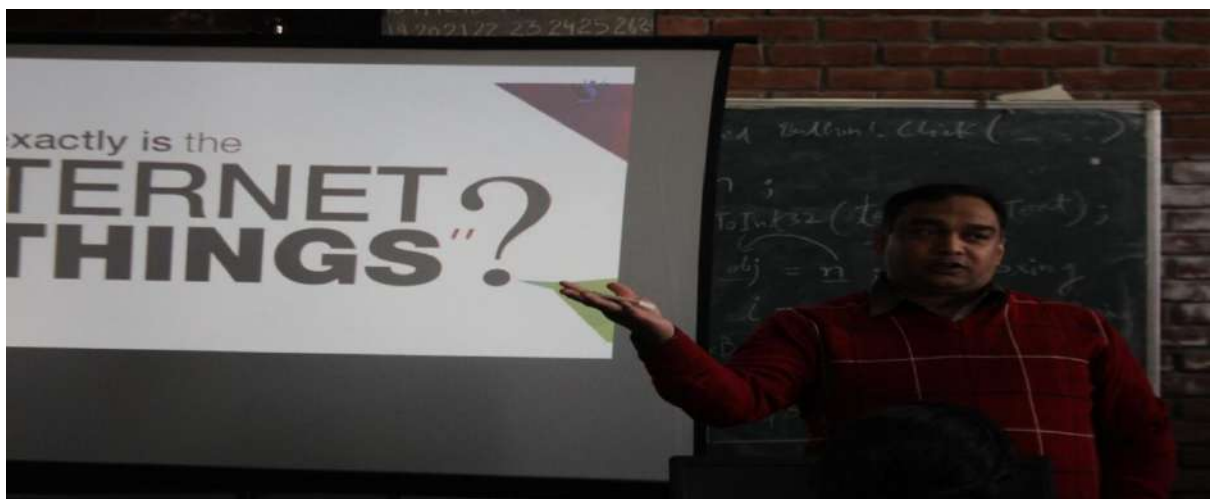


Student visited Industry with the faculty coordinator to understand work culture of IT industries.

17. Internship Drive of Students



18. Two day Workshop on IoT by FORK Technology: Coordinator: Dr. Deepak Dembla and Ms. Khushboo Sharma





19. Seminar on Digital India : By Experts from DEITY, Govt. of India
Coordinator : Dr. Deepak Dembla



20. IT day Participation in Birla Auditorium Jaipur: Organized by Govt. of India



DEPARTMENT OF MECHANICAL ENGINEERING

Course offered:

Courses offered	Annual Intake	Number of Applications	Boys	Girls	Total
Ph.D	08	---	---	---	----
Masters in	18	05	01	---	01
Bachelors in	120	158	118	01	119

Faculty & Staff:

Positions	Sanctioned	Working	On Leave
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Teaching

Professors	01	01	---
Associate Prof.	---	--	---
Assistant Prof.-I	05	05	---
Assistant Prof.-II	18	18	---

Non-teaching

Lab Technician	06	06	----
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Dr. M.S. Sodhi

Designation: Professor & HOD

Department: Mechanical Engineering

Qualification: B.Tech, M.Tech, Ph.D.

Email: hod.mechanical@jecrcu.edu.in, manmohan.sodhi@jecrcu.edu.in

Research Area: Product Development of Special Steels, Heat Treatment, Material Science

Publication: In Paper Presentation in international Conference: 05,

In Paper Presentation in national **Conference:** 08, Paper Published: 15, Patent Publications: 04



Mr. Mahendra Singh Shekhawat

Designation: Assistant Professor-I

Department: Mechanical Engineering

Qualification: B.E.(Mechanical Engineering),
M.Tech(Manufacturing System Engineering)

Research Area: Machine Design, CAD/CAM



Mr. Ladley Mohan Verma

Designation: Assistant Professor-I

Department : Mechanical Engineering

Qualification: B.E. (Mechanical Engg.) from Thapar University, Patiala, M.Tech. (Hydro-Power Plants) from M.A.N.I.T. Bhopal, Ph.D (Pursuing) at M.N.I.T. Jaipur.

Email: ladley.mohan@jecrcu.edu.in

Research Area: Hydro-Power Plants and Hydraulic Machines, Industrial Engg, Production and Manufacturing Technology.



Mr. Mahavir Choudhary

Designation: Assistant Professor-I

Department: Mechanical Engineering

Qualification: M.E. (Computer Integrated Manufacturing),
B.E. (Mechanical Engineering).

Email: mahavir.choudhary@jecrcu.edu.in

Research Area: Finite Element Methods, Impact analysis, Product life cycle Management.



Mr. Ashish Shrivastava

Designation: Assistant Professor I

Department: Mechanical Engineering

Qualification: M.Sc. (Mechanical and Manufacturing Engineering),
B.Tech (Mechanical Engineering).

Email : ashish.shrivastava@jecrcu.edu.in

Research Area: Lean Manufacturing, Six Sigma, Total Quality Management, Industrial Engineering, and TQM.



Mr. Kapender Phogat**Designation:** Assistant Professor-I**Department:** Mechanical Engineering**Qualification:** M.Tech.(Manufacturing Technology & Automation),
B.E. (Mechanical Engineering).**Email:** kapender@jecrcu.edu.in**Research Area:** Deformation Characteristics of Solids,
Metal Matrix Composites, Powders, and energy integration using Pinch Technology.**Publication:** International Journal: 01, Conferences: 02, Book Reviewed: 02**Mr. Prem Singh****Designation:** Assistant Professor - II**Department:** Mechanical Engineering**Qualification:** M.Tech. (Industrial Process Equipment Design),
B.E. (Mechanical Engineering)**Email:** prem.singh@jecrcu.edu.in**Research Area:** Industrial Process Equipment Design**Mr. Anshul Kumar Panchbhaiya****Designation :** Assistant Professor-II**Department:** Department of Mechanical Engineering**Qualification:** M.Tech. (Design), B.Tech. (Mechanical Engineering)**Research Area:** Design of Machines, Energy Management, Driver fatigue.**Mr. Ritesh Dadhich****Designation:** Assistant Professor-II**Department:** Mechanical Engineering**Qualification:** B.Tech (Mechanical Engineering),
M.Tech (Production Engineering)**Email:** ritesh.dadhich@jecrcu.edu.in**Research Area**Manufacturing processes, Automation, Nano Finishing, Rapid prototyping,
CNC Technology, Finite Element Methods.

Mr. Aalok Kumar

Designation: Assistant Professor-II

Department: Mechanical Engineering

Qualification: B.E. (Aeronautical Engg.), AMAeSI,
M.Tech (Industrial Engineering & Management)

Email: aalok.kumar@jecrcu.edu.in

Research Area: Industrial Engineering, Fluid Mechanics,
Production Planning & Control.

Publication: International Conference: 4, National Conference: 2



Mr. Akhilendra Singh

Designation: Assistant Professor II

Department: Mechanical Engineering

Qualification: M.Tech (Machine Design), B.Tech (Mechanical Engineering).

Email: akhilendra.singh@jecrcu.edu.in

Research Area: Solid Mechanics, Fracture Mechanics, Finite Element Method,
Atomistic Simulation etc.



Mr. Narendra Singh

Designation: Assistant Professor-II

Department: Mechanical Engineering

Qualification: M.Tech (Manufacturing Engineering),
B.E. (Mechanical Engineering).

Email: narendra.singh@jecrcu.edu.in

Research Area: Manufacturing processes, Mechanics of machines.



Mr. Ratnakar Singh

Designation: Assistant Professor-II

Department: Mechanical Engineering

Qualification: M.Tech (Alloy Technology), B.Tech (Mechanical Engineering).

Email: ratnakar.singh@jecrcu.edu.in

Research Area: Deformation behavior, Heat treatment of steels,
Fracture Mechanics.



Mr. Santosh Kumar

Designation: Assistant Professor-II

Department: Mechanical Engineering

Qualification: M.Tech (Industrial Metallurgy),
B.Tech (Mechanical Engineering).

Email: santosh.kumar@jecrcu.edu.in

Research Area: Advanced composite materials, Mechanical characterization & behavior analysis of materials, Solid mechanics, Rheo-pressure die casting, and semisolid processing of Al alloys.



Mr. Raj Kumar Satankar

Designation: Assistant Professor-II

Department: Mechanical Engineering

Qualification: B.E, M.Tech (Mechanical Engineering), Ph.D. (Pursuing)

Email: rajkumar.satankar@jecrcu.edu.in

Research Area: Porous Materials for Water Filtration, Low Cost Structural Materials, Probabilistic Methods in Engineering



Mr. Shitanshu Arya

Designation: Assistant Professor-II

Department: Mechanical Engineering

Qualification: M.Tech (Computer Aided Designing and Manufacturing),
B.Tech (Mechanical Engineering).

Email: shitanshu.arya@jecrcu.edu.in

Research Area: Fracture Mechanics, Polymer Nano-composites.



Mr. Vikas Tiwari

Designation: Assistant Professor-II

Department: Mechanical Engineering

Qualification: M.Tech (Machine Design), B.E. (Mechanical Engineering).

Email: vikas.tiwari@jecrcu.edu.in

Research Area : Theory of Elasticity, Process Plasticity and Vibrations
Fracture Mechanics.



Mr. Abhishek Kumar Vishwakarma

Designation: Assistant Professor-II

Department: Mechanical Engineering

Qualification: M.Tech. (Product Design and Development)

Email: abhishek.vishwakarma@jecrcu.edu.in

Research Area: Internal Combustion Engine



Mr. Ajay Singh

Designation: Assistant Professor-II

Department: Mechanical Engineering

Qualification: M.Tech (Computer-aided Design & Manufacturing)

Email: ajay.singh@jecrcu.edu.in

Research Area: Heat Transfer through NANO-Fluids, Fluid Mechanics

Publication: Paper Published: 01



Mr. Anand Prakesh

Designation: Assistant Professor-II

Department: Mechanical Engineering

Qualification: M.Tech (Design Engineering)

Email: anand.prakash@jecrcu.edu.in

Research Area: Finite Element Analysis and Vibration Analysis, Machine Design



Mr. Mohit Kumar Wadgre

Designation: Assistant Professor-II

Department: Mechanical Engineering

Qualification: M.Tech (Computer-aided Design & Manufacturing)

Email: mohit.kumar@jecrcu.edu.in

Research Area: Solidification and Thermal Analysis, Casting

Publication: Paper Published: 01



Mr. Rajendra Kumar Guneja

Designation: Assistant Professor-II

Department: Mechanical Engineering

Qualification: M.Tech (Production and Industrial System Engineering)

Email: rajender.guneja@jecrcu.edu.in

Research Area: Non-Traditional Machining Methods



Mr. Yash Pratap Aggrwal

Designation Assistant Professor-II

Department Mechanical Engineering

Qualification M.Tech (CAD/CAM)

Email yashpratap.aggrwal@jecrcu.edu.in

Research Area Lean Product Development

Publication Paper Published: 01



Mr. Anubhav Kumar

Designation: Assistant Professor-II

Department: Mechanical Engineering

Qualification: M.Tech (Machine Design)

Email: anubhav.kumar@jecrcu.edu.in

Research Area: Finite Element Analysis, Solid Mechanics,
Vibration Behaviour of FGM and Piezoelectric Materials

Publication: Paper Published: 02



ANNUAL ACTIVITY REPORT FOR THE YEAR 2016-17:-

1. Research Papers

S. No.	Faculty/ Author Name	Title of research article	Journal/Conference name	Online available from	Volume	Issue	doi/ISSN/ISBN
1	Anubhav Kumar	Investigation of Shear Induced Vibrations of Piezoceramic Cylindrical Shell	Advanced Science Letters	Nov-16	22	11	https://doi.org/10.1166/asl.2016.8048
2	Dr. Shiv Ranjan Kumar	1. Effect of adding nanoalumina and marble dust powder on the physical, mechanical and thermo-mechanical characterization of dental composite	Polymer Composites	Jul-16			DOI 10.1002/pc.24131

	2. Development and characterization of marble dust filled dental composite,	Journal of Composite Materials	Sep-16			DOI: 10.1177/0021998316666334
	3. Abrasive wear of silane treated nanoalumina filled dental composite	Science and Engineering of Composite Materials	Jan-17			DOI: 10.1515/secm-2016-0175
	4. Comparative investigation on physical, mechanical and thermo-mechanical behavior of nanohydroxyapatite and MTA filled dental composites	e-Polymers	Feb-17			DOI: 10.1515/epoly-2016-0319
	5. Effect of adding nanosilica particulate filler on the wear behavior of dental composite	Polymer Composites	Mar-17			DOI 10.1002/pc.24436

2. CRT & Placement Activities



1. Workshop for Mechanical Engineering Students on Automobile Engine Assembly was organized on 20th November 2016



2. Internship Drive For Mechanical Final and Third Year Students was organized in November 2017



3. Seminar for Mechanical Engineering Students on Engine Lubrication And Vehicle Reconditioning Was organized on 15 September 2017

3. Awards & Achievements of Faculty

3.1 Research Projects Submitted

SL No	Project Title	Member(s)	Name of Sponsoring	Total outlay	Status
1.	<i>Investigation of wear behavior of polymeric dental material in acidic and food slurry medium</i>	<i>PI: Dr. Shiv Ranjan Kumar Co PI: Prof. MMS Sodhi</i>	<i>DST Rajasthan (Rajasthan Govt.)</i>	<i>6.60 lakhs</i>	<i>Proposal Submitted</i>

3.2 Student Projects Submitted

SL No	Project Title	Member(s)	Name of Sponsoring	Total outlay	Status
1.	<i>Erosion analysis of Aramid Fiber Epoxy Composite and determination of Physical properties.</i>	<i>Chinmay Sharma, B.Tech final year student Supervisor: Dr. Shiv Ranjan Kumar, Prof. MMS Sodhi</i>	<i>DST Rajasthan (Rajasthan Govt.)</i>	<i>0.15 lakhs</i>	<i>Proposal Submitted</i>
2.	<i>Wear analysis of metal matrix composite on air jet erosion tester.</i>	<i>Amit Kumar, B.Tech final year student Supervisor: Dr. Shiv Ranjan Kumar, Prof. MMS Sodhi</i>	<i>DST Rajasthan (Rajasthan Govt.)</i>	<i>0.15 lakhs</i>	<i>Proposal Submitted</i>

3.3 Book chapter authored

1. *IK Bhat, Amar Patnaik, Shiv Ranjan Kumar. Investigation of wear characteristics of dental composite reinforced with rice husk derived nanosilica filler Particles, Volume7, Nanocomposite: Fundamental and Science, Handbook of composite from renewable materials and agricultural sources" Wiley Scrivener, USA, ISBN: 978-1-119-22381-8, Page No 227-248, Jan 2017.*

3.4 Paper presented/ published in National Conferences

Rahul Bhaumik, Pranav Chasta, Shiv Ranjan Kumar, LASER and its application: a new prospective, National Conference on recent innovation in Mechanical Engineering NCRIME-2017, at VIT Jaipur held on 23-24th March 2017

DEPARTMENT OF ELECTRICAL ENGINEERING

Course offered:

Courses offered	Annual Intake	Number of Applications	Boys	Girls	Total
Ph.D.	08	09	1	----	1
Masters in	18	06	1	----	1
Bachelors in	60	40	31	01	32

Faculty & Staff:

Positions	Sanctioned	Working	On Leave
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Teaching

Professors	01	01	----
Associate Prof.	2	2	----
Assistant Prof.-I	3	3	----
Assistant Prof.-II	4	4	----

Non-teaching

Lab Tech	3	3	----
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Ph.Ds. Awarded/ on going

Scholar's Name	Topic	Supervisor	Status
Amandeep Gill	Adaptive protection scheme in distributed generation environment	Dr. Surendra Yadav, Guide Dr. Pushpendra Singh- Co Guide	On going from JU

Dr. Ravindra Pratap Singh

Designation: Professor

Department: Electrical Engineering

Qualification: B. Tech (EE), M. Tech (EE), Ph. D from IIT BHU Varanasi

Email: hod.ee@jecrcu.edu.in ravindra.pratap@jecrcu.edu.in

Research Area: Voltage Quality, HV Engg

Publication: Research Papers - 51; Books – 04

**Dr. Amit Shrivastava**

Designation: Associate Professor

Department: Electrical Engineering

Qualification: B.E. (Electrical Engineering), M.E. (I.S.D.), Ph.D.

Email: amit.shrivastava@jecrcu.edu.in

Research Area:

Condition monitoring of induction motor, Energy Auditing and Conservation

Publication:

**Mr. Bachchu Singh Jha**

Designation: Associate Professor

Department: Electrical Engineering

Qualification: B.E. (Electrical Engineering), M.E. (Power System)

Email: bachchu.singh@jecrcu.edu.in

Research Area: State Estimation

Publication

**Mr. Shashi Kant Vij**

Designation: Assistant Professor - I

Department: Electrical Engineering

Qualification: M.Tech (Power Systems), B.E (Electrical Engineering)

Email: shashikant.vij@jecrcu.edu.in

Research Area: Power Systems

Publication



Ms. Divya Mathur

Designation: Assistant Professor-I

Department: Department of Electrical Engineering

Qualification: M.Tech (Power System) in 2011, B.Tech (Electrical) in 2005

Email: divya.mathur@jecrcu.edu.in

Research Area:

Publication: One paper accepted in International Journal of engineering, Science and Innovative Technology (IJESIT), Volume 3, Issue 2. One paper published in "Recent Trends in Power System"™ IEEE-MTS Chapter held in May 2011

**Dr. Sandeep Gupta**

Designation: Assistant Professor-I

Department: Electrical Engineering

Qualification: Ph.D (Electrical) from MNNIT Allahabad, M.E. (High Voltage Engg.), B.Tech (Electrical & Electronics)

Email: sandeep.gupta@jecrcu.edu.in

Research Area: Power System, Control Engineering, FACTS Devices

Publication: 17 Papers Published in International & National Journals and Conferences

**Mr. Amandeep Gill**

Designation: Assistant Professor-II

Department: Electrical Engineering

Qualification: M.Tech (Power System & Electric drives), B.Tech (Electrical).

Email: amandeep.gill@jecrcu.edu.in

Research Area: Artificial intelligence, Electric Drives, Power Systems

Publication:

**Mr. Gourab Majumder**

Designation: Assistant Professor-II

Department: Electrical Engineering

Qualification: M.Tech (Power & Energy System)

Email: gourab.majumder@jecrcu.edu.in



Research Area: Solar Power Engineering, Energy System, Power Electronics

Publication: No. of Papers published in International Journals: 1 No. of Papers published in International Conference: 1 No. of Papers published in National Conference: 2

Mr. Akash Talwariya

Designation: Assistant Professor-II

Department: Electrical Engineering

Qualification: M.Tech (Power System), B.Tech.

Email: akash.tawariya@jecrcu.edu.in

Research Area: FACTS Devices & Fuzzy Logic Controller in Power System, Electrical Machines

Publication: 5 Papers Published in International & National Conferences.



Mr. Vaibhav Jain

Designation: Assistant Professor-II

Department: Electrical Engineering

Qualification: * Ph.D.(Pur.) (Electrical Engineering)
, M.Tech. (Power System), B.Tech. (Electrical Engineering)

Email: vaibhav.jain@jecrcu.edu.in

Research Area: Demand Response, Smart Grid, Power System

Publication: 10 Papers Published in International & National Journals and Conferences



Introduction with EE Ist Yr Students on 20th July, 2017

1. Called one by one all the students of Ist year EE on podium.
2. Students introduced themselves giving information including their personal, professional and hobbies details. At the end faculty coordinator Mr. Akash Talwariya gave the introduction about Department of Electrical Engineering and discussed the students about future scope and advantages of Electrical Engineering.
3. Head of Department Prof. (Dr.) Ravinvra Pratap Singh motivated students and gave tips how to build up successful career in Electrical Engineering.

4. Faculty members Mr B. S. Jha, Mr Shasikant Vij, Dr Sandip Gupta, Mr Amandip Gill and Mr Gourab Majumdar had interaction with the newly joined first year Electrical Engineering students.

SDO Activity (24th July, 2017)

SDO In-charge visited in class room of first year EE and informed about different clubs of JECRC University and how the new students can join these clubs. He also informed about the ways to create new clubs if any student group want to start. Then the discussion went on Foreign Exchange Program. SDO In-charge gave all the relevant details. An Interesting session ended with the clearance of Foreign Exchange Program and Clubs of JECRC University.



IRNSS Workshop (26th July, 2017)

Concerned, Electronics Engineering faculty members presented brief detail about ISRO and then gave demonstration of navigation system of satellites of ISRO. The workshop was interesting and valuable for students to get the knowledge about ISRO and satellite navigation system.



Solar Power Plant Visit (02nd Aug, 2017)

To create awareness about use of pollution free Solar Energy, visit of EE first year students to solar power plant installed on rooftop of boys hostel was arranged on 02.08.2017. Mr. Shashikant Vij and Mr. Akash Talwariya explained the working and generation of electric power from sun rays to students and their utilization.



General Quiz (11th Aug, 2017)

A general quiz was organized by Mr. Akash Talwariya on 11.08.2017. Prizes were distributed at the end.

Transmission & Distribution Lines (23rd Aug, 2017)

Transmission and distribution lines are the important components of Electrical Power System. A visit for first year EE students was arranged outside the campus and shown the T & D lines. Mr. Akash Talwariya and Mr. Shashikant Vij explained the working of the connected equipments of transmission lines and also distribution lines.



JU Orientation ceremony (18th July 2016)

With 1428 newcomers from 17 states having dreams in their eyes, the air in JU campus this morning was full of enthusiasm, ambitions, hopes and excitement who are ready to Build their World. JU Orientation programme embraced the newcomers into B.Tech, B.Com, B.Sc., Design, Agriculture, and other programmes, with the aim to build a foundation identity for our upcoming scholars as growing intellectuals and active members of society.



Workshop on automation (5th October 2016)

Department of Electrical Engineering organized a workshop on automation which is conducted by VISION AUTOMATIN. All the students of Electrical Engineering participated in this workshop to get the information about the recent advancement and automation using PLC/SCADA.



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Course offered:

Courses offered	Annual Intake	Number of Applications	Boys	Girls	Total
Ph.D	08	03	---	----	----
Masters in VLSI & Embedded Systems +M.Tech Communication Systems	18+18=36	20	03	0	3
Bachelors in Electronics & Communication Engineering	60	42	23	04	27

Faculty & Staff:

Positions	Sanctioned	Working	On Leave
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Teaching

Professors	1	1	---
Associate Prof.	4	4	---
Assistant Prof.-I	2	2	---
Assistant Prof.-II	9	9	---

Non-teaching

Lab Tech	04	04	---
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Ph.Ds Awarded/ On going

Scholar's Name	Topic	Supervisor	Status
abhilasha	Performance enhancement of organic light emitting	Dr. K. M. Singh	On Going

	diode by variation of thickness and doping of material		
Tapan Kumar Das	Mobile Communication- Now & Beyond	Dr.Dinesh Sethi	On Going
Rahul Jain	Investigation of Some electronic properties of optoelectronic nanomaterial under cross fields	Dr.K.M.Singh	On Going

Dr. Dinesh Sethi

Designation: Associate Professor & HOD

Qualification : Ph.D (ECE), M.Tech (DC), B.E (ECE)

Email : hod.ece@jecrcu.edu.in, dinesh.sethi@jecrcu.edu.in

Research Area : Microstrip UWB Antennas

Publication : International Journals: 7, Conferences: 10, Books: 6



Prof. (Dr.) K.M. Singh

Designation: Professor and COE

Qualification Ph.D. in Nanotechnology from Jadavpur University, Kolkata 2011. B. Tech. in Electronics Engg. from HBTI, Kanpur in 1999.

Email : km.singh@jecrcu.edu.in

Research Area : Nanotechnology, image and video processing, signal processing, solar cell and embedded system

Publication : Conferences: 16, Published Journals: 10



Mr. Laxmi Chand

Designation: Associate Professor

Qualification: M.Tech. (Signal Processing)

Email : laxmi.chand@jecrcu.edu.in

Research Area : Digital Signal Processing

Publication : 10 Papers published in National and International Conferences/ Journals.



(Retd.) Major General Tapan Kumar Das

Designation: Associate Professor

Qualification: B.Tech(Telecommunication & IT), ME(Communication Engineering), PG Diploma in International Business.

Email : tapan.das@jecrcu.edu.in

Research Area: Mobile Adhoc communications, SDR, Electronic warfare.

Publication :-



Dr. Manoj Gupta

Designation: Associate Professor

Qualification Ph.D, M.Tech, B.Tech

Email : manojgupta35@yahoo.co.in, manoj.gupta@jecrcu.edu.in

Research Area : Biomedical Signal & Image Processing, Cognitive & Computational Neurosciences, Artificial Intelligence, Bionanotechnology

Publication : Research papers-20



Ms. Parul Pathak

Designation: Assistant Professor-I

Qualification :: M.Tech (Microwave Engineering), B.E.(Electronics Engineering).

Email : parul.pathak@jecrcu.edu.in

Research Area : Microstrip Patch Antenna

Publication : 06



Ms.Kanchan Sengar

Designation: Assistant Professor-I

Qualification: B.E.(Electronics and Communications Engineering), M. Tech.(VLSI)

Email : kanchan.sengar@jecrcu.edu.in

Research Area : Synthesis of Digital Circuits, Digital Filters, Image Processing.

Publication :-



Ms Himani Bali**Designation:** Assistant Professor II**Qualification** B. Tech (Hons)(EE) Integrated M. Tech (Communication)**Email:**himani.bali@jecrcu.edu.in,**Research Area** : Mobile Adhoc Networks, PSOC**Publication :-****Mr. Gaurav Bansal****Designation:** Assistant Professor-II**Qualification** M.Tech (Digital communication), MBA (International business), B.Tech (Electronics & communication).**Email** :gaurav.bansal@jecrcu.edu.in**Research Area:** Digital communication**Publication :-****Ms. Abhilasha****Designation:** Assistant Professor-II**Qualification:** M.Tech (VLSI Design), B.Tech (Electronics and Communication).**Email** :abhilasha.choudhary@jecrcu.edu.in**Research Area** : Low Power VLSI, Sub-threshold region, Digital VLSI.**Publication** : International Journals"5 International Conferences"2 Published book" 1 (by LAP, Germany)**Mr. Rahul Jain****Designation:** Assistant Professor II**Qualification:** B.Tech(ECE), M.Tech (ECE), Ph.D (Pursuing)**Email** :rahul.jain@jecrcu.edu.in**Research Area:** Nano materials, Embedded Systems, Wireless communication.**Publication :-**

Mr. Pratik M**Designation:** Assistant Professor II**Qualification:** : M.Tech (VLSI Design and Testing), B.E (ECE).**Email :** pratik.m@jecrcu.edu.in**Research Area :** Low power VLSI, Standard Cell Library Design**Publication :-****Mr. Amit Kumar Tiwari****Designation:** Assistant Professor II**Qualification:** M.Tech (IIT Kanpur), B.Tech.**Email :** amitkumar.tiwari@jecrcu.edu.in**Research Area :** 2D/3D Medical imaging using Electrical Impedance Tomography, Image Processing.**Publication :****Ms. Ramandeep Gill****Designation:** Assistant Professor II**Qualification:** M.Tech(wireless communication), B.Tech(ECE)**Email :** Ramandeep.gill@jecrcu.edu.in**Research Area:****Publication :** International Journal: 2**Mr. Jaskirat Singh****Designation:** Assistant Professor II**Qualification :** M.S , B.Tech (ECE)**Email ::** jaskirat.singh@jecrcu.edu.in**Research Area :** Spectrum sensing and decision making in Cognitive Radios, 5G wireless networks and Application of Parallel Computing in Signal Processing algorithms in Cognitive Radios and 5G wireless networks.**Publication :-**

Dr. Arun Kumar

Designation: Assistant .Professor-II

Qualification : B.E (ECE), M.Tech (ECE), Ph.D (ECE)

Email : arun.kumar@jecrcu.edu.in

Research Area : 5G Waveform, Cognitive Radio, MIMO and Massive MIMO, OFDM, CDMA, UWB

Publication : 5 Papers in Referred Int. Conference,

24 Research papers in Referred Journals (SCI-e=5 and Scopus=8)



ANNUAL ACTIVITY REPORT FOR THE YEAR (2016-2017)

*40+ students (Batch 2013-217) placed in reputed companies like Minds Tree, Samsung, Erricsson, Voyalla, AON and many more.

*Internship in institutes like ISRO, DRDO, Oracle Finance, Daifuku, Dkob and many more.

*** Research Papers:**

1. Dinesh Sethi and Manisha: Variable Length Dipole Antenna with Split Ring Resonators, Scholars Journal of Engineering and Technology (SJET) .
2. Arun Kumar: “Design of 4:8 MIMO OFDM with MSE Equalizer for Different Modulation Techniques”, Wireless Personal Communication, DOI 10.1007/s11277-017-4099-1. Springer. Sci-Index, (2017).
3. Arun Kumar: “Design and Performance Evaluation of MB-MIMO-UWB 3 for Different Transmission Techniques” Proc. Natl. Acad. Sci., India, Sect. A Phys. Sci. DOI 10.1007/s40010-017-0400-7, Springer. Sci-index, (2017).
4. PiyushVadhan, Manisha Gupta and Arun Kumar, “MIMO- Past, Present and Future: A Review”, Indian Journal of Science & Technology, 9(48), Doi: 10.17485/ijst/2016/v9i48/99891, (2016). (Scopus Indexed and Thomson Reuters)
5. Arun Kumar and P. NandhaKumar, “Analysis of OFDM System with Energy Detection Spectrum Sensing”, 9(16), doi:10.17485/ijst/2016/v9i16/90230, 2016, (Scopus and Thomson Reuter).
6. A Review for QSD number Addition/Subtraction, International journal of Innovative science and research technology, 2016, Shrishti Arora, Abhilasha.
7. Arun Kumar: Title: A Review on Activities of Fifth Generation Mobile Communication System: Alexandria Engineering Journal, Elsevier, 2017.

Name of Students	Topics	Guide	Status
Abhisekh P. Singh	Digital Video Stabilization	Dr. Manoj Gupta	Awarded
PiyushVadhan	DESIGN OF MASSIVE MIMO FOR CELLULAR COMMUNICATION SYSTEM.	Prof. Manisha Gupta & Dr. Arun Kumar	Awarded
NandhaKumar. P	DESIGN OF MASSIVE MIMO FOR CELLULAR COMMUNICATION SYSTEM, University: JECRC University	Dr. Arunkumar	Awarded
Harini Mathur	Design and simulation of MEMS based pressure sensor	Ms. KanchaSengar	Awarded

8. International Conference on Soft Computing : Theories and Applications ,December 28-30, 2016.Title "Design and Analysis of Broadband Microstrip Antenna using LTCC for Wireless Applications", Parul Pathak and P K Singhal.
9. Research Paper entitle "Design and Implementation of OFDM Transceiver using Different Modulation Technique over CDMA" accepted in “ ICACIE-2017, AJMER Authored by Arun Kumar.

Ph.D Awarded

1. Ph.D Awarded to Arun Kumar
2. Ph.D Awarded to Manoj Gupta

M.Tech Awarded:

Achievements:

1. Dr.Arun Kumar: Technical Member Comitee of International Conference on Energy Engineering and Smart Grids (ESG 2018) Venue: Oxford city, United Kingdom
2. Dr. ArunKumar: Editor Member in “International Journal of Wireless Communication and MobileComputing"Sciencepublishinggroup,USA.
<http://www.sciencepublishinggroup.com/journal/index?journalid=133>
3. Dr. Dinesh Sethi: Invited as a **Co-Chairman** in IEEE INTERNATIONAL CONFERENCE ON RECENT ADVANCES AND INNOVATIONS IN ENGINEERING.

4. Dr. Dinesh Sethi: Invited as a **Session Chair** in IEEE sponsored National Conference on Recent Technological Developments in Electronics and Electrical Engineering-2016 on Aug 12-13, 2016 at JECRC College, Jaipur.
5. Dr. Dinesh Sethi: Member, Editorial Board in an International Journal.(Journal – IJCRCE).
6. Ms. Parul Pathak Review Committee Member in International Conference on Soft Computing.
7. Ms. Parul pathak: Invited as a **Session Chair** in International Conference on Soft Computing (Socta).
8. Dr. Arun Kuma: Reviewer of International Journal of Electronics (Taylor & Francis), IET, Springer, Sidw.
9. Dr. Manoj Gupta :Technical Program Committee Member of 2017 2nd IEEE International Conference on Signal and Image Processing (ICSIP 2017), August 04-06, 2017 in Nanyang Executive Centre, Singapore.
10. Dr. Manoj Gupta: Technical Program Committee Member of 2017 2nd International Conference on Computational Intelligence and Applications (ICCIA 2017), September 08-11,2017 in North China University of Technology, Beijing, China.
11. Dr. Manoj Gupta: Technical Program Committee Member of 2016 IEEE International Conference on Signal and Image Processing (ICSIP 2016), August 13-15,2016 in North China University of Technology, Beijing, China.

WORKSHOPS (2016-17)

1. Work Shop on IRNSS (Training given to 600+ B.Tech& BCA First Year Students):

The Indian Regional Navigation Satellite System (IRNSS) with an operational name of NAVIC ("sailor" or "navigator" in Sanskrit, Hindi and many other Indian languages, which also stands for NAVigation with Indian Constellation) is an autonomous regional satellite navigation system, that provides accurate real-time positioning and timing services. It covers India and a region extending 1,500 km (930 mi) around it, with plans for further extension. The system at-present consist of a constellation of 7 satellites, with two additional satellites on ground as stand-by.

The module includes:

- ☐ Introduction to satellite navigation lab.
- ☐ How navigation system works?

- Introduction to IRNSS receiver & it's working.
- Why IRNSS is important for India.
- Future prospects & its contribution to India's security.



2. Workshop on HFSS by ARK Info Sol. Pvt. Ltd.

ANSYS HFSS software is the industry standard for simulating 3-D, full-wave, electromagnetic fields. Its gold-standard accuracy, advanced solvers and high-performance computing technologies make it an essential tool for engineers tasked with executing accurate and rapid design in high-frequency and high-speed electronic devices and platforms. HFSS offers state-of-the-art solver technologies based on finite element, integral equation, asymptotic and advanced hybrid methods to solve a wide range of microwave, RF and high-speed digital applications.



3. Vision Workshop on ES and Solar:

An embedded system is some combination of computer hardware and software, either fixed in capability or programmable, that is designed for a specific function or for specific functions within a larger system. Industrial machines, agricultural and process industry devices, automobiles, medical equipment, cameras, household appliances, airplanes, vending machines and toys as well as mobile devices are all possible locations for an embedded system.



4. Workshop on Verilog and Xilinx DKOB LAB.

The Integrated Software Environment (ISE®) is the Xilinx® design software suite that allows you to take your design from design entry through Xilinx device programming. The ISE Project Navigator manages and processes your design through the following steps in the ISE design flow.



5. Workshop on Matlab:

MATLAB (Matrix laboratory) is a multi-paradigm numerical computing environment and fourth-generation programming language. A proprietary programming language developed by MathWorks, MATLAB allows matrix manipulations, plotting of functions and data, implementation of algorithms, creation of user interfaces, and interfacing with programs written in other languages, including C, C++, C#, Java, Fortran and Python.



Rajasthan Patrika Interviewed To Dr.Arun Kumar about his Research Work:

वेस्ट स्पेक्ट्रम का होगा इस्तेमाल

पत्रिका PLUS रिपोर्ट

जयपुर ● हमारे मोबाइल का लगभग 70 प्रतिशत स्पेक्ट्रम वेस्ट हो रहा है। पॉपुलेशन बढ़ने के कारण आने वाले समय में स्पेक्ट्रम की ज्यादा जरूरत होगी। यदि इस स्पेक्ट्रम को दूसरे मोबाइल पर काम में लिया जाए तो इससे बेहतर विकल्प नहीं होगा। आने वाली 5जी टेक्नोलॉजी में कुछ ऐसा ही होने जा रहा है। मसलन, मौजूदा 4जी सर्विस में कई बार घर के अंदर और बाहर का मोबाइल नेटवर्क अलग-

अलग होता है। इस परेशानी को दूर करने के लिए काम्पैक्टिव रेडियो का इस्तेमाल किया जाएगा। इस टेक्नोलॉजी के तहत काम्पैक्टिव रेडियो चिप के तौर पर इंटीग्रेट होकर स्मार्टफोन में आएगा। यह चिप आसपास के एन्वायरनमेंट को रीड करेगा और उसके अनुसार मोबाइल नेटवर्क संबंधी निर्णय लेगा।

दूर होगा सिग्नल लॉस्ट

जेईसीआरसी यूनिवर्सिटी के डॉ. अरुण कुमार ने डॉ. मनीषा गुप्ता के निर्देशन में रिसर्च की है। इस टेक्नोलॉजी से आने वाले समय में सिग्नल लॉस्ट होने की समस्या काफी हद तक दूर होगी। 4जी में इस्तेमाल होने वाले साइबिलक प्रिफिक्स से 11 प्रतिशत बैंडविड्थ का

लॉस हो रहा है। मॉड्युलेशन स्कीम के तहत एडवांस फिल्टर बैंड मल्टी करियर डवलप किया। इसमें साइबिलक प्रिफिक्स के बजाय फिल्टर इस्तेमाल करने से न केवल परफॉर्मेंस बेहतर हुआ, बल्कि 11 प्रतिशत बैंडविड्थ के लॉस को भी कंज्यूम कर लिया। रिसर्च में अल्ट्रा व्हाइट बैंड यानी ब्लैक एंड व्हाइट टीवी के स्पेक्ट्रम को इस्तेमाल करने पर भी काम किया गया है। चूंकि अब ब्लैक एंड व्हाइट टीवी इस्तेमाल नहीं होते, इसलिए इसका ज्यादातर स्पेक्ट्रम वेस्ट जाता है। वेस्ट स्पेक्ट्रम को यूटिलाइज किया जा सकता है। इसका फायदा शॉर्ट रेंज वायरलेस कम्युनिकेशन में आसानी से किया जा सकता है, जैसे- ब्लूटूथ, वाई-फाई आदि।

पत्रिका

Sun, 13 August 2017
epaper.patrika.com/c/21312151

DEPARTMENT OF CIVIL ENGINEERING

Course offered:

Courses offered	Annual Intake	Number of Applications	Boys	Girls	Total
Ph.D.	08	04	---	---	---
Masters in	18	---	---	---	----
Bachelors in	120	72	64	04	68

Faculty & Staff:

Positions	Sanctioned	Working	On Leave
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Teaching

Professors	----	---	-----
Associate Prof.	----	---	----
Assistant Prof.-I	----	---	---
Assistant Prof.-II	11	11	---

Non-teaching

Lab Technician	03	03	
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Mr. Anil Kumar Gupta

Designation: Assistant Professor-II

Department: Civil Engineering

Qualification: M.Tech (Structural Engineering), B.Tech (Civil Engineering)

Email: anilkumar.gupta@jecrcu.edu.in

Research Area: Damage quantification using global dynamic techniques, RCC.

Papers Published: 06



Mr. Yuvraj Singh

Designation: Assistant Professor-II

Department: Civil Engineering

Qualification: M.Tech from MNIT, Ph.D (Persuing)

Email: yuvraj.singh@jecrcu.edu.in

Research Area: Water Assessment & Management
(Rajasthan Government Project, JDA, Jalmahal, Jaipur)

Publication: Papers Published: 02



Mr. Kuldeep Singh

Designation: Assistant Professor-II

Department: Civil Engineering

Qualification: M.Tech (transportation Engineering), B.Tech (Civil Engineering)

Email: kuldeep.singh@jecrcu.edu.in

Research Area: Concrete Technology, Recycle Aggregate Concrete



Mr. Sabhilesh Singh

Designation: Assistant Professor-II

Department: Civil Engineering

Qualification: M.Tech (Structural Engineering), B.Tech (Civil Engineering)

Email: sabhilesh.singh@jecrcu.edu.in

Research Area: Concrete Technology, Partially Replacement of
Marble Dust with Concrete Pavements and Mortar



Mr. Anirudh Sharma

Designation: Assistant Professor-II

Department: Civil Engineering

Qualification: M.Tech (Structural Engineering), B.Tech (Civil Engineering)

Email: anirudh.sharma@jecrcu.edu.in

Research Area: Strength of Concrete in Compression, Flexible and Tension



Mr. Sonu Rajak

Designation: Assistant Professor-II

Department: Civil Engineering

Qualification: M.Tech (Structural Engineering) from IIT Roorkee,
B.Tech (Civil Engineering) from UCE, RTU, Kota

Email: sonu.rajak@jecrcu.edu.in

Research Area: Optimization of Steel Truss bridge using Genetic Algorithm,
Utilization of Kota Stone and Marble Cutting Waste in Making Cement Concrete



Mr. Awadhesh Sharma

Designation: Assistant Professor-II

Department: Civil Engineering

Qualification: M.Tech (Structural Engineering), B.Tech (Civil Engineering)

Email: awadhesh.sharma@jecrcu.edu.in

Research Area: Concrete Technology, Blast load effects on building structures.



Mr. Ram Vilas Meena

Designation: Assistant Professor-II

Department: Civil Engineering

Qualification: M.Tech from MNIT

Email: ramvilasmeena@gmail.com

Research Area: Transportation Engineering, Material



Mr. Suresh Kumar Chaudhary

Designation: Assistant Professor-II

Department: Civil Engineering

Qualification: M.Tech



Email: sureshkumar.chaudhary@jecrcu.edu.in

Research Area: Concrete

Mr. Amol Singh

Designation: Assistant Professor-II

Department: Civil Engineering

Qualification: M.Tech

Email: amol.singh@jecrcu.edu.in

Research Area: Concrete



Mr. Karan Singh

Designation: Assistant Professor-II

Department: Civil Engineering

Qualification: M.Tech from NIT, Kurukshetra

Email: karans72@gmail.com

Research Area: Impact on Climate Change of Temp & Rainfall of Delhi

Publication: Trend Analysis of Future Prediction of Temperature (Max)



ANNUAL ACTIVITIES REPORT FOR THE YEAR 2015-16:-

- 1) The meeting of board of studies held on 10th January, 2017 at 3.00 P.M. in the department and in this meeting some new subjects were introduced & some subjects were modified.
- 2) There were 310 students in B Tech course & 2 students in M. Tech course (Structural Engg.).
- 3) There were 11 faculty member in Civil Engg. Department & Their details are given below

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Name of Faculty	Designation	Stream
Mr. Anil Kr. Gupta	Assistant Professor-II	M Tech (Structure)
Mr. Sonu Rajak	Assistant Professor - II	M Tech (Structure)
Mr. Awadhesh Sharma	Assistant Professor - II	M Tech (Structure)
Mr. Yuvraj Singh	Assistant Professor - II	M Tech (Environment)
Mr. Anirudh Sharma	Assistant Professor - II	M Tech (Structure)
Mr. Suresh Kr. Choudhary	Assistant Professor - II	M Tech (Structure)
Mr. Amol Singh	Assistant Professor - II	M Tech (Structure)

Mr. Sabhilesh Singh	Assistant Professor - II	M Tech (Structure)
Mr. Ramvilash Meena	Assistant Professor - II	M Tech (Transportation)
Mr. Pamul Thalia	Assistant Professor - II	M Tech (Transportation)
Mr. Navrattan Suthar	Assistant Professor - II	M Tech (Environment)

- 4) A research paper of Yuvraj Singh on “Study of water quality index of Jal Mahal Lake, Jaipur Rajasthan.” was accepted by Ecology Environment & Conservation.
- 5) Yuvraj singh have attended executive development program of IIT, Dhanwad related to Environment for one week.
- 6) A Seminar was conducted in first week of February for IV & VI semester students in the department for the scope of Civil Engineering in higher studies, In which 100 & above students were participated.



- 7) An Industrial Visit of Sewerage Treatment Plant (STP) were scheduled on 30 August 2016 for the VII semester students, in which 48 students were participated for learning the process of STP.



- 8) Campus Recruitment Training Classes were conducted for B Tech VII semester students from 18 July to 12 August 2016 in which 60 and above students were participated.
- 9) 13 students of the Department have been placed such as Byju, Mahima Group, Mind it, Ali Baba Lantern, Just Dial, Nexus Waters Civil Engg. Theme Engg. etc.
- 10) Mr Anirudh Kaushik has selected in BYJU with 6 LPA plus incentives.
- 11) Mr Som Saxena & Mr Shivan Kr Saini of VI semester participated in “Con ? Quiz & Con ? Cube” was organized by Ultra Tech Cement.

FACULTY OF SCIENCE

Dean School of Science
 Department of Agriculture
 Department of Biotechnology
 Department of Botany
 Department of Chemistry
 Department of Design
 Department of Mathematics & Statistics
 Department of Microbiology
 Department of Physics
 Department of Zoology

Dean School of Science

Prof. (Dr.) R. N. Prasad

Designation: Dean & Senior Advisor

Department: School of Sciences

Qualification: M.Sc. (Chemistry), Ph.D, FICS, Post doc : Oxford (UK) and Notre Dame (USA),

President Indian Chemical Society, India

Email: senioradvisor@jecrcu.edu.in, dean.science@jecrcu.edu.in

Research Area: Co-ordination Chemistry, Bio-inorganic Chemistry, Macrocyclic Chemistry, Computational Chemistry 28 Ph. D's awarded under his supervision

Publication: Nationals and International Journals 125,

Presentations in Conferences: More than 100



DEPARTMENT OF AGRICULTURE

Course offered:

Courses offered	Annual Intake	Number of Applications	Boys	Girls	Total
Bachelors in	120	133	83	10	93

Faculty & Staff:

Positions	Sanctioned	Working	On Leave
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Teaching

Professors	02	02	----
Associate Prof.	----	---	----
Assistant Prof.-I	02	02	---
Assistant Prof.-II	----	---	---

Non-teaching

Lab Technician	---	----	
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Dr. Rajendra Kumar Bansal

Designation: Professor & HOD

Department: Agriculture

Qualification: M.Sc.(Agricultural), Ph.D (University of Udaipur, MPUAT Udaipur)

Email: hod.agriculture@jecrcu.edu.in

Research Area: Plant Diseases and their Management

Publication: Research Papers – 16; Research Articles -39 Booklets-03



Dr. S.S. Yadav

Designation: Professor

Department: Agriculture

Qualification: B.Sc.(Agricultural Engineering),
M. E Ag (FM&PE.), Ph.D (IIT, Kharagpur).

Email: ss.yadav@jecrcu.edu.in

Research Area: Farm Machinery and Power,
Pressurized irrigation and Post Harvest Technology

Publication: Research Papers - 20



Dr G P Meena

Designation: Assistant Professor-I

Department: Agriculture

Qualification: B.Sc.(Ag.), M.Sc. (Ag. Ext.) Ph.D (NDRI Karnal), PGDHRM,
MBA (HR), NET-2001, 2003.

Email: girraj.meena@jecrcu.edu.in

Research Area: Agriculture Extension, Training to VEWs, Impact of IT on
Milk Producers.

Publication: Research Papers - 20



Dr Varsha Kumari

Designation: Assistant Professor

Department: Agriculture

Qualification: B.Sc. (Hons.) Ag., M.Sc. (Ag.), Ph.D. (UAS,Dharwad)

Email: varsha.kumari@jecrcu.edu.in

Research Area: Plant Breeding and Genetics(Molecular)

Publication: Research Papers -13



ANNUAL ACTIVITY REPORT FOR THE YEAR 2016-17:-

(i) Board of Studies:

(ii) Visit to Vill. KARANGARH (Bassi):

Details attached.

DAINIK BHASKAR,DATED 2.3.2017 PAGE NO.6

जेईसीआरसी विवि का कृषक प्रशिक्षण कार्यक्रम

जयपुर|जेईसीआरसी विवि, जयपुर के बीएससी (कृषि के विभागाध्यक्ष प्रो. आर. के. बंसल की अगुवाई में ग्राम करणगढ़-बस्सी एक दिवसीय कृषक प्रशिक्षण कार्यक्रम आयोजित किया गया। विवि के छात्रों एवं क्षेत्र के किसानों द्वारा करणगढ़ के प्रगतिशील किसान नंदलाल सैनी द्वारा उत्पादित खीरा की किस्म का अवलोकन किया।



Botany Department 2016-17

Course offered: Minor Botany

Courses offered	Annual Intake	Number of Applications	Boys	Girls	Total
Ph.D	---	--			
Masters in	---				
Bachelors in	03	---		03	03

Faculty & Staff:

Positions	Sanctioned	Working	On Leave
Professor	01	01	-
Associate Professor	01	01	-

Teaching

Professors	01	Prof Widhi Dubey	Nil
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Associate Prof.	01	Dr Sonali Pandey	Nil
Assistant Prof.-I	-		
Assistant Prof.-II	-		

Ph.Ds Awarded/ On going

Scholar's Name	Topic	Supervisor	Status
Ishan Ullah Khan	Determination of medicinal properties and pesticides residue analysis in Coriander and Mustard honey.	Dr Widhi Dubey	Ongoing
Nidhi Sharma	A comparative study on bio-chemical and anti-microbial activities of peel and pulp of Aegle marmelos fruit from Jaipur region”.	Dr Widhi Dubey	Ongoing
Mr. Chandra Prakash	“Neonatal Screening Programme for Congenital Hypothyroidism	Dr Widhi Dubey	Ongoing
Ajay pal	Role Of Vesicular Arbuscular Mycorrhizal Biodiversity In Restoration Of Soil Fertility Of Arid Land In Jaipur Region	Dr Sonali Pandey	Eligibility criteria fulfilled
Chanchal Yadav	“Comparative Efficacy Of Vesicular Arbuscular Mycorrhiza(Vam) And P-Solubilizing Bacteria(PSB) In Some Plants Of Jaipur”.	Dr Sonali Pandey	Ongoing
Parul Sharma	A Study On Potential Of	Dr Sonali Pandey	Eligibility Criteria Fulfilled

	<i>Lasiurus Scindicus</i> In Biotreatment Of Industrial Effluents In Jaipur		
Manoj Kumar Sharma	Metabolic Syndrome Relationship To Non Insulin Dependent Diabetes Mellitus And Cardio Vascular Disease	Dr Sonali Pandey	Ongoing
Ritu Singh Rajpoot	Phytoplanktons As Bioindicators For Assessment Of Water Effluents Of Amanishah Nala,Jaipur	Dr Sonali Pandey	Ongoing

No. of Publications: **Papers/ Books**

Prof (Dr) Widhi Dubey

- 1) Bioactive Compounds present in AEGLE MARMELOS and their role in medicinal properties: A review in International .Journal of Pharma and Bio-Sciences 2016 July 7(3): (P) 170-176, ISSN 0975-6299. IJPBS achieves Journal ranking (SCI mago Journal ranking SJR) of 0.329 (Powered by Scopus of Elsevier) Impact factor 5.121.
- 2) Characterization of Volatile Bio-Chemical Compounds in Mustard Floral Honey from *Apis Melifera* by Gas Chromatography-Mass Spectroscopy. In International .Journal of Pharma and Bio-Sciences 2017 April: 8(2):(B) 1004-1009. ISSN 0975-6299. IJPBS achieves Journal ranking (SCI mago Journal ranking SJR) of 0.329 (Powered by Scopus of Elsevier) Impact factor 5.121.

Poster Presentation

- 3) Comparative Evaluation of Genotype Mycobacterium CM/AS Assay with conventional methods and 16S rRNA Sequencing for Identification of Mycobacterial Species. Presented at Microcon 2016 40th Annual Conference of Indian Association of Medical Microbiologists 23-27 Nov 2016 at Post graduate Institute of Medical Education and Research, Chandigarh.

- 4) Valuable Plants in Bio-Technology Application Presented at International Conference on Environmental Awareness: Protection and New Challenges 3-4 Feb 2017. Organised by Wilfred PG College under the Auspices of iSLS (International Society for Life Sciences) and ISCA (Indian Science Congress Association) Jaipur Chapter.
- 5) Mycobacterium Sakaratamak Taral Prathak -----Karan at Tiritiya Rashtriya Hindi Vigyan Samalan. 16-17 Dec 2016. Organized by Vigyan Bharati, Rajasthan, University of Rajasthan, Jaipur and Madhymik Shiksha Board Rajasthan.
- 6) Determination of Physico- Chemical Properties and Bio active Compounds in Coriander Floral Honey at National Seminar on Seed Spices for Enhancing Farmers Prosperity and Livelihood Security, Jan 21-22, 2017, NRCSS, Ajmer (Rajasthan) Jointly Organized by ICAR-NRC on Seed Spices, Ajmer Directorate of Arecanut and Spices Development, Calicut.

Conferences attended

1. Tiritiya Rashtriya Hindi Vigyan Samalan. 16-17 Dec 2016. Organized by Vigyan Bharati, Rajasthan, University of Rajasthan, Jaipur and Madhymik Shiksha Board Rajasthan.
2. Chaired Session at National Symposium on Global Environment Challenges: Present Scenario 21st January 2017 organized by Department of Botany, University of Rajasthan, Jaipur.
3. One Day Seminar on World Book Day “Intellectual Property Right & E-Publication”, 23rd April 2017 held at JECRC University, Jaipur.
4. National VET-Medico CME on INFLUENZA Preparedness and Control, 6-7th April 2017 Organised Jointly Amity Institute of Microbial Technology and SMS Medical College, Jaipur.
5. Chaired Session at Two Days Workshop on “Leadership Skills for Women” 17-18th Jun 2017. Organised by Shakti Rajasthan Jaipur. Co-Organiser SS Jain Subodh PG (Autonomous) College, Jaipur.

Dr. Sonali Pandey

Ajaypal & Pandey.S (2017)A study on pearl millet (*Pennisetum glaucum* L.) plant Biochemical and Histochemical changes inoculated with indigenous AM fungi under Barren soil Journal of Plant Biotechnology ISSN 1229-2818 44:203–206

Ajaypal & Pandey. S(2017) **Role of Arbuscular Mycorrhizal Fungi on Plant Growth and Reclamation of Barren Soil with Wheat (*Triticum aestivum* L.) crop** International Journal of Soil Science ISSN : 1816-4978

Parul Sharma and Sonali Pandey (2017) Phytomanagement of Heavy Metal Lead by Fodder Grass *Lasiurus scindicus* in Polluted Soil and Water of Dravyawati River In American Journal of Environmental Sciences DOI: 10.3844/ajessp.2017 Vol. 13(2) Pg.No.167-171

Ritusingh Rajpoot, **Sonali Pandey & Seema Bhadauria (2017)** Status of Water Pollution in Relation to Industrialization in Rajasthan. In: Reviews on Environmental Health Vol. 32 Accepted 25 Feb.2017 DOI10.1515/reveh-0069

Ritusingh Rajpoot, **Sonali Pandey & Seema Bhadauria (2016)**Correlation of Biodiversity of Algal Genera with Special Reference to the Waste Water Effluents from Industries.**American Journal of Engineering and Applied Sciences Vol. 9(4) Doi10.3844/ajeasp.2016.1127.1133**

Conferences, Seminars, Workshops, Symposia Attended

- 1. One Day Workshop on DNA Sequencing by Sanger Method at Central University, Bhatinda in collaboration with DBT, New Delhi on 17-18, Feb 2017**
- 2. National Symposium on Global Environmental Challenges: Present Scenario, Dept. Of Botany, University of Rajasthan, Jaipur 25, Jan-2017**
- 3. Tiritiya Rashtriya Hindi Vigyan Sammelan, Jaipur Rajasthan in association with CCT(University of Rajasthan) and DST, Rajasthan (Dec-2016)**
- 4. National Seminar on Biodiversity, Conservation and Ecotourism, Dept. Of Botany, Maharana Pratap Govt. Post graduate college, Chittorgarh, Rajasthan (27-28 Sept. 2016)**

Prof. (Dr.) Widhi Dubey**Designation:** Director**Department:** School of Sciences**Qualification:** M.Sc. (Bot.), Ph.D, F.B.S., F.S.A.B.**Email:** widhi.dubey@jecrcu.edu.in**Research Area**

Plant pathology, Plant nematology & integrated pest management, Pollen allergy, Antimicrobial and antioxidant activity of plants.

Publication: Journals 17, Books 06, Presentations in Conferences: 12**Dr. Sonali Pandey****Designation:** Associate Professor**Department:** Botany**Qualification:** M.Sc, Ph.D(F.B.S)**Email:** sonali.pandey@jecrcu.edu.in**Research Area**

Plant pathology; Plant nematology; agricultural biotechnology especially in the field of biofertilizers; environmental biotechnology.

Publication: Journals 15, Books 05, Presentations in Conferences 11**Biotechnology Department 2016-17****Course offered: Biotechnology**

Courses offered	Annual Intake	Number of Applications	Boys	Girls	Total
Ph.D	-	-	-	-	-
Masters in	-	-	-	-	-
Bachelors in	15	35	7	8	15

Faculty & Staff:

Positions	Sanctioned	Working	On Leave
Assistant Professor	2	2	
Associate Professor	1	1	-

Teaching

Professors		-	-
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Associate Prof.	1	-	-
Assistant Prof.-I	2	-	-
Assistant Prof.-II	-	-	-

Non-teaching

Lab Assistant	1	1	-
Lab Bearer	1	1	-

Ph.Ds Awarded/ On going

Scholar's Name	Topic	Supervisor	Status
Shivendra Sharma	Study of Petroleum Hydrocarbons degrading Microorganisms, Isolated from Churu district (Arid zone of Rajasthan)”	Dr. Hardik Pathak	Ongoing
Shallu Sihag	Biodegradation potential of hydrocarbon degrading microorganisms, isolated from high Altitude region of Rajasthan (mount abu)	Dr. Hardik Pathak	Ongoing
Pooja Pandey	The topic may be changed as- "Protein profiling of Hydrocarbons degrading micro-organisms isolated from petroleum contaminated soil of Mathura."	Dr. Hardik Pathak	Ongoing
Tarun Kumawat	Evaluation of Biodegrading potential of keratinophilic microflora of Rajasthan.	Dr. Anima Sharma and Dr. Seema Bhadauria	Ongoing
Abhishek Sharma	Isolation, characterization and extraction of secondary metabolites showing anti-microbial activity against nosocomial infections from mesophilic soil of rajasthan		

Adnan Khokar	Isolation and characterization of secondary metabolites from selected arid zone plants		
Nalinee Kumari	Search of novel antimicrobial agents producing microorganisms (aapm) from the rhizospheric actinomycetes of rajasthan		Ongoing
Pooja Saini	Isolation and characterization of secondary metabolites from cuscuta reflexa		Ongoing
Sapna Sharma	Isolation of bacterial community associated with the rhizosphere of Glycine max and their application as biofertilizer	Dr. Ruchi Seth	Ongoing
Gaurav Kaushik	Decolorization and biodegradation of dyes by microorganisms from Jaipur district dye contaminated waste water and soil	Dr. Ruchi Seth	Ongoing
Vishnu Sharma	Isolation of essential oils extracted from <i>Salvia officianlis</i>, <i>Ocimum tenuiflorum</i>, <i>Citrus grandis</i> and <i>Eucalyptus globulus</i>	Dr. Anima Sharma & Dr. Ruchi Seth	Ongoing

Collaborative Research Projects by Faculty/Centre/Deptt.

Topic	Investigator/ Co-Investigator	Grant allocated	Sponsor	Date o Commencement	Duration	Status
Women Technology Park, Vidhani Village, Jaipur	Co-Principal Investigator	70 lakhs	DST, New Delhi	December 2014	3 years (2014-2017)	Ongoing

Dr. Hardik Pathak**Designation:** Assistant Professor-I & HOD**Department:** Department of Biotechnology**Qualification:** PhD, M.Sc. Biotechnology**Research Area**

Environmental Biotechnology, Microbial Technology

Publication

Journals Publications 11, Books 06, Presentations in conferences 06

**Dr. Ruchi Seth****Designation:** Assistant Professor-I**Department:** Department of Biotechnology**Qualification:** PhD, M.Sc. Biotechnology**Email:** ruchi.seth@jecrcu.edu.in**Research Area**

Secondary metabolites, Plant Tissue Culture

Publication

Journals Publication 04, Presentations in conference 06

**Dr. Ekta Menghani****Designation:** Associate Professor**Department:** Department of Biotechnology**Qualification:** M.Sc. Ph.D. (Life Science)**Email:** research@jecrc.ac.in , ekta.menghani@jecrcu.edu.in**Research Area**

Indian Medicinal plants as potential source of Novel Metabolomics and Therapeutic Targets, Bioactivity guided fractionation of different extracts

Publication

Journal Publications 61, Books 11, Presentation in Conferences 15

**SAILENT FEATURES/ ACHIEVEMENTS OF DR EKTA MENGHANI, DEPARTMENT OF BIOTECHNOLOGY**

Dr. Ekta Menghani, selected in group of scientist for multi-centric proposal to study Impact of Gender Mainstreaming Policy of Department of Science and Technology, organized by IBCB, Visakhapatnam on 7th July, 2017.



Dr. Ekta Menghani, received Distinguished Service Award by JECRC Foundation on 13th August, 2017 for her services by the Chairman AICTE, Dr. Anil Sahasrabudhe accompanying him was Director AICTE, Dr. Manpreet Singh Manna on the occasion of 18th Induction Ceremony of JECRC welcomed Batch 2017-21.



Publication by Dr. Ekta Menghani

- 1 Abhishek Sharma and **Ekta Menghani**. Microorganisms as chemical factories for isolation of Metabolomes from Mesophilic soil. International Journal of Pharmacy and Pharmaceutical Sciences. 2017, 9(4):121-128
- 2 Richa Tyagi, **Ekta Menghani** and Gaurav Sharma. An endangered medicinal plant, *Plumbago zeylanica* L. and its substitute *Dyerophytum indicum* (Gibbs ex Wight) Kuntze: A comparative HPTLC, HPLC Study and screening of antioxidant activity. JPC Journal of Planar Chromatography – Modern TLC. 2017, 30(1):17-24. 30(1)DOI: 10.1556/1006.2017.30.1.2
- 3 Sharma, A., & **Menghani, E.** Antibiotic potentials and isolation of metabolomes from microorganisms of mesophilic soil of Rajasthan, India. African Journal of Microbiology Research, 11(8), 335-344. (2017).
- 4 Meeta Masand, Gaurav Sharma and **Ekta Menghani**. A review of research on actinomycetes in Rajasthan. Asian Journal of Microbiology, Biotechnology and Environmental Sciences Paper. 18(3): 673-677 (2016).
- 5 Tyagi R. G. Sharma. N.D. Jasuja and **E. Menghani**. Indian Medicinal Plants as an effective antimicrobial agent. J. Crit Rev 3(2): 69-71(2016).

6 Ongoing Projects

PI/ Co PI	Title	Agency	Period	Grant/ Amount Mobilized (Rs. lakh)	Status
Dr. Ekta Menghani	Principal Investigator for Women Technology Park, JECRC Vidhani Village	DST, New Delhi	3 years (2014-2017)	70 lakhs	Ongoing
Dr. Ekta Menghani	Co-Principal Investigator for Cognitive Science Project, JECRC Foundation, Jaipur	DST, New Delhi	3 years (2014-2017)	45 lakhs	Ongoing
Dr. Ekta Menghani	Principal Investigator of Research Project entitled “ <i>Search for the novel compounds from arid zone plants with ethno-medicinal background as therapeutic targets (2012-2015)</i> ”	DST, New Delhi	3 years (2012-2015)	25 lakhs	Completed

S.No.	Title of the paper presented	Title of Conference/ Seminar	Organized by	Whether international/ national/ state/ regional/ college or university level

1	Dr. Ekta Menghani Oral Presentation on Anthocyanins as Potential Therapeutic Anticancer Agents and Chairperson (Session II)	National Conference on Applied Science and Humanities in Engineering	Department of Applied Science and Humanities, JECRC Foundation, Jaipur	National
2	Dr. Ekta Menghani Poster presentation on मोगिया जनजाति का मधुमेह रोधी वानस्पतिक ज्ञान	Third National Hindi Science Conference	Hindi Bharti Rajasthan, and University of Rajasthan, Jaipur	National

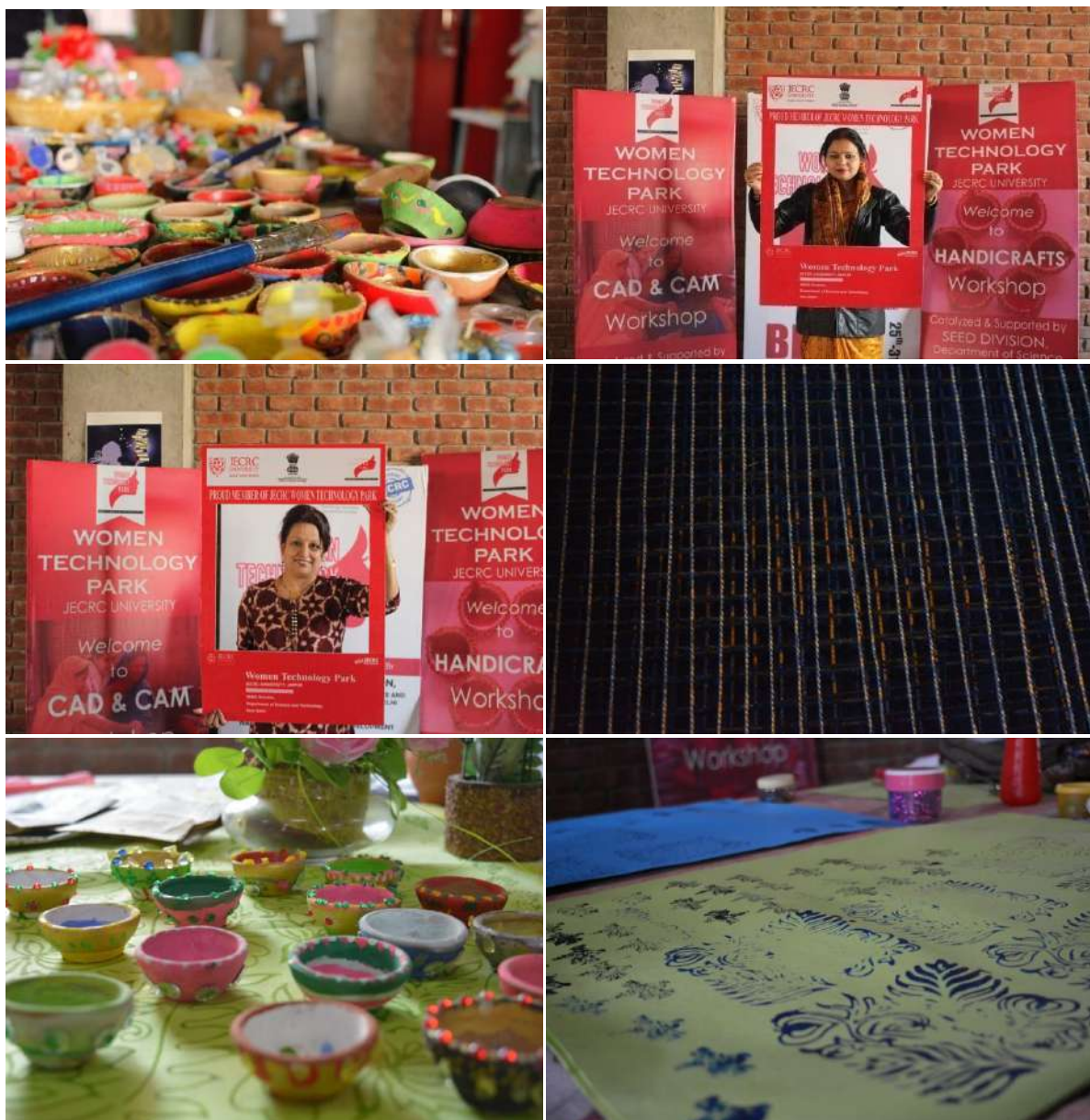
S.No.	Title of Lecture/ Academic Session	Title of Conference/ Seminar etc	Organized by	Whether international/ national
1	Dr. Ekta Menghani, Convener	Organized SEC Meeting for WOS A Physical and Mathematical Sciences 14-15 July, 2017	JECRC University	National
2	Dr. Ekta Menghani, Convener	Organized SEC Meeting for WOS A Engineering and Technology, Feb 14-15, 2017	JECRC University	National
3	Dr. Ekta Menghani, Convener	Organized SEC Meeting for WOS A Life Sciences, 19-21 st March 2016	JECRC University	National

Julia Mila Martinez, Polytechnic University of Valencia, Spain, International Students Internship under IASTE Program was successfully completed under supervision of **Dr. Ekta Menghani** entitled “Thin Layer Chromatography and Antimicrobial Efficacy of flowers and spices” from 1st July to 5th August 2017.



Organized WTP Workshops

JU WOMEN TECHNOLOGY PARK organized a campaign to sensitize the youth to play their role in up-liftment of rural women of Rajasthan especially vidhani village to come forward with join hands and hands and prove that we can do the best....Students become master trainers, members and path guider to rural women. The awareness camp begin on 18th January, 2017 and positive thinking of students was much appreciated. Its really a great pleasure to be part of this social cause with jointly SEED DIVISION, DEPARTMENT OF SCIENCE AND TECHNOLOGY, NEW DELHI. We are really thankful to all our dear students to be part of this really appreciated....Thanks a ton to all for making this campaign a mega success.....



PRESS RELEASE – DR. EKTA MENGHANI



प्रतिभाओं का हुआ सम्मान

पत्रिका PLUS रिपोर्टर

जयपुर • जेईसीआरसी कॉलेज में विभिन्न क्षेत्रों में श्रेष्ठ प्रदर्शन के लिए सम्मानित किया गया। इस सम्मान समारोह में डायरेक्टर सोशल इनिशिएटिव ओपी जैन को सामाजिक सरोकार से जुड़े कार्यक्रमों और एंटी रैगिंग सेल के लिए सम्मानित किया। वहीं, डॉ. भावना शर्मा, विनीत अग्रवाल, मुक्ता बिहारी, रमेश राव, डॉ. एकता मेघानी, मुकेश अग्रवाल, अंशुल मित्तल, निधि अग्रवाल और प्रियंका शुक्ला को भी सम्मानित किया गया। प्रिंसिपल प्रो. विनय कुमार चांदना को 'स्वयं' के प्रमोशन लिए पुरस्कृत किया। डायरेक्टर



अर्पित अग्रवाल ने सभी के उज्जवल भविष्य की कामना करते हुए शुभकामना सदिश दिया।

Tue, 22 August 2017
epaper.patrika.com/c/21621758



फैकल्टी को किया सम्मानित

डेली न्यूज, mix रिपोर्टर

जयपुर। कॉलेज में स्टूडेंट्स की तरह फैकल्टी को भी सम्मानित किया जा रहा है। इसी क्रम में सोमवार को जेईसीआरसी कॉलेज में विभिन्न फील्ड में श्रेष्ठ प्रदर्शन करने वाले फैकल्टी और स्टाफ को अवार्ड किया गया। इसमें सामाजिक सरोकार के लिए सोशल इनिशिएटिव के डायरेक्टर ओपी जैन, स्मार्ट इंडिया हैकथॉन के लिए डॉ. भावना शर्मा, स्टार्टअप प्लानिंग एंड इम्प्लीमेंटेशन के लिए विनीत अग्रवाल सहित मुक्ता बिहारी, रमेश राव, डॉ. एकता मेघानी, मुकेश अग्रवाल, अंशुल मित्तल, निधि अग्रवाल, प्रियंका शुक्ला और कॉलेज के प्रिंसिपल डॉ. विनय कुमार चांदना को डवलपमेंट कार्यों के लिए सम्मानित किया गया। कॉलेज डायरेक्टर अर्पित अग्रवाल ने सभी को प्रोत्साहित किया।



Tue, 22 August 2017
epaper.dailynews360.com/c.



जेईसीआरसी में प्रतिभा सम्मान समारोह संपन्न

वाणिज्य संवाददाता

जयपुर। जयपुर के तकनीकी शिक्षा जगत में अपना एक अहम स्थान रखने वाले जेईसीआरसी (कॉलेज) में विभिन्न क्षेत्रों में श्रेष्ठ प्रदर्शन के लिए प्रतिभाओं को सम्मानित किया गया। सम्मान समारोह में ओपी जैन, डायरेक्टर सोशल इनिशिएटिव को सामाजिक सरोकार से जुड़े हुए कार्यक्रमों जैसे सुहासिनी, आशाएं जरूरत, सोच एवं एंटी रैगिंग सेल के लिए सम्मानित किया गया, वहीं डॉ. भावना शर्मा कम्प्यूटर साइंस को स्मार्ट इण्डिया हैकथॉन के लिए सम्मानित किया गया, विनीत अग्रवाल डायरेक्टर फाइनेंस को



बेहतर स्टार्ट अप प्लानिंग और इम्प्लीमेंटेशन के लिए सम्मानित किया गया, मुक्ता बिहारी डायरेक्टर एच आर, रमेश रावत सी. एकज्यूकेटिव एचआर को उनकी बेहतर सेवाओं के लिए सम्मानित किया गया, डॉ. एकता मेघानी को एक्टेन्डेड रिसर्च फंडेड प्रोजेक्ट्स के लिए सम्मानित किया गया, मुकेश अग्रवाल को स्मिचुल रिसर्च लैब और मेडिटेशन सेंटर के लिए सम्मानित किया गया। अंशुल मित्तल और निधि अग्रवाल स्टूडेंट डवलपमेंट आफिसर को एक्सट्रा कैरिकुलम एक्टिविटीज के लिए सम्मानित किया गया, प्रियंका शुक्ला को बेहतर एलुमिनाई इल्लुशनशिप के लिए सम्मानित किया गया और वहीं जेईसीआरसी कॉलेज के प्रिंसिपल प्रोफेसर डॉ. विनय कुमार चांदना को फ्री ऑनलाइन कोर्सेज और लैक्चर्स के प्रमोशन के लिए सम्मानित किया गया। कार्यक्रम के दौरान जेईसीआरसी कॉलेज के डायरेक्टर अर्पित अग्रवाल ने सभी के उज्जवल भविष्य की कामना करते हुए शुभकामना देने के साथ धन्यवाद ज्ञापित किया।

वर्कशॉप में डॉ. एकता ने की शिरकत

जयपुर • विज्ञान एवं तकनीकी विभाग नई दिल्ली की ओर से महिलाओं के



उत्थान के लिए कार्यशालाओं का आयोजन किया जाता है। इस क्रम में इंस्टीट्यूट ऑफ बायो इन्फॉर्मेटिक एंड कम्प्यूटेशनल

बायोलॉजी, विशाखापट्टनम के तत्वावधान में वर्कशॉप का आयोजन किया गया। जेईसीआरसी यूनिवर्सिटी में बायो टेक्नोलॉजी की एसोसिएट प्रोफेसर डॉ. एकता मेंधानी ने भी वैज्ञानिक के रूप में इस कार्यशाला में हिस्सा लिया।

पत्रिका Thu, 13 Jul 2017
epaper.patrika.com



वर्कशॉप का आयोजन

वाणिज्य संवाददाता

जयपुर। विज्ञान एवं तकनीकी विभाग नई दिल्ली और इंस्टीट्यूट ऑफ बायो इन्फॉर्मेटिक एंड कम्प्यूटेशनल बायोलॉजी विशाखापट्टनम के तत्वावधान में महिलाओं के उत्थान के लिए सीतापुरा में वर्कशॉप का आयोजन किया गया। वर्कशॉप का मुख्य उद्देश्य भारत सरकार द्वारा संचालित विभिन्न योजनाओं से महिलाओं को मुख्य धारा से जोड़ना रहा। जेईसीआरसी यूनिवर्सिटी में आयोजित इस वर्कशॉप में जहां देशभर से 20 वैज्ञानिकों का चयन हुआ वहीं यूनिवर्सिटी की बायो टेक्नोलॉजी एसोसिएट प्रोफेसर डॉ. एकता मेंधानी का भी चयन किया गया।

विशिष्ट वैज्ञानिकों की कार्यकारिणी में डॉ. मेंधानी का चयन



डेली न्यूज, mix रिपोर्टर

जयपुर। विज्ञान एवं तकनीकी विभाग नई दिल्ली और इंस्टीट्यूट ऑफ बायो इन्फॉर्मेटिक एंड कम्प्यूटेशनल बायोलॉजी, विशाखापट्टनम के सहयोग से दिल्ली में वर्कशॉप का आयोजन किया गया।

वर्कशॉप में महिलाओं के लिए भारत सरकार की ओर से संचालित विभिन्न योजनाओं पर विश्लेषण करने के लिए विशिष्ट वैज्ञानिकों की एक कार्यकारिणी का निर्धारण किया गया, इसमें देशभर के 20 वैज्ञानिकों का चयन किया गया था। इसमें जेईसीआरसी यूनिवर्सिटी में

बायो टेक्नोलॉजी की एसोसिएट प्रोफेसर डॉ. एकता मेंधानी का चयन किया गया। कार्यशाला का उद्देश्य महिलाओं को मुख्यधारा में लाने हेतु संचालित योजनाओं के समग्र प्रभाव को जानने के लिए आंकड़े एकत्र करना था। अगले चरण में इन योजनाओं के प्रभाव से आजीविकोपार्जन कर रही महिलाओं का एक डाटाबेस तैयार कर अगले चरण के लिए कार्य योजना का स्वरूप दिया जाएगा। गौरतलब है कि डॉ. एकता मेंधानी भारत सरकार के विज्ञान और तकनीकी विभाग की ओर से वित्त पोषित वुमंस डवलपमेंट पार्क की कार्यकारिणी की अध्यक्ष भी हैं।

Thu, 13 July 2017
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Chemistry Department 2016-17

Course offered: Major/ Minor Chemistry

Courses offered	Annual Intake	Number of Applications	Boys	Girls	Total
Ph.D	--	--	--	--	--
Masters in	7	--	1	6	7
Bachelors in	9	--	4	5	9

Faculty & Staff:

Positions	Sanctioned	Working	On Leave
Professor	04	04	-
Associate Professor	01	01	-
Assistant Prof.-I	04	04	-
Assistant Prof.-II	01	01	-

Teaching

Professors	04	04	-
Associate Prof.	01	01	-
Assistant Prof.-I	04	04	-
Assistant Prof.-II	01	01	-

Non-teaching

Lab Assistant	02	02	--
Lab Bearer	01	01	--

FACULTY PROFILE

Prof. (Dr.) Priyanka Dhingra

Designation: Professor & HOD

Qualification: M.Sc., Ph.D, NET(UGC) Diploma in German language

Email: priyanka.dhingra@jecrcu.edu.in, hod.chemistry@jecrcu.edu.in

Research Area: Synthesis and biological activity of metal complexes of therapeutic compounds, Green methods for waste water treatment. Degradation of dyes.

Research Publications - 20, Books Published – 02, Papers Published in Conferences: 14

Member: Scientific Planet Society, Member of Editorial Board: Octa journal of Environmental research



Prof. (Dr.) S. K. Sharma

Designation : Professor

Qualifications: B.Sc., M.Sc., Ph.D.

Email : sk.sharma@jecrcu.edu.in

Research Area: Green Chemistry, Heavy Metals Removal by Biosorption, Biopolymers and Green Corrosion Inhibition

Publication: Research Publications - 60, Books Published – 16



Prof. Sapna Sharma

Designation: Professor

Qualification M.Sc., B.Ed., Ph.D. (Chemical Sciences)

Email : sapna.sharma@jecrcu.edu.in

Research Area: Adsorption chemistry and its kinetics and plants as potential source for removal of various ions from the agricultural/industrial wastes

Publication Journal Publication- 12, Books- 06, Presentation in Conferences- 19, Projects (Major, Minor and Student Projects)- 01



Prof. (Dr.) Sonu Pareek

Designation Professor

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

Email sonu.pareek@jecrcu.edu.in

Research Area: Synthesis and Biological Assay of Organophosphorus Compounds Water Quality Analysis and Bioremediation

Publication Research Publications: 10, Books Published: 05, Papers presented in Conferences: 30



Dr. Swapna Santra

Designation: Associate Professor

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

Email: swapna.santra@jecrcu.edu.in

Research Area Organic Synthesis

Publication: Journals Publication: 05



Dr. Nidhi Bansal

Designation: Assistant Professor-I

Qualification M.Sc., Ph.D

Email : nidhi.bansal@jecrcu.edu.in

Research Area: Inorganic Synthesis

Publication: Journal Publications- 08, Presentation in Conferences-09



Dr. Saurabh Dave

Designation: Assistant Professor-I

Qualification M.Sc., Ph. D

Email: saurabh.dave@jecrcu.edu.in

Research Area: Inorganic Synthesis

Publication Journal Publication: 17



Dr. Manmohan singh

Designation: Assistant Professor-I

Qualification: Ph.D., CSIR - JRF (NET), GATE, M.Sc.

Email manmohansingh.chauhan@jecrcu.edu.in

Research Area Asymmetric Catalysis, Asymmetric Total Synthesis of Bio-Molecules & Natural Products, Nanotechnology, Green Chemistry, Synthetic Organic Chemistry, Removal of Hazardous Elements.

Publication No. of Publications : 06, Conferences/ Workshop : 07 International and 08 National, Chapters/ Book : 06 Chapters have been written for the e-PG Pathshala Project by UGC under the NMEICT Mission of MHRD, Govt. of India.



Dr. Aruna Sharma

Designation: Assistant Professor-I

Qualification: Ph.D., CSIR-(NET), M.Sc.

Email aruna.sharma@jecrcu.edu.in

Research Area: Design, Synthesis and evaluation of biological activities of Triazolobenzodiazepines Based Five-, Six-, and Seven-Membered Heterocycles”

Publication: Conferences/ Workshop : International: 04 and National: 09, No. of Publications: 04



Ms. Monika Kumari

Designation Assistant Professor-II

Qualifications: CSIR-JRF(NET), GATE, M.Sc.

Email: monika.kumari@jecrcu.edu.in

Research Area: Prevention Chemistry, Synthetic Organic Chemistry, Green Chemistry, Removal of Hazardous Elements, Recycling of Waste Materials.



Achievements of Department

1) Prof.S.K Sharma

• **Ph. D. awarded : 02**

1. Ph.D. Thesis of **Suresh Mahiya** (*Regn. No.: 1203004016*), entitled- “REMOVAL OF ZINC (II), COPPER (II), NICKEL (II) AND LEAD (II) FROM AQUEOUS SOLUTIONS BY USING *Syzygium aromaticum* (CLOVES) AND *Carissa carandas*: BIOSORPTIVE, KINETIC AND ISOTHERM STUDIES”, JECRC University Jaipur
2. Ph.D. Thesis of **Komal Makhijani** (*Regn. No.: 1203004028*), entitled- “CONVERSION OF NON-BIODEGRADABLE PLASTICS TO BIODEGRADABLES USING PECTIN AND GUAR GUM AS GREEN ADDITIVES”, JECRC University Jaipur

• **PhD Thesis submitted: 01** (*Viva-Voce awaited*)

1. Phd Thesis of **Anjali Peter** (Reg. No. 1403004001); **Topic:** “USE OF AZARDIRACHTA INDICA AND GUAR GUM AS GREEN CORROSION INHIBITORS FOR ALUMINIUM, MILD STEEL AND TIN IN ACIDIC MEDIUM”

- **M.Tech. awarded : 01**

1. M.Tech. Thesis of **Mohit Ostwal** (Regn. No.: 1301022001), entitled- “Prediction of Mechanical and Thermal Properties of Epoxy /Carbon Nanotube Composites Using Molecular Dynamics Simulation Studies”, JECRC University Jaipur

- **Research Publications-12**

1. Physicochemical Characterization of Drinking Water of Jaipur City and its Defluoridation by Using Brick Powder (An Industrial Waste): A Green Approach; Naresh Kumar, Nidhi Bansal and **Sanjay K. Sharma**; *Journal of Chemical and Pharmaceutical Sciences*, **10(3)**, 1239-1243, 2017
2. Physicochemical Analysis of Ground Water of Difference Places in Jaipur City and its Defluoridation by Using Brick Powder: A Green Approach; Naresh Kumar, Nidhi Bansal and **Sanjay K. Sharma**; *Journal of Advanced Chemical Sciences*, **3(2)**, 475-477, 2017
3. Physicochemical Analysis of Ground Water of Difference Places in Jaipur City and its Defluoridation by Using Marble Slurry Powder; Naresh Kumar, Nidhi Bansal and **Sanjay K. Sharma**; *International Journal of ChemTech Research*, **10(5)**, 166-172, 2017
4. **Book Chapter:** Nano Based Photocatalytic Degradation of Pharmaceuticals; Giusy Lofrano, Giovanni Libralato, **Sanjay K. Sharma** and Maurizio Carotenuto, 2017, In: *Nanotechnologies for Environmental Remediation: Applications and Implications* (Eds. Giusy Lofrano, Jeanette Brown and Giovanni Libralato), Springer, UK, pp. 221-238

Dr. ManMohan Singh Chauhan

Publications:

Ashish Dixit, Geeta Devi Yadav, **ManMohan Singh Chauhan** and Surendra Singh, “Salts of 1-(Chloromethyl)-DABCO: A Highly Efficient Organocatalyst for the Alcoholysis of Epoxides.” *Current Catalysis*, **2016**, 5(3), 203-211.

e-Modules (MHRD, Govt. of India, Project) :

Six chapters (as Co-Author) including “**Novel Liquid Crystals, Dendrimers, Catenanes and Rotaxane, Tropones and Tropolones, Metallocenes, Adamantane**” have been contributed in the **e-PG Pathshala** Project by UGC under the **NMEICT mission of MHRD, Govt. of India**.

Conferences :

1. Attended a **INDO-CANADIAN Symposium** on “Materials, Energy & Environment” on December, 31st 2016, organized by Material Research Center, MNIT, Jaipur, India.
2. Attended an **International workshop** on “Surface Engineering” on December, 09-10th 2016, organized by Department of Metallurgical and Materials Engineering & Materials Research Center, MNIT, Jaipur, India.

Prof. Sapna Sharma

1. Papers Published in Last one Year-02

- a) Kinetic Modeling and Isotherm Studies on the Removal of Methyl Orange from Aqueous Solutions Using Guar gum Powder
- b) Study of Biosorbents for Removal of Dyes and Metals-A Review

2. Papers presented in Conferences in Last One year-01

Adsorption technique involved in removal of dyes from aqueous solutions using low cost biosorbents-a Review

National Conference on Applied Science and Humanities in Engineering, 9-10 Sep.2016,JECRC, Jaipur

3. Conferences Chaired /Organized-01(Chair person)

National Conference on Applied Science and Humanities in Engineering, 9-10 Sep.2016,JECRC, Jaipur

3. Awards Received any-Women achievement Award-MNC Accenture for Social initiatives of JECRC Foundation on 24th March 2017

Dr. Saurabh Dave

Publications:

Microbial ecology of hydrocarbon Degradation in soil: A review Research Journal of Environmental Toxicology

Conference Attended:

1) Aerobic Degradation of Petroleum Hydrocarbons in Soil by Microbial Consortium International Conference on Recent Trends in chemical sciences held on dated Jan.12-13, 2017 at Bikaner Engg. College.

2) Published paper on कीटनाशक और जल प्रदूषण 3rd National Hindi science confer 16-17 Dec 2016

Mathematics Department 2016-17

Course offered: Mathematics

Courses offered	Annual Intake	Number of Applications	Boys	Girls	Total
Ph.D	-	-	-	-	-
Masters in	-	-	-	-	-
Bachelors in	10	-	10	2	21

Faculty & Staff:

Positions	Sanctioned	Working	On Leave
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Teaching

Professors	02	02	-
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Associate Prof.	04	04	-
Assistant Prof.-I	07	07	-
Assistant Prof.-II	03	03	-

Ph.Ds Awarded/ On going

Scholar's Name	Topic	Supervisor	Status
Mr. Pradip Kumar Gaur	A Study of some mathematical models of free and forced convection flow problems	Dr. R. P. Sharma Dr A. K. Jha	Ongoing

Dr. Abhay Kumar Jha

Designation: Professor & HOD

Department: Mathematics and Statistics

Qualification: B.Sc.(Hons.), M.Sc., NET (JRF) & Ph.D. (UOR)

Email: abhay.jha@jecrcu.edu.in

Research Area: Fluid Dynamics, laminar flow, Porous medium, Newtonian and non-Newtonian fluid

Publication: Research papers published-27; Book: 01



Dr. Ram Prakash Sharma

Designation: Professor

Department: Mathematics and Statistics

Qualification: M.Sc., M.Phil. & Ph.D. (UOR)

Email: rp.sharma@jecrcu.edu.in

Research Area: Fluid Dynamics, Boundary layer flows, Newtonian and non-Newtonian fluids, heat and mass transfer in porous/ non-porous media, Nanofluids flow problems and History of Mathematics

Publication: Research papers published in Journals 39, Conference Proceedings 04, workshops/Conferences/Seminars Participation: 144, Invited talks/session the chair: 22, National & international membership: 17



Dr. Preeti Jain

Designation: Associate Prof.

Department: Mathematics and Statistics

Qualification: B.Sc., M.Sc. & Ph.D. (UOR)

Email: preeti.jain@jecrcu.edu.in

Research Area: Fluid Dynamics, Magneto-hydrodynamics, Radiation and Newtonian Heating, Exact and Analytical Methods, Newtonian and



Non-Newtonian fluids, Discrete Mathematics

Publication: Conference organized 01, National Conference attended 12, Inter-National Conference attended 03, workshop attended 02, Conference Paper Presentation: 1, Significant Publications: 2

Dr. Seema Tinker

Designation: Associate Professor

Department: Mathematics and Statistics

Qualification: B.Sc., M.Sc. & Ph.D. (UOR)

Email: seema.tinker@jecrcu.edu.in

Research Area: General Theory of Relativity, cosmological models using cosmological and gravitational constants, Bianchi Identities

Publication: Journals Publication: 08, National Conference attended 08, Inter-National Conference attended 04, workshop attended 03, Presentations in Conference: 12, Books: 02



Dr. Jagdev Singh

Designation: Associate Professor

Department: Mathematics and Statistics

Qualification: M.Sc., M. Phil. & Ph.D (UOR)

Email: jagdev.singh@jecrcu.edu.in

Research Area: Fractional Calculus, Mathematical Modelling, Mathematical Biology, Applied Functional Analysis, Nonlinear Dynamics, Special functions, Numerical and Analytical Methods.

Publication: Research Papers Published: 102, Conference Paper Presentation: 22, Books: 05, Member of editorial board of journals: 05, Reviewer in reputed International Journals: 30, Life member of professional bodied: 05, Books: 05



Dr. Devendra Kumar

Designation: Associate Professor

Department: Mathematics and Statistics

Qualification: M.Sc., M. Phil., NET & Ph.D (UOR)

Email: devendra.kumar@jecrcu.edu.in

Research Area: Fractional Calculus, Applied Functional Analysis, Mathematical Modelling, Nonlinear Dynamics, Special Functions, Geometric Function Theory, Numerical and Analytical Methods.



Publication: Research Papers Published: 105, Conference Paper Presentation: 22, Books: 02, Member of editorial board of journals: 05, Reviewer in reputed International Journals: 28, Life member of professional bodied: 05.

Dr. Deepa Mordia

Designation: Assistant Professor-I

Department: Mathematics and Statistics

Qualification: Ph.D. (UOR)

Email: deepa.mordia@jecrcu.edu.in

Research Area: field of Quantitative Techniques

Publication: Journals Publication: 07, Presentations in Conference: 10
National Workshops/ Conferences: 17



Dr. Monika Jain

Designation: Assistant Professor-I

Department: Mathematics and Statistics

Qualification: M.Sc., M.Phil.&Ph.D. (UOR)

Email: monika.jain@jecrcu.edu.in

Research Area: Field of Special Functions and Fractional Calculus

Publication:Journals Publication: 05, Presentations in Conference: 08
Workshops attended:02,Conferencesattended: 07



Dr. Arpita Jain

Designation:Assistant Professor-I

Department: Mathematics and Statistics

Qualification: M.Sc., M. Phil., Ph.D. (UOR)

Email: arpita.jain@jecrcu.edu.in

Research Area: Fluid Dynamics

Publication-17



Dr. Beena Bundela

Designation: Assistant Professor-I

Department: Mathematics and Statistics

Qualification: B.Sc., M.Sc., Ph.D. (MNIT, Jaipur)

Email: beena.bundela@jecrcu.edu.in

Research Area: Special function & Fractional Calculus

Publication: Publication in National Journals: 08, International Journal: 01,
Paper Presentation in International Conferences: 03, Paper Presentation in
National Conferences: 03, Workshop Attended: 02



Dr. Vishwas Deep Joshi

Designation: Assistant Professor-I

Department: Mathematics and Statistics

Qualification: M.Sc. Ph. D. (MNIT, Jaipur)

Email: vishwas.joshi@jecrcu.edu.in

Research Area: Fractional Transportation Problem, Network Optimization, Two Dimensional Irregular Shapes Cutting Optimization and Engineering Optimization, Multilevel Programming Problem

Publication: Papers Presented in Conferences: 07, Conference attended: 03, Reviewer in reputed International Journals: 04, Publications in Journals: 08



Dr. Bhavtosh Awasthi

Designation: Assistant Professor-I

Department: Mathematics and Statistics

Qualification: M.Sc., M.Phil. & Ph.D. (Dr. B. R. A. U., Agra)

Email: bhavtosh.awasthi@jecrcu.edu.in

Research Area: Operations Research, Numerical Analysis

Publication: Published Journals: 02, Papers Presented in Conference: 02



Dr. Priya Gupta

Designation: Assistant Professor-I

Department: Mathematics and Statistics

Qualification: M.Sc. Ph.D. (NIT, Allahabad)

Email: priya.gupta@jecrcu.edu.in

Research Area: Hypergeometric Functions, Mock Theta Functions

Publication: National Conference attended 01, Inter-National Conference Attended: 01, workshop attended 10, Significant Publications: 04



Mr. Pradip Kumar Gaur

Designation: Assistant Professor-II

Department: Mathematics and Statistics

Qualification: M.Sc. & Ph. D. (Submitted)

Email: pradeep.gaur@jecrcu.edu.in

Research Area: Fluid Dynamics

Publication: Journals Publication: 03, Presentations in Conference: 03



Mr. Gauri Shankar Paliwal**Designation:** Assistant Professor-II**Department:** Mathematics and Statistics**Qualification:** M.Sc., M.B.A, Ph.D. (pursuing)**Email:** gaurishankar.paliwal@jecrcu.edu.in**Research Area:** Geometric Function Theory, Fractional Calculus.**Publication:** Significant Publications: 05, National Workshops:03, Presentations in Conference: 06**Mr. Om Prakash****Designation:** Assistant Professor-II**Department:** Mathematics and Statistics**Qualification:** M.Sc. and M.Phil.**Email:** om.prakash1@jecrcu.edu.in**Research Area:** Fluid Dynamics and Fuzzy Mathematics**Microbiology Department 2016-17****Course offered: Microbiology**

Courses offered	Annual Intake	Number of Applications	Boys	Girls	Total
Ph.D	01		-	01	01
Masters in	--	-	-	-	--
Bachelors in	21		10	11	21

Faculty & Staff:

Positions	Sanctioned	Working	On Leave
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Teaching

Professors	--	--	--
Associate Prof.	02	02	
Assistant Prof.-I	--	--	--
Assistant Prof.-II	--	--	--

Non-teaching

Lab Assistant	01	01	--
Lab Bearer	01	01	--

Ph.Ds Awarded/ On going

Scholar's Name	Topic	Supervisor	Status
Mr. Sachin Kumar	Clinico-Microbial	Dr. Seema	AWARDED

	Identification and Molecular Characterization of Dermatophytes and MRSA	Bhadauria	
Ms. Reshmi	Determination of Prevalent Genotypes of Hepatitis B Virus And Their Corresponding Resistance Pattern In Jaipur Region.	Dr. Seema Bhadauria	Ongoing
Ar. Aziz Mohd. Khan	Isolation, Identification and Control of Nature's Keratin Degrading Organisms from Various Habitats of Rajasthan.	Dr. Seema Bhadauria	Ongoing
Ms. Khushbu	Detection of Oseltamivir Drug Resistance in Seasonal and Pandemic Influenza A 2009 H1N1 Virus From Patients at Jaipur.	Dr. Seema Bhadauria	Ongoing
Mr. Rakesh Kr.	Production of Biosurfactant From Bacillus subtilis and It's Role In Bioremediation of Hydrocarbons.	Dr. Seema Bhadauria	Ongoing
Ms Shreya Khandelwal	Comparative Evaluation of New Genotype Assays With Biochemical And Molecular Methods For Identification Of Mycobacterial Species.	Prof.(Dr.) Widhi Dubey CO-Guide: Dr. Bharti Melhotra	On going
Vijay Choudhary	Study of biodiversity in a sacred grove-nai-ka-nath	Dr. Varsha Gupta	Ongoing
Mali Ram Sharma	Morphological and chromosomal studies on	Dr. Varsha Gupta	Ongoing

	combined toxicity of estradiol and fluoride in chironomus species		
Ravi Kant Rahi	Study of microbial potential in degradation of textile effluents from sanganer town of jaipur district.	Prof. R.N. Prasad (Supervisor) Dr. Varsha Gupta (Co-supervisor)	Ongoing
Ms. Beena Yadav	Study of microbial diversity and bio-deterioration of cultural heritage of Jaipur	Dr. Varsha Gupta	Ongoing

Collaborative Research Projects by Faculty/Centre/Deptt.

Topic	Investigator/ Co-Investigator	Grant Allocated	Sponsor	Date of commencement	Duration	Status
<i>In vitro</i> standardization of dermatophytes and keratinophilic fungi by compounds of plant origin.	Investigator	23,60,000/-	Central DST, Govt.of India, New Delhi	1/4/2013	3 Years	Ongoing

PUBLICATIONS: PAPERS AND BOOKS 2016-2017

Dr. Seema Bhadauria

- 1) Sachin Kumar and Seema Bhadauria Clinico-Mycological Profiles of Dermatophytosis in Jaipur, India , African Journal of Microbiology Research, (2016)
- 2) Sachin Kumar and Seema Bhadauria , Increasing trend of methicillin resistant Staphylococcus aureus in Jaipur, Rajasthan, India African Journal of Microbiology Research, ISSN: 1996- 0808, vol. 10(34), pp1417-1421,14 September 2016.

- 3) Tarun Kumar, Anima Sharma and Seema Bhadauria *A study on the prevalence of keratinophilic fungal flora of semi-arid region of Rajasthan, India*. African Journal of Microbiology Research, ISSN: 1996- 0808, 2016.
- 4) Tarun Kumar, Anima Sharma and Seema Bhadauria *Production of keratinous waste degrading enzyme by Arthroderma multifidum from poultry farm soil in Jaipur, Rajasthan*. African Journal of Biotechnology, ISSN 1684 – 5315, 2016.
- 5) Tarun Kumar, Anima Sharma and Seema Bhadauria *Biodegradation of Keratinous Waste Substrates by Arthroderma multifidum* Asian Journal of Applied Sciences, ISSN: 1996-3343, DOI: 10.3923/ajaps.2016.
- 6) Sachin Kumar and Seema Bhadauria *Effect of Various Culture Media on Mycelium Growth and Sporulation of Dermatophytes Isolated from the Patients of Sms Hospital, Jaipur, Rajasthan*, International Journal of Pharma and Bio Sciences, ISSN: 0975-6299
- 7) Ritu Singh Rajput, Sonali Pandey and Seema Bhadauria “Correlation of Biodiversity of Algal Genera with special reference to the Waste Water Effluents from Industries” American Journal of Engineering and Applied Sciences UGC SL NO :1640 , 2016
- 8) Tarun Kumar, Anima Sharma and Seema Bhadauria *Influence of liquid culture media, temperature and hydrogen ion concentration on the growth of mycelium and sporulation of Arthroderma multifidum*, Int. J Pharm.Sci. Rev. Res., 41(2) Nov-Dec 2016 Article no 28 pp 136-141, ISSN: 0976-044X
- 9) Tarun Kumar, Anima Sharma and Seema Bhadauria “Effect of culture media and Environmental conditions on mycelium growth and sporulation of Chrysosporium Queenslandicum” Int J of Chem Tech Res ISSN: 0974-4290
- 10) Tarun Kumar, Anima Sharma and Seema Bhadauria “Chrysosporium queenslandicum: a potent keratinophilic fungus for keratinous waste degradation”, Int. J of Recycling of Organic Waste in Agriculture, DOI 10.1007/s40093-017-0162-x (2017), ISSN: 2195-3228 Springer
- 11) Ritu Singh Rajput, Sonali Pandey and Seema Bhadauria “Algae as a bio-indicator for the assessment of heavy metal contamination of Dravyavati River, Jaipur” American Journal of Engineering and Applied Sciences DOI : 10.3844/ajeassp 2017

Papers presented in Conferences, Seminars, Workshops, Symposia

1.	Antibacterial activity of different extracts of <i>Cymbopogon martini</i>	global opportunities and challenges , 18- 19 January, 2016,	SGG Govt. College, Banswara,	National
2.	Bioremediation of heavy metals through algae	Biodiversity, Conservation and Eco-Tourism	Maharana Pratap Govt. Post graduate college, Chittorgarh 2016	National
3.	Detection of Oceltimeir drug resistance in	VET- MEDICO CME on Influenza Preparedness &	Amity University Rajasthan,	National

	Pandemic Influenza A 2009 HN Virus from patients at Jaipur	Control 6-7 April 2017		
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Dr. Varsha Gupta

Papers presented in Conferences, Seminars, Workshops, Symposia

S.No.	Title of the paper presented	Title of Conference/ Seminar	Organised by	Whether international/ national/ state/ regional/ college or university level
1	Biodiversity of ants and its relationship to environmental changes: a review (ASHE_CH-52)	<i>National Conference on Applied Science and Humanities in Engineering, ASHE-2016, 9th to 10th September, 2016</i>	Jaipur Engineering College and Research Centre, Jaipur	National Conference
2.	Do bhartiya masalo ke assav ka paratijavik adhayan aivam sambhavit paratijavik rasayan ki sarachna ka kamputerikrit sarachna gyan	<i>Third National Hindi Science Conference</i>	Vigyan Bharti, Rajasthan	National

Dr. Seema Bhadauria

Designation

Associate Professor & HOD

Department

Microbiology

Qualification

M.Sc, Ph.D

Research Area

:“Dermatophytes”, ‘Keratinophilic fungi’ and ‘Bioactive compounds isolated from medicinal plants. In vitro screening of various bioactive compounds isolated from medicinal plants for their antidermatophytic



activity

Publication

Journals 14 , Books 10, Presentations in Conferences 03

Dr. Varsha Gupta

Designation

Assistant Professor-I

Department

Microbiology

Qualification

M.Sc.(Zoology), M.Sc.(Science of Living Yoga Meditation), SLET, Ph.D.
(Life Science)

Research Area

Environment Technology, Wildlife Technique-Identification of Animals

Publication

Journal Publications:-13, Workshops:-07, Paper Presentation in
Conferences:-19



PHYSICS Department 2016-17

Course offered: Physics

Courses offered	Annual Intake	Number of Applications	Boys	Girls	Total
Ph.D	-	-	-	-	-
Masters in	05	-	04	01	05
Bachelors in	34	-	27	07	34

Faculty & Staff:

Positions	Sanctioned	Working	On Leave
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Teaching

Professors	04	04	--
Associate Prof.	01	01	--

Faculty Profile:			
Assistant Prof.-I	03	03	--
Assistant Prof.-II	02	02	--

Non-teaching

Lab Assistant	02	02	--
Lab Bearer	--	--	--

Achievements of Faculty from July 2016-30th June 2017

1. Mr. Abhishek Sharma (Assistant Professor, Dept of Physics) Awarded Doctoral Degree (Ph.D.) on 22 Feb. 2017 from Malaviya National Institute of Technology (MNIT), Jaipur
2. Under the supervision of Prof. (Dr.) Manisha Gupta one of the research scholar Mr. Arun Kumar (Department of Electronics and Communication) has been awarded Ph. D. Degree on 10th Sept 2016.
3. Prof. Alok Pandya and Dr. Chandan Joshi Organized a International meeting ASI2017 in Jaipur.

Reference <http://astron-soc.in/asi2017/index.php/local-organizing-committee>

4. Dr. Pranav Saxena authored following Books entitled
1“**Nuclear Physics, Atomic and Molecular Spectroscopy**”for M.Sc. (Physics) **ISBN: 978-81-8496-598-8**; Vardhman Mahaveer Open University, Kota (2016);
Chapters Contributed-
i. *Electron Spin & Vector Atom Model*

- ii. *LS and jj Couplings*
2. Book entitled “**Plasma Physics and Lasers**” for M.Sc. (Physics) ISBN: 978-81-8496-599-5; Vardhman Mahaveer Open University, Kota (2016);
Chapters Contributed-
 - i. *Plasma*
 - ii. *Applications of Plasma*
3. Book entitled “**Applied Electronics**” for M.Sc. (Physics) ISBN: 978-81-8496-596-4; Vardhman Mahaveer Open University, Kota (2016);
Chapters Contributed-
 4. *Arithmetic Logic Units* Book entitled “**Physics Lab-II**” for M.Sc. (Physics) ISBN: 978-81-8496-600-8; Vardhman Mahaveer Open University, Kota (2016);
Chapters Contributed-
 - i. *To Study (a) Wein Bridge Oscillator, (b) Phase Shift Oscillator*

Aalok's Research Publications (2016-17)

1. L. Bharti, C. Quintero Noda, C. Joshi, S. Rakesh and **A. Pandya**
Fine structures at pore boundary (2016) 462 (1), L93-L97.
Monthly Notices of *Royal Astronomical Society Letters (Oxford University)*
(UGC List S.No. 31663) <https://doi.org/10.1093/mnrasl/slw130>
Scopus Indexed Impact Factor: 2.6 API Score: 12
2. **Aalok Pandya**
Computational investigation of electrostatic interactions
Physics Essays (September, 2017) (UGC List S.No. 30831)
Scopus Indexed, SCI Indexed Journal Impact Factor: .6 API Score: 30
3. **Aalok Pandya**, Tej Bahadur and Sandip Bhattacharya
Sun-Dial for Time-Keeping in Jaisalmer, **52** (2) (2017) 137-146
Indian Journal of History of Science
<http://insa.nic.in/UI/Journalarticle.aspx?jid=Mw==&&VID=MzMw&&IsNm=SXNzdWUgMg=>
=
(UGC List S.No. 20790)
Peer Reviewed Impact Factor: 0.0 API Score: 17.5

Invited Talks/Lectures (2016-2017)

1. **Rashtriya Hindi Vigyan Sammelan- 2016** (16-17 December, 2016)
Sponsored By: Vigyan Bharati; and University of Rajasthan, Jaipur
Held at: University of Rajasthan, Jaipur
Title: *Atit Main Kaal Gananaa: Bharatiya Sandarbh*

Presentation in Conferences (2016-2017)
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1. International Conference on Recent Trends in Mathematics and Their Applications-2016
Held at: University of Rajasthan
10-12 July, 2016.
Title: CP(N) to CP (Infinity): Cohomology and Symmetries of Background Independent Quantum Mechanics
2. Paper Accepted and Invited to present in- **“OSA (Optical Society of America) Imaging and Applied Optics Congress (26-29 June, 2017)”** held at San Francisco, USA.
Sanctioned Travel Grant by DST to attend this Conference.
-However, I could not go as I did not get the VISA Appointment for this.

LIST OF PUBLICATIONS (Dr. Manisha Gupta)

S. No.	Title of Paper	Name of Journal where published	ISSN/ ISBN No.	Volume & Issue	Year	Pages
1.	Wheel shaped modified fractal antenna realization for wireless communications	AEU International Journal of Electronics and Communication, Elsevier (Indexed by SCI, SCI-E, Scopus) (Netherlands)	ISSN: 1434-8411	79	2017	257-266
2.	Planar array of right angled isosceles triangular microstrip antenna using Koch and meander lines for internet of things	Turkish Journal Of Electrical Engineering & Computer Sciences (Indexed by SCI-E, Scopus, Thomson Reuters, Web of Science) (Turkey)	E-ISSN: 1303-6203 ISSN: 1300-0632	25	2017	2308-2321
3.	Koch boundary on the square patch microstrip antenna for ultra wide band applications	Alexandria Engineering Journal, Elsevier, (Published by Elsevier Netherland) Indexed by Scopus)	ISSN: 1110--18	In Press	2017	
4.	Sierpinski fractal antenna for internet of things applications	Materials Today Proceedings, (Published by Elsevier Netherland) Indexed by Scopus)	ISSN: 2214-7853	In Press	2016	
5.	A new printed fractal right angled isosceles triangular monopole	Egyptian Informatics Journal, (Published by Elsevier Netherland,	ISSN: 1110-8665	18(1)	2017	39-43

	antenna for ultra-wideband applications	Indexed by Scopus)				
6.	Sierpinski array with Swastik electromagnetic bandgap for Ku-Band applications	Indian Journal of Science and Technology (India) (Indexed by Scopus, Web of Science, Thomson Reuters)	ISSN : 0974-6846	9(32)	2016	1-7
7.	Analysis of Right angled Isosceles triangular Microstrip Patch Antenna (RITMA) for UWB Applications	IEICE Communication Express (Comex) (Published by IEICE Japan)	ISSN 2187-0136	5(1)	2016	13-18
8.	Design of 4:8 MIMO OFDM with MSE Equalizer for Different Modulation Techniques	Wireless Personal Communication, Springer	ISSN Print: 0929-6212 ISSN Online: 1572-834X	95(4)	2017	4535-4560
9.	A review on activities of fifth generation mobile communication	Alexandria Engineering Journal, Elsevier, (Published by Elsevier Netherland) Indexed by Scopus)	ISSN: 1110—18	In Press	2017	
10.	Reduction of PAPR by using clipping and filtering for different modulation schemes	American Journal of Applied Sciences	ISSN Print: 1546-9239 ISSN Online: 1554-3641	13(2)	2016	131-134

Guest Lectures on (6th February, 2017)

Dr. Kanak Saha Talks about “Galaxies in the Universe” in JECRC University

Dr. Kanak Saha Inter University for Astronomy and Astrophysics (IUCAA), Pune, delivered an exciting talk on the ‘Galaxies in the Universe’.

Dr. Saha discussed the dynamics of galaxies in great details. Our Earth is part of the solar system and our solar system is situated in a galaxy called- ‘Milky Way’. *Akashganga* or Milky Way which is our own galaxy consists 10,00,00,00,00,000 stars.

Galaxies are found in general spiral, elliptical and irregular structure too. Two spiral galaxies collide with each other and it results into an elliptical one. These kinds of ideas are verified on computer simulations. Many a astrophysicists are studying these aspects of galactic dynamics in India too. Most of these scientist and their groups are working in **Tata Institute of Fundamental Research (TIFR), Indian Institutes of Science (IISc), Indian Institutes of Astrophysics (IIA) at Bangluru and Inter University for Astronomy and Astrophysics (IUCAA), Pune**

From galactic dynamics to galaxy formation, all ideas are now simulated on computer. These computer simulations are scientifically reliable.

Dr. G. C. Devangan Talks about ‘Exploring Universe Using X-Rays’ in JECRC University (7th February, 2017)

Dr. G. C. Devangan from **Inter University for Astronomy and Astrophysics (IUCAA), Pune**, delivered an exciting talk on the explorations of mysteries of the Universe and their explorations using X-Ray Astronomy this afternoon in JECRC University. Today he delivered a lecture on the topic- ‘**Exploring Universe Using X-Rays**’.

Dr. Devangan also described various X-Ray emitting sources in the deep Universe. X-Ray emitting sources are Binary stars, Neutron stars, Black Holes and ordinary stars.

Dr. Devangan elaborately explained that Universe could be explored using X-Ray Astronomical techniques and most X-Ray observatories are situated in space only. He talked about various X-Ray observatories set up by National Aeronautics and Space Administration (NASA), European Space Agency (ESA) and the Indian plan to set up X-Ray detectors in the space.

Replying to various queries Dr. Devangan clarified that Black-Holes have been experimentally detected in various attempts. The invisible binary partner in the Signus X-1 system is a prominent Black-Hole.

This was the first in the series of three lectures to be delivered on various aspects of Astronomy, Astrophysics and Cosmology in JECRC University this week.



Innovator, Technopreneur Srinivas Chamarthi Enthralls JU Students

Innovator, entrepreneur, motivational speaker, adventurist and philanthropist Srinivas Chamarthi delivered a lecture in JECRC University yesterday. Mr. Srinivas is Hyderabad based successful innovator, entrepreneur and philanthropist. Mr. Srinivas has 65 innovations to his credit. He spends forty percent of his income on *Corporate Social Responsibility* (CSR) activities.

Srinivas talked to JECRC University students and discussed with them on contemporary engineering problems. He also discussed the need for- “Integrated Engineering for Product Development”. He works in Hyderabad but moves around the whole country motivating youngsters.

Sriniwas is an avid biker too. He has travelled 7.5 Lakh kilometers across the length and breadth of the country on bike. He has delivered 1600 lectures in various educational institutions in India.

Wherever he goes he spreads the message of innovation and integrated indigenous technology. He also emphasized the need and importance of “Make in India” drive. Presently, he was on his way to Himalayan state- “Uttarakhand”. He would spread the message of innovation and entrepreneurship all through his journey.



Zoology Department 2016-17

Course offered: Minor Zoology

Courses offered	Annual Intake	Number of Applications	Boys	Girls	Total
Ph.D	-	-	-	-	-
Masters in	-	-	-	-	-
Bachelors in	03	-	03	-	03

Faculty & Staff:

Positions	Sanctioned	Working	On Leave
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Teaching

Professors	-	-	-
Associate Prof.	-	-	--
Assistant Prof.-I	02	Working	-
Assistant Prof.-II	-	-	-

Ph.Ds Awarded/ On going

Scholar's Name	Topic	Supervisor	Status
1. Ashish Kr. Jain (ongoing)	Isolation, identification and antibiotic sensitivity pattern of pathogenic enterobacteria from table egg -date of registration	1. Dr. (Mrs.) Rajesh Yadav	Pre-Thesis Synopsis submitted

PUBLICATIONS: PAPERS AND BOOKS 2016-2017**Dr. Rajesh Yadav**

1. Ashish Kr Jain & Rajesh Yadav: Study of antibiotic resistance in bacteria isolated from table egg. International Journal of Pharma and Bio Sciences, Vol.8(1): (B) 668-674,2017
2. Ashish Kr Jain & Rajesh Yadav (2016): Identification and characterization of pathogenic Enterobacterial isolates responsible for egg contamination. International Journal of Poultry Science, Vol.15(6):245-253,2016

Presentations in Conferences, Seminars, Workshops, Symposia**Dr. Rajesh Yadav**

1. National Symposium on Global Environmental Challenges: Present Scenario, Dept. Of Botany, University of Rajasthan, Jaipur 25,Jan-2017
2. Seminar on "Biodiversity, Bioprospecting and Environmental Awareness", Kanoria PG Mahila Mahavidyalaya, Jaipur (22nd, Dec. 2016)
3. Tiritiya Rashtriya Hindi Vigyan Sammelan, Jaipur Rajasthan in association with CCT (University of Rajasthan) and DST, Rajasthan (16-17, Dec. 2016)

Dr Mona Arora

1. Tiritiya Rashtriya Hindi Vigyan Sammelan, Jaipur Rajasthan in association with CCT(University of Rajasthan) and DST, Rajasthan (16-17,Dec. 2016)

Faculty Profile:**Dr. (Mrs) Rajesh Yadav****Designation:** Assistant Professor-I & HOD**Department:** Zoology**Qualification:** Ph.D, M.Sc.**Email:** rajesh.yadav@jecrcu.edu.in**Research Area:** Reproductive physiology and toxicology**Publication:** Journals 13, Books 06, Presentations in Conferences 19

Dr. Mona Arora

Designation: Assistant Professor-I

Department: Department of Zoology

Qualification: PhD, M.Sc. Zoology

Email: mona.arora@jecrcu.edu.in

Research Area: Toxicology

Publication: Journals: 03, Books: 06, Presentations in Conference: 02



Guest lecture Organized at the Department

On 24th March, 2017, a guest lecture was delivered by Dr. Rajesh Choudhary, Assistant Director (Serology & DNA Fingerprinting), Forensic Science Laboratory, Jaipur (Rajasthan) on “DNA Fingerprinting” in Zoology Department, School of Sciences, JECRC University, for the students (B.Sc. and M.Sc.) of Life Sciences. In his lecture he discussed how DNA Fingerprinting is helpful now-a-days in solving various complicated cases of crime, murder & paternity disputes etc. How forensic science provides scientific support and services to the investigation of crime and the future prospects in forensic science was also discussed by the speaker with the students. The lecture was appreciated and enlightened the knowledge of the students in the field of forensic science and specially DNA Fingerprinting technique.





Activities for School of Sciences (Session: 2016-17)

1. Guest Lectures Organized at SOS :

On dated 7/09/2016, Guest Lectures by Eminent Scientist in the Seminar Hall of Engineering Block was organised for the students of B.Sc Major, Minor Chemistry, Biotech and Microbiology and M.Sc Chemistry.

Presentations on the following topics by the eminent scientists were delivered:

- Dr. Ahmed Abdel-Magid- Lab Safety, 30 years of Process R&D experience at Wyeth, Johnson & Johnson, and Therachem. Developed commercial process for several drugs including Effexor, Tramadol, Surfaxin, and Peramivir



- Dr. Zamboni- Development of Singulair
Since 2008, his company, Zamboni Chem solutions, started an active collaboration with Therachem Research Medilab on several projects including synthesis of a 12 kg batch

of intermediate for Debio Pharma. Presently, the two companies are working on several joint projects. Their collaboration resulted in the preparation of over 600 analogues for a project with Amgen.



- Dr. Pooran Chand- Peramivir from Idea to Drug, Discovered & developed Peramivir, a potent neuraminidase inhibitor that was approved for the treatment of influenza in Japan and is marketed in the USA as RAPIVAB®.
- A Guest Lecture entitled "Research for our Country's Independence in Biomedical Instrumentation and Medicinal Materials" by Eminent Scientist Prof Samir Kumar Pal, Dept of chemical, biological & macromolecular sciences, S N Bose National Center for Basic Sciences, Salt Lake City, Kolkata on 22nd Nov 2016 at 9.30 A.M in the Seminar Hall, Engineering Block was organised. He told about the scientific research activities for the self-reliance in the healthcare technology development from the corner of instrumentation and nanomaterials (nanomedicines).



- Dr. Baiju Mathur, Assistant Director, Forensic science Laboratory, Rajasthan visited JECRC University and motivated students (B.Sc. and M.Sc.) about Science frontiers and its role in forensic science on 19 th November, 2016. He also delivered an expert lecture

on Forensic sciences and the working of State Forensic Science Laboratory, Rajasthan which provide scientific support and services to the investigation of crime. He enlightens the scope in various fields of Physics, Cyber Forensics, Ballistics, Biology, Serology, DNA, Chemistry, Narcotics, Arson & Explosive, Documents, Toxicology. He also guided students the training facilities in this broad field.



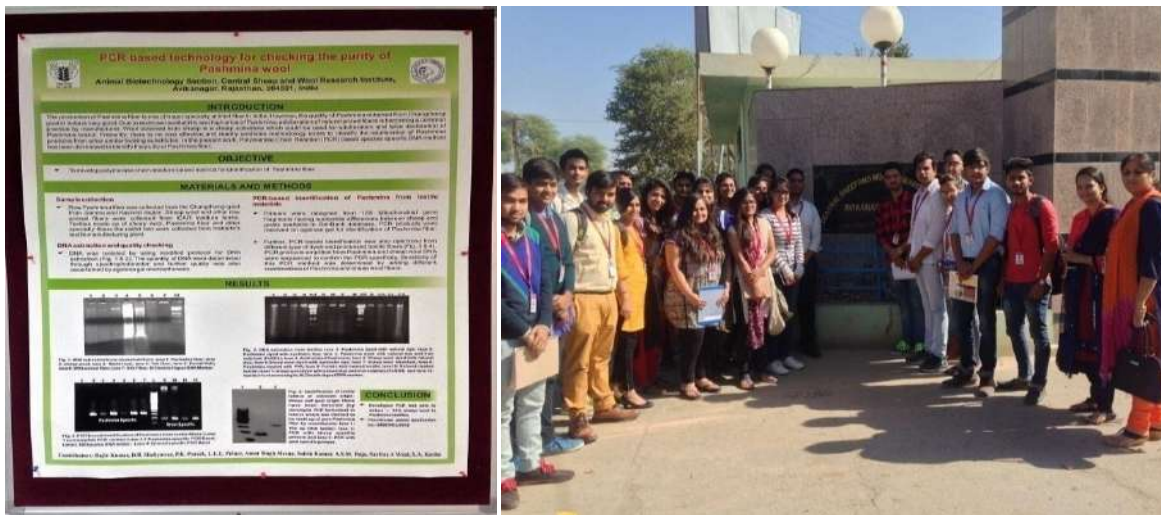
2. 19-21 March,2016: Women Scientist A (Life Science) Subject Expert Committee Meeting



3. Industrial Visit/ Tour :

An Industrial Visit at Central Sheep and Wool Research Institute, Avikanagar, (CSWRI) wasorganised on dated 28 November 2016, Monday. Total 60 students visited the campus along with 3 Faculty members.

Central Sheep and Wool Research Institute (CSWRI) is a premier institution under Indian Council of Agricultural Research (ICAR), New Delhi, authorized to conduct basic and applied research on sheep and rabbit production, health, utilization, training and transfer of technologies to the beneficiaries.



4. A promotional event for Science:

A promotional event regarding the Vigyan Bharti Conference was organized on 29th Nov 2016 in the Dean's board room, engineering block. Prof Ashwini Kumar, Dr Meghendra Sharma, Prof Sudhakar Mishra, Dr Shailesh Jain and Dr Amit Kotia were present. Dr Meghendra Sharma-Project Officer DST and Organising Secretary of the conference gave a brief description about the different topics to be discussed during the conference. He also discussed the importance of Hindi language and how hindi is used to know our historical culture and helped us to feel proud on our ancient culture. How language plays an important role in the progress of Science and Technology? This conference is a little step in this direction. The speakers also motivated the students and faculty to participate in the conference. The conference is being organized at Center for Converging Technology, University of Rajasthan, Jaipur on 16-17 December 2016.

5. Participation in Science Exhibition

Science and Engineering Students of JECRC University participated in the conference by displaying various working models in Exhibition of Working models of Science and Technology held during the conference in which the students of 14 different Institutions participated. **The models of JU were very much appreciated by the visitors specially Remote Control Robot, Go-Kart and Line Follower.**

6. Weekly Activities Planner for new Students (Session 2016-17)

Date	Activity	Description of activity
20 th July 2016	Who am I	Interactions among students from different cultural backgrounds
27 th July 2016	Lean walk	Trust building among students
3 rd Aug 2016	Zip-Zap-Zop/Jump-in Jump-out	Concentration and Coordination among team
10 th Aug 2016	Extempore	Expression of thoughts
17 th Aug 2016	Memory Test	Potential to remember
24 th Aug 2016	Space Counting	Improvement of Coordination
31 st Aug 2016	Lecture on Personality Development	Psychological health (e.g. social development, self esteem, etc.)
7 th Sept 2016	Lecture room activities- Mirror word, Run to board	Skills development
14 th Sept 2016	Script the visual clip	Positive attitudes towards the content
21 st Sept 2016	Meet Yourself	Analysis of personality
28th Sept. 2016	Visit to Therachem Research Pvt. Ltd. / Jantar-Mantar	Ownership of knowledge and skills

For the overall grooming of new students small groups were prepared and following activities were performed to enhance the quality of education:

First activity was “**Who am I**” Interactions among students from different cultural backgrounds were organized by the School of Sciences on 20th July 2016.

Students of B.Sc. Science stream of JECRC University visualized **documentary on “Earth and its origin”** on 26th July 2016. Students were fascinated by documentary shown to them on “The story of Earth”. It indeed enthralled everyone, to know the unknown essentials and life of earth and also to acquaint with the harms which we do.

It's just the start on of their new life and so we don't wish to burden them all together. Henceforth with this motto the School of Sciences organized "**Lean walk**" trust building among students in the central lawn on 27th July for B.Sc. 1st semester students.

Quiz was organised on eve of HINDI DIWAS -14th Sep 2016

"Art is the language of heart and colours are its music" Encouraging the same spirit and talent Student Activity Committee, JECRC University organised a face painting event " AAKRITI" an art to express....

World is moving rapidly with science and technology and performing cutting edge research and development. We are in the era of Globalization and our focus must be channelized right now. Thus, on 17th August 2016, one motivational lecture of Late A. P. J. Abdul Kalam was held in seminar hall.

All work and No play, makes College life Boring " so there was a new interesting activity organised by the School of Sciences on 3rd of August, 2016 in the name of "**Zip-Zap-Zop**" and "**Jump-in Jump out**" for B.Sc 1st semester students. Hope they had fun and we promise to keep bringing a smile on their lips.

The way to express and enhance, communication skills and personality, makes and extempore. JECRC University organized an **extempore on 10th August, 2016** for the students of School of Sciences. A better way to interact and a platform to share the views of new buds of JU.





7. SCHOOL OF SCIENCE CLUB: "Terra is the Latin name for Mother Earth."

Terra is a group of pioneer JECRCians who are dedicated to conserve mother earth. It is joining hands to thank our nature. Our motive here is to conserve the beauty and purity of nature by small innovative steps and to generate awareness among individual and mass, how they can contribute towards nature to make it a place worth to live in. — to make it a place worth to live in.



8. VISIT TO AMER FORT:

The School of Sciences organized a visit for students to Amer Fort, JalMahal and Smriti van on 30th July 2016. Firstly student reached Amer fort. It is most beautiful fort and the pride of Jaipur. **Amer fort** is also spelled, known and pronounced as Amber Fort. Fort was built by 'Raja Shri Maan Singh Ji Saheb' (Maan Singh I) (December 21, 1550 – July 6, 1614) in 16th century. It is located in Amer, 11 k.m from Jaipur.. The group was very impressed to see fort's marvelous decoration and were influenced by both, the Hindu and Muslim manner of ornamentation. They were simply astonished by intricate carving on the walls and ceilings. Students were amazed to see Diwaan-e-Aam, Diwaan-e-Khaas and Sheesh Mahal the mirror palace





9. Rally at BMCHRC on 18th Feb 2017

A grand event of "Cancer Vijay Divas" was organized by Bhagwan Mahaveer Cancer Hospital and Research Centre, JLN Marg, Jaipur on the 18th February, 2017, and a rally was also held for an honour to the cancer winning patients. Students of Microbiology and Biotechnology Department along two faculty members (Dr Rajesh Yadav & Mr Om Prakash) represented JECRC University and participated in the rally. In the rally the flag was hosted by Rajkumari Diya Kumari ji, member of Rajasthan legislative assembly. After the rally, a visit to the pathology lab at BMCHRC was also planned for the students. The students visited different units like haematology, immunology, biochemistry, Microbiology etc in pathology lab of BMCHRC.





10. **Organ Donation and Transplantation- A boon or Bane???**

A debate competition was organized by TERRA CLUB on 27th February 2017, on the topic 'Organ Donation and Transplantation- A boon or Bane???' under the guidance of UGC.

The debate enlightened audience with many astonishing facts and figures in favor and against the motion.

The winners for the debate are:-

Winner- Rohan (B.Tech- 1st year)

1st Runner Up: - Aswathy Pillai D (B.Sc. Major Chemistry-2nd year)

2nd Runner up:-Priyanka Lamba (B.Sc. Microbiology- 1st year)



11. On 28th Feb 2017 National Science Day on the theme "Science and Technology for Specially-abled Persons" was celebrated. JECRC University dedicated this day to the especially abled persons of "Aanadi Lal poddar mook Badhir School". On this Day Shri S.S. Bissa (CEO, Jaipur Foot) explained that how Jaipur foot is providing life to especially abled persons.



SCHOOL OF DESIGN

Course offered:

Courses offered	Annual Intake	Number of Applications	Boys	Girls	Total
B.sc. Interior Design	30	22	08	10	18
B.Sc. Graphic Design	30	12	03	02	05
B.Sc. Jewellery Design	30	14	03	02	05

Faculty & Staff:

Positions	Sanctioned	Working	On Leave
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Teaching

Professors	---	---	---
Associate Prof.	---	---	---
Assistant Prof.-I	---	---	---
Assistant Prof.-II	01	01	---

Non-teaching

Lab Assistant	01	01	---
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Ms. SHIVANI KAUSHIK

Designation : Assistant Professor-II / HOD

Qualification : Advance Diploma in Jewellery Design, M.A. English Literature, B.Ed. in Education. 17 years of teaching experience and serve as a Board of Study Member and Examiner for Jewellery Design in various other colleges.

Email: shivani.kaushik@jecrcu.edu.in

Area of Specialisation: Jewellery Design.



Activities in 2016-17

1. **Industrial visit** – Hastkala, Furniture factory, Bagru, Jaipur, Atish Market, Jaipur.
2. **Different exhibitions** - Decore India, Amrudoka bagh, Jaipur, JAS-2016, JECC sitapura, Jaipur.
Art Summit, Ravindra Manch, Jaipur.
3. **Activities done at JECRCU-** Blood Donation Camp decoration, Food fest decoration, JU Rhythm - 2016 decoration, Art and craft Session with Zarurat kids.
4. **Workshops** – Model making workshop, Art and creative workshop.
5. **Guest Lecture** – Conducted by Ms.Bharti Gupta on ‘Design Process’,

Pictures of the event



jecrc_university

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FACULTY OF MANAGEMENT

Department of Management

Department of Hotel Management & Hospitality

Department of Journalism and Mass communication

Department of Management

Course offered:

Courses offered	Annual Intake	Number of Applicatins	Boys	Girls	Total
Ph.D	--	---	--	--	--
MBA	60	46	20	19	39
BBA+KPMG	60+60=120	112	92	35	127
B.COM+KPMG	30+30=60	32	21	03	24

Faculty & Staff:

Positions	Sanctioned	Working	On Leave
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Teaching

Professors	01	01	---
Associate Prof.	03	03	---
Assistant Prof.-I	06	06	---
Assistant Prof.-II	07	07	---

Prof. Dr. Parul Agarwal**Designation:** Dean & Director, School of Management**Department:** Management**Qualification:** PhD., MBA(HR), MA(Economics)**Email:** parul.agarwal@jecrcu.edu.in**Dr. Sachin Gupta****Designation:** Associate Professor**Department:** Management**Qualification:** B.Com, M.Com, MBA, M.Phill, Ph.D, UGC-NET (Management), Executive Programme in Advanced Financial Management (XLRI-Jamshedpur)**Email:** sachin.gupta@jecrcu.edu.in**Research Area:** Finance & Accounting**Publication:** Research Papers - 15; Books – 03**Name: Dr. Ruchi Goyal****Designation:** Associate Professor**Department :** School of Management**Qualification:** Ph.D, MHRM, M.A. (Economics), NET & SLET**Email:** ruchi.goyal@jecrcu.edu.in , ruchiadi@rediffmail.com**Research Area:** Human Resource practices, Employee satisfaction, Employee Commitment, Managerial Economics, Business Environment and Business Economics.**Publication:** Research Papers Published: 27 (25 International and 3 National), Books Authored: 5, Case studies published: 5, papers presented in conferences: 13.

Mr. Rishi Sharma**Designation:** Associate Professor & Director Admission**Department:** Management**Qualification:** MBA(Finance)**Email:** directoradmissions@jecrcu.edu.in**Research Area:** Comparative Analysis**Dr. Rashmi Sharma****Designation:** Assistant Professor- I**Department:** Management**Qualification:** B.Com, M.B.A., UGC-NET (Management), Ph.D**Email:** rashmi.sharma@jecrcu.edu.in**Research Area:** Finance &Marketing**Publication:** Research Papers – 8**Dr. Hemant Verma****Designation:** Assistant Professor - I**Department:** Management**Qualification:** B.Com., MBA, M.Com., UGC-NEC(Commerce),**Ph.D.(Commerce) Publication:** Research Paper – 4**Email:** hemant.verma@jecrcu.edu.in**Research Area:** Economics

Mr. Monu Kuruvilla**Designation:** Assistant Professor-1**Department:** Management**Qualification:** BPT, MBA**Email:** m.kuruvilla@jecrcu.edu.in**Research Area:** Human Resource Management

Ms. P. Shivani Singh

Designation: Assistant Professor

Department: Management

Qualification: BA (Management), MBA (Major - HR, Minor - Marketing)

Email: shivani.singh@jecrcu.edu.in

Research Area: Marketing

Publication: Research Papers - 2, Books – 0



Mr. Manish Sharma

Designation: Assistant Professor II

Department: Management

Qualification: B.Sc., MBA, MCOM, MA (Economics Pursuing), Ph.D (Pursuing), UGC-NET (Management), UGC-NET (Commerce)

Email: manish.sharmag@jecrcu.edu

Research Area: Finance

Publication: Research Papers - 2; Books – Nil



Ms. Khushboo Khandelwal

Designation : Assistant Professor

Department: Management

Qualification: B.Tech (EC) , MBA

Email: khushboo.khandelwal@jecrcu.edu.in

Research Area: Traditional Hand block Prints v/s screen Prints

Publication: Nil



Ms. Sunita Sharma

Designation: Assistant professor II

Department: Management

Qualification: BBA, M.Com, PGDCA

Email: sunita.sharma@jecrcu.edu.in

Research Area:

Publication:



Mr. Kshitij Anshumali**Designation:** Assistant Professor -II**Department:** Management**Qualification:** BE (Mechanical Engg.), MBA(HR & Marketing) BIT Mesra, UGC-Net (HR)**Email:** kshitij.anshumali@jecrcu.edu.in,**Research Area:** Organization Behaviour.**Publication:** Nil**DISTINGUISHED FEATURES:**

The pillars of any business are three major functions –Finance, Human Resource and Marketing. Several off shoots and specializations over time have developed like IT, Analytics, Retail, International Business, Entrepreneurship, and so on but the primary three are still the core ones without which a business cannot run. With continuous efforts to improve and hone managerial skills of students, School of Management boasts of many highlights which are considered as their USP's. A quick glance to showcase them:

Panel Discussions: Eminent speakers from industry and Institutes enlighten students with current issues and industry practices through their discussions.

Guest Lectures: Series of Guest lectures are conducted every year to keep the students abreast with the updated Management techniques.

Workshops: Management students are also equipped with various workshops so that practical exposure is provided.

Corporate Interface: A series of Industry interface is organized with top notch corporate so that students prepare themselves as per the needs of the corporate houses.

Industrial Visits: A very important element where students visit various industries and try and encapsulate their workings.

Internships: On the job internships

Placement: Industry ready students are served to industry, covering spectrum of companies.

Pre-Placement preparation: Management students are grinded for employability skills..

Mentoring: Students are continuously mentored by teaching faculty to enhance professional skills.

In House Management games- Various Management games such as leadership game helps students to learn initiation, risk taking and influencing skills.

Collaboration with KPMG: KPMG international operates as a network of member firms offering audit, tax and advisory services. 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.

Scope of Collaboration: 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

T.I.M.E.: 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.

Scope of Co-operation:

T.I.M.E. Experts conduct Training for CAT, GMAT, GRE, Campus Recruitment and Bank PO Examination as part of the curriculum for various Academic Programmes

Foreign language: Collaboration with Dante Institute of Foreign Language.

Promoting Start Ups

Foreign Internships

Achievements:

Pallavi Mathur, Parul Agarwal (2016), “SHG- Bank linkage programme management research”, 6(6), pg. 306-309

Pallavi Mathur, Parul Agarwal (2016), “Widening of economic state Engineering and Management research”, 6(5), pg. 557-560

Mathur, P. Agarwal, P (2017) “SHG: A strategic tool for women humanities”, 25(2), pg. 837-849. Indexed in scopus

Pallavi Mathur, P. Agarwal (2017) “SHG a seed for women and inclusion: An International Journal”, 36(2), pg. 182-196

Mathur, P, & Agarwal (2017), “Marketing of micro finance for rural management and tactics in the service industry” pg. 153-184

Agarwal, Mathur “SHG: an exogenous women empowerment” indexed in scopus

RK Gosian, p. Agarwal, PS siwach “Impact of Environmental factors on selection of defence service officers” in Global Journal of business and social sciences.

RK Gosian, p. Agarwal, PS siwach “Impact of socio- economic conditions on qualities of youth” in International Journal of Applied Business and economic research.

Garg S., Agarwal P. “Micro, small & medium enterprises in India a review of growth and challenges in present scenario”- International journal of applied business and economic research vol. 15(2017)

Garg S., Agarwal P. “A comparison of owners/ managers perception of financial factors- Aware and unaware of govt. initiatives for MSMEs.”

Garg S., Agarwal P. “Problems and prospects of women entrepreneurship – A review of literature in India” IOSR Journal in business and management.

Garg S., Agarwal P. “Problems and prospects of women entrepreneurship - A review of literature”.

“A study on E Marketing- its impact on consumers in Ajmer, Rajasthan”. ISSN- 2249-555X.

“A study on problems faced by exporters of gems and jewellery industry” ISOR Journal of Business and Management.

“Challenges faced by EPIP of gems and jewellery Industry with special reference to Jaipur” Eduved International Journal of interdisciplinary research. ISSN 2348-6775.

“An empirical study on problems faced by gems and jewellery industry in special economic zones.” International journal of applied research vol.15.

Activities organized by SOM

DATE OF EVENTS	NAME OF EVENTS
18 July 2016-23 July 2016	Induction week (Extempore, Debate, Skit, Quiz, etc.

23 July 2016	Amber Visit
29 July -31 July 2016	Attended and event on "TALK JOURNALISM" held at Fairmount Hotel.
30 July 2016	Jaipur foot center Visit
5 Aug. 2016	Ad Mania
6 Aug. 2016	Industrial visit to Jaipur Rugs
11 Aug-16	Business plan competition organized at JU
15 Sep.2016	Know your brand -Marketing quiz conducted at JU
5 Oct. 2016	Digital Rajasthan Conclave
21-23 Oct. 2016	Inter University cultural program
20-24 Oct. 2016	Annual Techno-cultural fest at IIT Roorkee
7-8 Nov. 2016	5th China India Forum organized by FICCI
9-11 Nov. 2016	GRAM
12 Nov. 2016	Guest lecture – Mr. Bikramjeet Singh, VP, BPM, Valuer HR
19 Nov. 2016	Ideathon - Marathon of Ideas 2016
21 Nov. 2016	Organ donation and transplantation awareness
19 Dec 2016	Marketing seminar by Sh. Piyush Pandey organized by Dainik Bhaskar

Guest lectures and Work shops

Date	Activity	Topic
Thursday, January 12, 2017	Management Skills	Activities of various management concepts like team building, leadership, stress & time management

Wednesday, January 18, 2017	Guest Lecture	GST: One Nation One Tax Speaker: CA Avdhesh Khandelwal
Wednesday, January 25, 2017	Guest Lecture	Workshop on Leadership Speaker: Mr. Sandeep
Thursday, February 02, 2017	Guest Lecture	Demonetization: Impact on Indian Economy Speaker: Dr. Girish Goyal, CA, ICWA, CS, MBA
Friday, February 03, 2017	Zee News Rajasthan Panel Discussion	Budget 2017-18 Panel Discussion
Saturday, February 04, 2017	Industrial Visit	Visit to Saras Dairy, J L N Marg
8th & 9th February, 2017	Workshop	Workshop on Digital Marketing Speaker: Mr. Jitendra Dhaka & Mr. Nikesh Upadhyay, Crazzle Infotech Pvt. Ltd.
Friday, February 10, 2017	Workshop	Workshop on Digital & Social Marketing Speaker: Mr. Amrit Mohan, AGM, Jaipur Rugs
22nd & 23rd February, 2017	Meditation Sessions	Sessions on Meditation for Excellence Speaker: Retd. Commander Arvind Singh

RESEARCH

20 Scholars are enrolled under SOM.

4 students have submitted their pre-thesis.

Our Research Scholars have published their research paper in various Scopus listed journals.(Around 10 have been accepted).

Department of Hospitality and Hotel Management

Course offered:

Courses offered	Annual Intake	Number of Applications	Boys	Girls	Total
B.Sc.	30	24	17	02	19

Faculty & Staff:

Positions	Sanctioned	Working	On Leave
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Teaching

Professors	---	---	---
Associate Prof.	---	---	---
Assistant Prof.-I	---	---	---
Assistant Prof.-II	02	02	---

Non-teaching

Lab Tech	---	---	---
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Chef Manbir Singh

Designation: Assistant Professor & Incharge

Department: Hospitality and Hotel Management

Qualification: B.Sc. in HHA, MBA (HR), DCGO (Diploma in Cruise Galley Operation), MTM (Pursuing)

Email: manbir.singh@jecrcu.edu.in, hod.hotelmanagment@jecrcu.edu.in

Research Area: Food Production, Bakery, Food Science

Publication: Article on "Punjabi Cuisine" in Souvenir Saras – Mela 2016



Mrs. Somya Negi

Designation: Assistant Professor

Department: Hospitality and Hotel Management

Qualification: B.Sc. in HHA, PGDMA (HR), MTM (Pursuing)

Email: somya.negi@jecrcu.edu.in

Research Area: Front office, Housekeeping, Communication

Publication:



Activities in 2016-17

1. Industrial visit to five star hotels – Students were taken to a five star hotel to give them a practical exposure.
2. JU Master Chef Competition –Inter college chef competition organised by the department.Executive chef of Raas Jodhpur was the Judge for the Event.
3. Five days food festival – Food Festival was organised to give students a practical exposure.ChefRanbirBrar was the judge for the event.
4. Budding Bakers workshop – Students of departments organised a bakery workshop and sold all the fresh and hygienic products.

Pictures of the event







Department of Journalism & Mass Communication

Course offered:

Courses offered	Annual Intake	Number of Applications	Boys	Girls	Total
B.A.	30	21	09	05	14

Faculty & Staff:

Positions	Sanctioned	Working	On Leave
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Teaching

Professors	---	---	---
Associate Prof.	01	01	---
Assistant Prof.-I	---	---	---
Assistant Prof.-II	01	01	---

Dr. Neeraj Khattri

Designation: Associate Professor and HOD

Department: Journalism and Mass Communication

Qualification: M.J.M.C., Ph.D.

Email: hod.jmc@jecrcu.edu.in

Research Area: Development Communication, Media Literacy, Reporting

Publication: Research Paper - 15; Books - 04



Mr. Shailendra Pratap Singh Bhati

Designation: Assistant Professor

Department: Journalism and Mass Communication

Qualification: M.A, Ph.D. (Pursuing)

Email: shailendra.bhati@jecrcu.edu.in

Research Area: Cinema Studies, Media Cultural Studies



Activities in 2016-17

School of Journalism and Mass Communication

1. **Received Rajasthan Education Excellence Award on the behalf of JECRC University:** On the behalf of JECRC University, Dr. Neeraj Khattri, HoD, School of Journalism and Mass communication received Rajasthan Education Excellence Award in the category of Excellence in E-learning Resources given by Dainik Bhakar and 94.3 FM on 27th April, 2017 at Hotel Ramada, Jaipur. In the presence of Education Minister (Primary & Secondary) Govt. of Rajasthan Mr. Vasudev Devnani, renowned TV actress Ms. Smita Bansal honored JECRC University.



2. **JU student honored by PRSI, Jaipur :** While celebrating its Silver jubilee on 23rd April, 2017, Public Relations Society of India (PRSI), Jaipur honored a JU media student namely Priyansh Nahar as a 'Most emerging Media student of the year'. He was awarded by Chief Guest of the program, Ram Charan Bohra, Member of Paliament, Jaipur Constituency. Also, all the mass communication students had a pro-active participation in this event for learning liasioning and public relation skills.



3. **Participation in a film festival:** On the occasion of Rajasthan day, JU Media students participated in International festival of Short films on culture and Tourism (IFFC) organized by Govt. of Rajasthan held on 30th August, 2017. During this, students pursued exposure of International cinema based on some educational and social themes and had productive discourse with filmmakers.



4. **JECRC Journalism students celebrated World Forestry Day:** On World Forestry day held on 21st March, 2017, budding journalists participated enthusiastically in a day-long seminar held at Forestry Training Institute, Jaipur. They did not only participate in this event, but also took interviews of senior forest officials for the coverage of The Message. At the end, all the media students were honored with certificate of appreciation by chief guest of the seminar.



5. **Workshop on Motivational and Soft Skill Training:** The School of Journalism and Mass Communication of JECRC University invited Mr. Deepak Kapoor, Director, superawakening.com to lend his expertise as one of the most influential and effective coaches in the arena of interpersonal and soft skill development. School organized this program from January 27 to 28, 2017.

During the workshop Mr. Kapoor highlighted the need for teamwork and personal motivation as the building blocks of any successful venture in both a personal as well as professional environment.



6. Media Workshop-Grassroot Media Foundation, Jaipur

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

7. Fringe-2K16- Inter University Media Fest, Jaipur

Fringe-2K16- Inter University Media Fest organized by Manipal University Jaipur from November 17-18, 2016. Our 14 student participated in different Journalism and Mass Communication activities i.e. Mock Press Conference, Media Quiz, Photo-Journalism, News Anchoring etc. By participating in these activities with students of various Media Schools, the morale of our Mass Communication students was boosted up and pursued an exposure related Media fraternity.

8. National Children Film Festival, Jaipur

National Children Film Festival organized by Children Film Society, India from November 14 to 16, 2016. It was our achievement to be the only School to be associated officially with an event of Government of India. Our 14 Mass Communication students volunteered in various program held there i.e. Film Screenings, Dialogue-sessions, Talk with Celebrities. Our students assisted famous celebrities came to attend the event i.e. Anil Kapoor, Irfan Khan, Ila Arun, Mukesh Khanna, Tisca Chopra, Darshil Safari etc.



9. Sahitya Aaj Tak, New Delhi

This Event was organized on November 12-13, 2016 at Indira Gandhi Center for Arts, New Delhi, where the eminent Literary and Cine- personalities participated and shared their relevant idea of their concerned field i.e Anupam Kher, Anurag Kashyap, Hari Om Panwar, Ashutosh Rana, Prasoon Joshi, Kedar Nath Singh, Chetan Bhagat and Kapil Sibbal, Rajdeep Sardesai in this. Our Student Aditya Pareek met all these celebrities and had a talk with Rajdeep Sardesai. It was a learning experience for him.

10. Extension Lecture- Prof. Vikram Kaushik

School of Journalism and Mass Communication conducted an extension lecture of renowned media academician Prof.(Dr.)Vikram Kaushik, Department of Communication, Technology and Management, Guru Jambheshwar University of Science and Technology. He delivered his lecture on Media Education. After his lecture, our student had conversation with him by questioning him about need of the hour in Journalism Sector.



11. Film Screening

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

12. Udaipur Film Festival

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

13. Extension Lecture- Mr. Nitesh Anand

The Extension lecture of Mr. Nitesh Anand, Associate, Advocacy, Centre for Civil Society, Social Change through Public Policy, New Delhi was held on October 7, 2016. The objective of this extension lecture was to make our students aware of an International short film competition named Edu Doc: Stories of Education. Our students came to know about objective, process and prizes of this Film Competition.

14. Talk Journalism

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



FACULTIES OF HUMANITIES

Department of English

Faculty & Staff:

Positions	Sanctioned	Working	On Leave
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Teaching

Professors	---	---	---
Associate Prof.	01	01	---
Assistant Prof.-I	05	05	---
Assistant Prof.-II	---	---	---

Dr. Keshav Nath

Designation: Assistant Professor-I & Head (English)

Department: English

Qualification: M.A, Ph.D (Applied Linguistics), PGCTE*

Email: keshav.nath@jecrcu.edu.in

Research Area: Applied Linguistics, Language Teaching, Second Language Acquisition theories, Phonetics, English Lexicology, English literature of Modern Era

Publication:- 3 research papers, 2 books



Dr. J.K.Singh

Designation: Associate Professor

Department: Department of English

Qualification: Ph.D

Email: Jk.singh@jecrcu.edu.in

Research Area: Indo English Literature



Dr. Vijaylakshmi**Designation:** Assistant Professor-I**Department:** Department of English**Qualification:** M.Phil (ELT) Banasthali Vidyapeeth**Email:** vijaylakshmi@jecrcu.edu.in**Research Area:** Research interests include Literature of the Greeks, Gender studies, Contemporary fiction, Linguistics, current trends in ELT, Women's Literature, stylistic studies, kinesics and paralinguistic's in language pedagogy, linguistic deviation and post colonial studies.**Publication :** Book:1, research paper:7**Dr. Parveen Bala****Designation:** Assistant Professor-I**Department:** Department of English**Qualification:** Ph.D (English), M.Phil., M.A., B.Sc.**Email:** parveen.bala@jecrcu.edu.in**Research Area:** Indian Literature, Phonetics, Woman and Social Issues in India.**Publication****Significant Publications:** 03**Dr. Abhilasa Kaushik****Designation:** Assistant Professor-I**Department:** Department of English**Qualification:** Ph.D (English)**Email:** Abhilasa.kaushik@jecrcu.edu.in**Research Area:** Second Language Acquisition, Remedial Pedagogy**Publication:** International Journals- 5 National journals- 1 Book-1**Dr. Ajay Sharma****Designation:** Assistant Professor-I**Department:** Department of English**Qualification:** Ph.D**Email:** ajay.sharma@jecrcu.edu.in**Research Area:** CLT, ELT**Publication:** International Journals & National journals- 5, Books- 2**Achievements 2016-17**

1. Dr Keshav Nath Delivered a Key Note address on Entrepreneurship Education: An Indian Need at Government College of Engineering & Technology at Bikaner. *National Conference on Entrepreneurship Development* Sponsored by DST.

2. Dr Abhilasha Kaushik published a research paper titled ‘Accuracy or Fluency First?’ in UGC approved journal, *Pune Research* (ISSN2454-3454) (JIF 2-14) (July, 2017)
3. Dr Abhilasha Kaushik Presented a paper titled “The Timeless Shakespeare” in a National conference of “” ELTAI at Kanoriya Mahila Vidyalaya, Jaipur on 7 th October 2016

Faculty of Law

Faculty & Staff:

Positions	Sanctioned	Working	On Leave
Teaching			
Professors	01	01	---
Associate Prof.	---	---	---
Assistant Prof.-I	03	03	---
Assistant Prof.-II	---	---	---

Prof. (Dr.) Mahesh Koolwal

Designation: Dean

Department: School of Law

Qualification:

Ph.D., LL.M, MA (Economics), Diploma in Russian, German and French Languages

Email: maresh.koolwal@jecrcu.edu.in

Research Area: Taxation

Publication: 25 National Research Papers, Published 4 books.



Dr. Sonu Agarwal

Designation: Assistant Professor-I

Department: School of Law

Qualification: NET, SET, Ph.D., LL.M (International Law)

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Research Area: International Law

Publication: 4 Research Papers



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Publication

8 Research Papers

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Publication: 3 Research Papers



Results 2016-17

JECRC UNIVERSITY
PROMOTED/NOT PROMOTED DATA
SESSION: 2016-17

SR. NO.	Course	YEAR	APPEARED	PROMOT ED	NOT PROMOT ED	PROMOTE D %
2016 BATCH						
1	M.TECH	I	8	8	0	100%
2	BCOM NORMAL	I	14	13	1	93%
3	BCOM KPMG	I	12	11	1	92%
4	BBA NORMAL	I	95	87	8	92%
5	BBA KPMG	I	34	31	3	91%
6	MBA	I	39	38	1	97%
7	BSC	I	68	67	1	99%
8	MSC	I	11	11	0	100%
9	BCA	I	86	77	9	90%
10	B.TECH	I				
	CE		68	68	0	100%
	CSE		504	487	17	97%
	ECE		28	28	0	100%
	EE		31	31	0	100%
	ME		117	114	3	97%
11	MCA LATERAL	II	113	112	1	99%
12	MCA REGULAR	I	5	5	0	100%
13	BSc AGRICULTURE	I	87	72	15	83%
14	JEWELLERY DESIGN	I	5	5	0	100%
15	GRAPHIC DESIGN	I	5	5	0	100%
16	INTERIOR DESIGN	I	18	18	0	100%
17	Hospitality and Hotel Management	I	14	12	2	86%
18	Journalism and Mass Communication	I	14	13	1	93%

2015 BATCH						
1	M.TECH	II	10	0	10	0%
2	BCOM NORMAL	II	3	3	0	100%
3	BCOM KPMG	II	9	9	0	100%
4	BBA NORMAL	II	10	9	1	90%
5	BBA KPMG	II	6	6	0	100%
6	MBA	II	27	26	1	96%

7	BSC	II	58	57	1	98%
8	MSC	II	7	7	0	100%
9	BCA	II	27	27	0	100%
10	B.TECH	II				
	CE		47	46	1	98%
	CSE		141	141	0	100%
	ECE		6	6	0	100%
	EE		6	6	0	100%
	ME		46	44	2	96%

2014 BATCH						
1	BCOM NORMAL	III	1	1	0	100%
2	BCOM KPMG	III	8	6	2	75%
3	BBA NORMAL	III	23	19	4	83%
4	BBA KPMG	III	26	24	2	92%
5	BSC	III	66	60	6	91%
6	BCA	III	48	31	17	65%
7	B.SC IT	III	13	10	3	77%
8	B.TECH	III				
	AE		8	8	0	100%
	ME		102	102	0	100%
	MECHATRONICS Engg.		5	5	0	100%
	CE		81	81	0	100%
	CSE		198	198	0	100%
	ECE		21	21	0	100%
	EE		32	32	0	100%
	IT		7	7	0	100%
	CHEMICAL Engg.		11	11	0	100%
9	MCA REGULAR	III	19	18	1	95%
10	MCA LATERAL	III	50	45	5	90%
11	B.VOC	III	4	4	0	100%
12	BA	III	3	3	0	100%

2013 BATCH						
	B.TECH	IV				
1	AE		13	10	3	77%
2	ME		126	114	12	90%
3	CE		104	85	19	82%
4	CSE		148	129	19	87%
5	ECE		78	70	8	90%

6	EE	41	40	1	98%
7	IT	6	6	0	100%

Training and Placement Centre

CRT Program Summary: 2016-2017

Special Training Sessions by FACE trainers were organized to prepare our students well for placement drives. It was a generalize training for all companies to come for placement drives. Students of all branches have developed sound aptitude skills, soft skills and attempting various companies test and cracking the pre-test. Many of them have already been placed.

Details of the same as under:

- Dates: 19th July to 10th Aug. 2016
- Participants: For B.Tech (all branches)& MCA students of batch 2017
- Duration : 20 days
- Date: 21st July to 06th Aug. 2016
- Participants : BCA & BSc Students of batch 2017
- Duration : 15 days

CRT for TCS based training to BSc & BCA students

Special Training Sessions by FACE trainers were organized to prepare our BCA, BSc students well for TCS placement drives. Avg. Total 35 students attended this program on daily basis.

Details of the same as under:

- Program Name : TCS CSAC
- Dates: 19, 20, 21st Aug. 2016
- Participants : BCA, BSc 2017 passing out batch
- Duration : 3 days (18 Hrs)

Placement Summary: 2016-2017

JECRC Foundation has set an exemplary record in engineering placements with its students being chosen by industry leaders, year after year. 560+ renowned companies have made more than 8500 offers to students in last 13 years. This year has been exceptional for JECRC umbrella in terms of placements. More than 1250 offers have been rolled by 82 reputed organizations like TCS, Accenture, Ericsson, Adani Power, Pinnacle, Aon Hewitt, Tata Technologies Limited, Wipro Technologies, HP, Roofpic, ICICI, HSBC, Mindtree 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.

JECRC University is providing various programs and courses for UG, PG and Ph.D. in the fields of Engineering & Technology, Commerce & Management, Pure & Applied Sciences, Computer Applications & IT, etc. since 2012. The first batch of B.Tech students of JECRC University passing out during the current session 2015-16 and over 95.96% of the students were placed in topnotch companies like Accenture (110 students) and Tata Consultancy Services (59 students) at a package of Rs.3.30 lakh per annum.

The session of 2016- 2017 at the JECRC University has had a great placements season. In this session 79.55% placement were made till June 2017 by 82 companies who participated in the placements process. Top firms like Adani Power, Tata Technologies, Sopra Steria, AON, Anora Lab, Ashiana Housing, ICICI Securities, Pinnacle Infotech, Mindtree etc continue to be big recruiters at the JU.

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

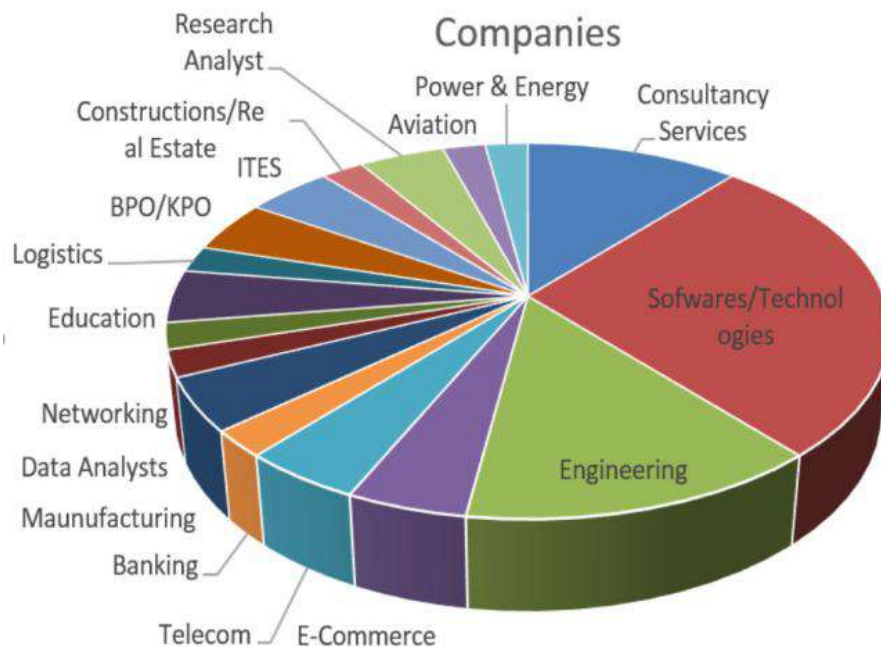
Technology services companies like TCS, Accenture, Wipro, Capgemini, HP, Hexaview Technologies, and E-Commerce firms Tally Solutions have tie-up with JECRC.

JECRC University not only focuses to engineering students but also has given special attention to non-engineering students of MBA, BBA, BCA, BCA & BSc. more than 155 offers till June 2017 have been given by reputed companies like ICICI Securities, Just Dial, Tally Solutions, AU Financiers, Kamayani Estates etc.

In today's world, core industries entering in various fields to fulfil the complex demands of people. Keeping in a view this year JECRC foundation has added more core companies. Today we have many sectors coming up in market and Engineering.

It is the field which can step its foot in many pots. Keeping this in mind and to give a better exposure to students, we tried to expand our hands in different verticals in terms of Placements.

Currently we are offering **20+ sectors** including **Research, Software Technology, Banking, Engineering, Manufacturing, Power & Energy, Real Estate, Finance, Management** and many other core sectors which open the door to various, one in a lifetime opportunities.



Students Placement Statistics and summary for 2017 Batch :

Placement Offers @ JECRC University		
Engineering		
S. No.	Branch	Offers
1	CSE/IT	147
3	ECE	49
4	EE	28
5	ME	117
6	Civil	13
	B.Tech. Total	354*

Non Engineering		
S.No.	Branch	Total Offers
1	MCA	40
2	MBA	29
3	BCA	52
4	BSc	18
5	BBA	13
6	BCom	03
Non Engineering- Total		155*
TOTAL OFFERS		509*

*Till June 2017

April 2016 – June 2016

- We had 4 outgoing students from the university and 8 incoming students. Various trips and activities were organized for the incoming interns.

July 2016

- As the first year's academic session started the marketing team went on from class to class promotions explaining the students about IAESTE and how it was necessary for global exposure and overall development.
- Seminars were conducted for all the students department wise for clarifying their doubts and for one-on-one interaction with the local committee.
- First Membership Drive began in the third week of July.
- One-to-one interactive session with the outgoing students was organized for all the first year students which proved to be extremely helpful.

August 2016

- The formation of the local committee began and the interested had to clear three stages in order to be selected in the committee. The first stage required the students to undergo an Aptitude test. Group Discussion was held among the selected students as the second stage. For the final stage the students were called for a personal interview after which the selected students were finally allocated to their departments.
- The LC Jecrc board was also elected composing of –
 - **President** – Rudraksh Sharma
 - **Vice President & Chief Finance Officer** – Prekshit Suthar
 - **Head, Administration** – Kshitij Agarwal
 - **Head, Human Resource & Alumini** – Harshita Mathur
 - **Exchange Coordinator** – Akshar Soni

September 2016

- The process of offer generation was started in the first week.
- The local committee explained the various aspects of offer generation to the faculties. A meeting was held for all the departments separately where all the points to be taken care of while filling the offer form were explained.
- Faculties gave a very good response and almost all of them were interested in generating their offer so as to host an intern.

October 2016 – December 2016

- A total of 91 offers were generated by various faculties of different branches, out of which the best 35 were sent for exchange in Annual General Conference.
- The following shows the break-up of the offers sent –
 - **Mathematics** – 3
 - **Biology** – 4
 - **Mechanical** – 6
 - **Management** – 5
 - **Electrical and Electronics** – 7
 - **Media and Marketing** – 1
 - **Life sciences** – 1
 - **Information Technology** – 6
 - **Sciences (Chemistry & Biotechnology)** – 2

January 2017

- National Conference was held in Manipal Institute of Technology, Udupi wherein the committee got its offers and also various developments sessions were held.
- Out of the sent 35 offers, 20 offers from the following disciplines were selected :-
 - **Mathematics** – 2

- *Biology* – 2
- *Mechanical* – 5
- *Management* –3
- *Electrical and Electronics* –5
- *Media and Marketing* – 1
- *Life sciences*– 1
- *Information Technology* – 1

Februray 2017- June 2017

- Between this span all the documentation for the incoming and outgoing students was done.
- In order to increase the number of incoming interns LC JECRC released a total of 50 COBE offers, out of which 16 were selected which were -
 - a) Electrical Engineering – 2
 - b) Civil Engineering – 6
 - c) Biology – 2
 - d) Computer Science – 2
 - e) Other –2
 - f) Management–1
 - g) Chemistry – 1
- The overall exchange stats are shown below.

Interns Exchange Statistics

- **Incoming**

In 2017's exchange, IAESTE LC JECRC had 26 incoming interns from various countries.

S.No	Name of Intern	Country	Department	From	To
1	Le Duc Anh	Vietnam	Economy & Management	1-Jun-17	23-Aug-17
2	Son Minh Nguyen	Vietnam	Economy & Management	1-Jun-17	15-Aug-17
3	Kevin Kipruto Mutai	Kenya	Electrical	3-Jul-17	15-Aug-17
4	Marc Rubio Mulet	Spain	Economy & Management	29-Jun-17	28-Aug-17
5	Habeb Mohammed Abdullah	Saudi Arabia	Electrical	1-Jul-17	25-Sep-17
6	Ly Thi Khanh Vu	Vietnam	Economy & Management	6-Jul-17	30-Sep-17
7	Nahayo Patrick	Kenya	Computer Science	17-Jun-17	1-Sep-17
8	Julia Mila Martinez	Spain	Biotechnology	3-Jul-17	15-Aug-17
9	Marcin Stanislaw Jach	Poland	Electrical	2-Jul-17	23-Aug-17

10	Tom Robert Staessens	Belgium	Electrical	2-Jul-17	23-Aug-17
11	Hoa Thi Nguyen	Vietnam	Economy & Management	6-Jul-17	30-Sep-17
12	Lukas Zelko	Slovak Republic	Mechanical	10-Jul-17	18-Aug-17
13	Carolina Lopez Duran	Colombia	Mechanical	25-Jul-17	25-Aug-17
14	Sharon Virginia Pape	Germany	Mechanical	25-Sep-17	20-Nov-17
15	Natthawut Raengching	Thailand	Electrical	11-Aug-17	30-Sep-17
16	Lechner Joerg	Germany	Electrical	1-Feb-18	1-May-18
17	Maha Ben Youssef	Tunisia	Civil	10-Jul-17	18-Aug-17
18	Matthew Walker	United Kingdom	Computer Science	10-Jul-17	15-Aug-17
19	Charista Alverina Julian	Indonesia	Civil	10-Jul-17	18-Aug-17
20	Andrew Cummins	United Kingdom	Chemistry	17-Jul-17	28-Aug-17
21	Ignacio Manuel Fernandez Guerrero	Spain	Biology	19-Jul-17	18-Sep-17
22	Jindrich Duda	Czech Republic	Computer Science	5-Jul-17	23-Aug-17
23	Yazsinta Pinayung Septianing Kidung	Indonesia	Civil	10-Jul-17	18-Aug-17
24	Finsen Prayogo	Indonesia	Civil	11-Jul-17	23-Aug-17
25	Christian Prasetya	Indonesia	Civil	11-Jul-17	23-Aug-17
26	Maria Xenouli	Greece	Civil	19-Jul-17	14-Oct-17

Incoming – 2017



- **Outgoing**

Iaeste Jecrc also had about 15 students from the University going to various countries for Technical Internships.

S.No.	Name	Country	Department	From	To
1	Ajendra Singh	Vietnam	Mechanical	1-Aug-17	31-Sep-17
2	Nilom Deka	Vietnam	Mechanical	1-Jun-17	31-Jul-17
3	Akshar Soni	Germany	Mechanical	10-Jun-17	10-Aug-17
4	Rudraksha Sharma	Germany	Mechanical	1-Jul-17	31-Aug-17
5	Prekshit Suthar	Germany	Civil	10-Jun-17	10-Aug-17
6	Rohit Solanki	Germany	Civil	1-Aug-17	31-Sep-17
7	Anisha Mohanka	Belgium	Computer Science	5-Jun-17	26-Jul-17
8	Shubham Jain	Nepal	Civil	10-Jun-17	10-Aug-17
9	Vishesh Gupta	Nepal	Civil	15-Jun-17	15-Jul-17

10	Pratul Kant Aggarwal	Vietnam	Mechanical	10-Jul-17	5-Sep-17
11	Amit Yadav	Kenya	Mechanical	10-Jun-17	10-Aug-17
12	Aditya Singhal	Kenya	Mechanical	10-Jun-17	10-Aug-17
13	Paritosh Shamra	Poland	Computer Science	3-Jul-17	13-Aug-17
14	Vishesh Kothari	Czech Republic	Automobile	7-Aug-17	31-Sep-17
15	Ravi Meena	Vietnam	Mechanical	1-Jun-17	31-Jul-17



2017 was an excellent exchange year for IAESTE JECRC as it became the fastest growing committee in 4 years throughout India with 26 incoming and 15 outgoing students.

June 2017 – August 2017

- Various trips were conducted for the incoming interns which includes –
 - Ajmer – Pushkar
 - Agra-Mathura-Vrindavan
 - Udaipur
 - Jaiselmer
 - Delhi

- The interns were very happy and mesmerized by the culture and heritage of India. JECRC University also organized a trip for interns which covered whole of Jaipur.
- The interns also took interest in the Spiritual Cell in JECRC Foundation which is basically for Meditation.
- Team Zarurat also organized various programs for the interns in which the interns showcased their culture and many interns even taught the underprivileged children.
- IAESTE JECRC took all the interns to Chokhi Dhani to give them an idea about the traditional food of Rajasthan and a view of Indian Villages.

Student activities: 2016-17

Name of Event	Orientation Day
Date	19 july 2016
About the event / Special achievement	JU welcomes 1 st year students to induction program in mini auditorium. President, Registrar and Deans/ Directors address students of respective departments during the course of the day

Name of Event	Aazadi day
Date	15 aug 2016
About the event / Special achievement	One more interesting event was organised by 3C Club so as to celebrate our 70th Independence Day in a creative manner. And so keeping that historic day in mind the event was named "Azaadi 70" and painting and essay competition was organised on 12th August. As expected our JECRC'ians did their best and showed their enthusiasm and 60+ students took part in both the events. The students were very excited, as a result the event was a great success..!!

Name of Event	Freshers
Date	9 Sept 2016
About the event / Special achievement	The day 9th Sep, remarked as a special day in memory of every fresher at JU. The fresher's party was an evening full of talent, enthusiasm, excitement and fun. JECRC welcomes our fresher's for their journey in JECRC.
Name of Event	Vande matram
Date	21 sept 2016
About the event / Special achievement	Many a events are organised but nothing like eye glittering what just happened at #janpath on 21 Sept 2k16 a day putting mark over the history in the name of "VOICE OF

	UNITY" where a bunch of more than 1lac people sang "VANDE MATARAM" and creating a national record in the presence of Hounreble Chief Minister of Rajasthan and Ministers.A proud moment for all JECRC Foundation by being a part of it with more than 5000 people by showcasing their presence in this mass strength.
Name of Event	Self Defense workshop
Date	28 Sep 2016
About the event / Special achievement	Ms. SuchitaVashishtha, A national level karate champion from Jaipur has headed the workshop. Ms. Suchita has motivated the girls of JECRC University to be aware about the self defense and she has demonstrated many techniques to defense yourself by using small weapons like hairpin, pencil, school bags and water bottle. MsSuchita has mentioned that Strength and power are the most important factors in self defense training. Knowing that you know techniques of self defense defiantly boost your morale and power training will keep your muscles healthy and strong. JECRC University and Angle's Club extends a sincere thanks to Ms. Suchita for conducting such an inspirational workshop for our students.
Name of Event	Protsahan
Date	17-19 oct 2016
About the event / Special achievement	A 3 day event organized for 1000 of school students. Events varied from sports, technical education, master chef, quiz etc

Name of Event	Ideathon
Date	19 October 2016
About the event / Special achievement	Ideathon of E-Cell JECRC University was structured to encourage collaboration and exploration. 200 students from various colleges of Jaipur worked in teams, each with a mix of courses, genders and personality types. 19 October 2016 night, each team developed business models and did networking with each other and other teams on event. Early Sunday morning, the teams ran their ideas for pitching and winners were finalized. JU- ideathon relied on 17 hours long bursts of intellectual energy , the pace of invention and inventiveness was quick. Ideas were created, discarded and revised in rapid-fire fashion, which resulted in cycles that almost always offered a broad range of possible answers to critical questions.
Name of Event	Blood donation
Date	19 oct 2016

About the event / Special achievement	Youth are the rising sun of our country, awakening them and their participations in the making of better society is of utmost value. Today, a Blood Donation Camp has been organized for students which was inaugurated by Colonel. Nalin Chauhan in presence of Shri. Amit Agrawal sir and President sir
Name of Event	INTRA MURUL
Date	08 -23 OCT 2016
About the event / Special achievement	Inter branch Football Tournament was organized. 5 Teams of JU participated in it. Science block team beat mechanical team in finals held on 23 Oct 2016.
Name of Event	INTRA MURUL
Date	24 - 27 OCT 2016
About the event / Special achievement	Inter branch American Football Tournament was organized. 5 Teams of JU participated in it. Mechanical team beat CS Team in finals held on 27 Oct 2016.
Name of Event	Zarurat
Date	21 Nov 2016
About the event / Special achievement	Team <u>Zarurat</u> spreaded smile on the faces of children. Nearly 80 kids & 70 parents were there. Not only this, hundreds of our esteem faculty & hardworking volunteers also enjoyed the event
Name of Event	Crescendo
Date	29 Nov 2016
About the event	Music club “Swaraag “ organized a university level event called Crescendo. It provided platform for JU students to showcase their singing and instrument playing talent
Name of Event	Passport Awareness Workshop
Date	5 dec 2016
About the event / Special achievement	In continuation of the initiative taken by Regional Passport Office, Jaipur to provide Passport Services to maximum level. JECRC University again organized a Passport Awareness workshop today at its premise to motivate the students for having passport. The workshop was conducted by Sh. S.R. Meena, Deputy -Regional Passport Officer, Jaipur. He highlighted the objective of this initiative and aware the students with the importance of having passport. Sh. Janak Singh, Manager, TCS explained the operational and functional aspects in order to apply for passport. Around 250 students from JECRC University participated in workshop and benefited from the session.
Name of Event	National entrepreneur talent E Summit @ IIT Bombay
Date	28 & 29 January 2017*

About the event / Special achievement	The E-Cell of JECRC University attained a new pinnacle of success! Entrepreneurship Cell JU (E-Cell) is Contingent winner of E-Summit IIT Bombay which is one of its kind in entire India. JECRC University stands No. II in the entire country in NEC IIT Bombay 2017
Name of Event	WOW
Date	19 – 23 Jan 2017
About the event / Special achievement	What else could be more warming, starting of the chilling day when not just one but two prominent events were hosted by JECRC University, making it a well spent day. The 5th edition of Wonder of Words "WOW'17" was organized by JECRC University. An eminent author Ms. Deepa Agarwal Prof. Frank Trentmann and Dr C.P. Doval attended JU WOW 2017
Name of Event	Food festival
Date	25 – 29 Jan 2017
About the event / Special achievement	An innovative & unique thought process added to the golden pages of JECRC University, a new trend has been set up. A 5-day long food festival named "JU Food Fest" has been introduced offering the flavors of 5 different cultures to our taste buds!
Name of Event	Jaipur marathon
Date	5th feb 2017
About the event / Special achievement	All the JECRCians were in complete awe of the grand Jaipur Marathon 2017! Every student was full of zest and was full of sportsman's spirit. The remarkable participation of more than 1500 JECRCians highlighted the whole arena with the red JU scarfs.
Name of Event	Workshop on Heartful meditation
Date	22nd 23rd 25th feb 2017
About the event / Special achievement	‘Purity weaves destiny’ and Heartful meditation is one of the best way to achieve it. For spreading awareness, School of Management, JECRC University is organising a workshop on Heartful meditation on 22nd, 23rd and 25th February. We are honoured to have Retd. Commander Arvind Mishra as the mentor of the 3-day workshop.
Name of Event	Zarurat
Date	25 feb 2017

About the event / Special achievement	<p>Zarurat students nailed the Pre-Rhythm Event completely. The small buds owned the stage and showcased their cloaked talents like dance, poem recitation, etc. The mime play by Abhivyakti Club, the singing performance by the Swaraag Club were like a cherry on the cake.</p> <p>Shri. O.P. Gahlotra- Additional Director General of Police cum Director , Rajasthan Police Academy, was the Chief Guest of the event.</p>
Name of Event	National science day
Date	1st march 2017
About the event / Special achievement	<p>“National science day” is commemorated in the honors of Sir C. V Raman every year on 28 February, for his excellence in Raman effect. This year JECRC University students were so excited to celebrate this day with specially abled students. Noble aim was to promote advancements in science and technology among specially abled students. Shri S.S Bissa CEO Jaipur foot Ex IAS graced the occasion with his presence and encouraged students. Various informative sessions like science quiz, robotics workshop and aeromodelling were organized to increase knowledge of young kids. Specially abled students also participated in painting competition ‘You me & Science’ They also cherished in dance and basket ball events.</p>
Name of Event	JU-Rhythm
Date	2nd – 4th march 2017
About the event / Special achievement	<p>“JU-Rhythm 2017” is envisioned as best techno-cultural fest to bring out the talent and to explore the same in the budding students. An immense cultural confluence on all levels, this year’s JU-Rhythm is set to redefine multiple standards with an exuberant line-up of events in literature, arts, dramatics, music, dance, robowar, hackathon etc. , as well as one-of-a-kind innovative amalgamations of the same. The Big 3- ‘Cultural, ‘Technical’ and ‘Business’ will be taken to an even bigger spotlight. The participation is aimed to soar much higher than the previous edition. Actor Rajkumar rao visited JU RHYTHM 2017. More than 3000 students all over the country participated and competed across 50 events at JU RHYTHM.</p>
Name of Event	E Summit 2K16
Date	10,11,12 March 2016
About the event / Special achievement	<p>E Summit at JECRC University saw 20 Startups, Angel Investors, mentors, speakers coming together on one Platform of JECRC University for three days of high</p>

	energy interactions and exciting sessions, with a total participation of more than 500 students. It witnessed top notch speakers naming few; Shu Agrawal , Deepak Goyal. The summit was planned as a cultivation of multiple tracks of scouting with a special track of Student Startups and Budding entrepreneurs. Investor's dilemma, Business Pitch, Vartalap, Startup intern fair and IPL auction were the category events conducted. Cash Prize given was 1 lakh INR/ worth.
Name of Event	"Udbodhan"
Date	7th march
About the event / Special achievement	A lecture Series was being conducted under the banner of "Udbodhan" on 7th March by Prof. Dr. GVR Sastry, SELP Harvard, Ph.D. IIT Delhi, FCMA & Chairman of Coastal India Development Council.
Name of Event	International women s day
Date	8th march
About the event / Special achievement	A beautiful women, a great friend and a wonderful mother. Multiple roles played by a single woman. On the occasion of International Women's Day a seminar was organised by "THE SAKSHAM TEAM" at JECRC University. A skit was performed by "Abhivyakti-The Theatre Club" depicting the power of women
Name of Event	Seminar for govt school principals
Date	5-6 april 2017
About the event / Special achievement	JECRC UNIVERSITY is proud to host the prestigious seminar for Principals of Government Schools for two long days 05/04/2017 -06/04/2017. It was inaugurated by Dr. Ram Ratan (Dean, SOE and Research, JECRC University). The presence of honourable ADDITIONAL DISTRICT EDUCATION OFFICER and Seminar Chairman Mr. Suresh Jain graced the event

CLUBS AND CENTRE

Students are encouraged to participate in co-curricular and extracurricular activities through these clubs and societies. The University recognizes the importance of nurturing the talent and provides the resources and acts as a catalyst for the same. Residential life in JU hostels combines living and learning, both intricately linked with each other. Thoughtfully designed and managed, they provide the perfect setting for the academic pursuits.

Technical Clubs

- ! Zenith - Aero modeling club
- ! Technofizi - Robotics Club

- ! Sanskrit Club (Dancing)
- ! Swarag Club (Singing,Musical Instrument)
- ! E-cell - Entrepreneurship and incubation club
- ! Nature bird Club
- ! Terra Club
- ! Armada Club
- ! Cyber security club

Extra-Curricular Activity clubs

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

JU RHYTHM BEATS OF IMAGINATION (02-04th MARCH 2017)

An occasion is incomplete without the inauguration and blessings of the mentors. With the blessed hands of Mr. Vineet Agarwal- Director of Finance and the dignitaries the ribboncuttingceremonywasaccomplished. The commencement gave a phenomenal start to DAY-1 of cultural fest and just after that the book of rhythm was full of exciting events like Gokart, Roadies, Standup comedy, LAN Gaming and many more to add. The sleepless nights of the decoration team astonished the spectators by exhibiting the prowesssoftheirart.Let your soul stand ajar, ready to welcome the ecstatic experience of the ultra-exciting techno-cultural-business fest JU RHYTHM 2k17.



Aero-modeling

JECRC University organized aero modeling event in JU Rhythm held on 2nd and 3rd March 2017. Mr B. S. Jha was the convener of the event, Mr. Sandeep Gupta and Mr. Akash Talwariya were the faculty coordinator. 14 teams from different reputed universities all across India participated in this event.



SKIT

JECRC University organized a skit event during our annual fest JU RHYTHM Beats of Imagination, various colleges participated in this event held on 02nd -March-2017.



RC CAR

JECRC University organized a RC CAR a technical event during our annual fest JU RHYTHM Beats of Imagination, various colleges participated in this event held during 02nd to 03rd - March-2017. In this event remote controlled cars participated in the race.



Robosoccer

JECRC University organized a ROBO SOCCER a technical event during our annual fest JU RHYTHM Beats of Imagination, various colleges participated in this event held on 03rd - March-2017.



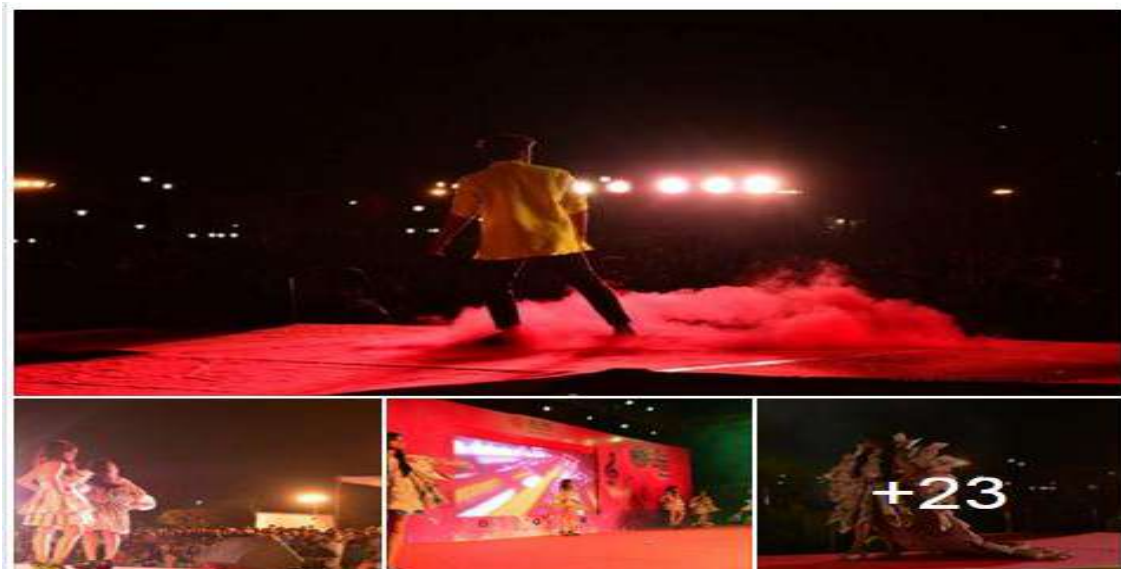
Roadies

JECRC University organized a Roadies event during our annual fest JU RHYTHM Beats of Imagination, various colleges participated in this event held from 02nd to 04th - March-2017



Fashion show

JECRC University organized a fashion show event during our annual fest JU RHYTHM Beats of Imagination, students from various colleges took participation in this event held on 4th - March-2017



DJ WAR

JECRC University organized a DJ WAR event during our annual fest JU RHYTHM Beats of Imagination, various colleges participated in this event held on 04th - March-2017



Group Dance

JECRC University organized a GROUP DANCE event during our annual fest JU RHYTHM Beats of Imagination, students of various colleges took part in this event held on 03rd - March-2017



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)

JU TECHNOLOGY INCUBATION & ENTREPRENEURSHIP DEVELOPMENT CENTRE

The offshoot of research is the formation of Technology Incubation and Entrepreneurship Development Centre. The center's ambitious initiative is to attract students to develop their entrepreneurship. 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, horticulture 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 Services. 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 program 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 SPOKEN TUTORIAL PROJECT

JECRC University has associated with IIT Bombay for Super Resource Center for Spoken Tutorial Project. The Spoken Tutorial project is the initiative of the 'Talk to a Teacher' activity of the National Mission on Education through Information and Communication Technology (ICT), launched by the Ministry of Human Resources and Development, Government of India.

The use of spoken tutorials to popularize software development and its use will be coordinated through this website. The Spoken Tutorial project is being developed by IIT Bombay for MHRD, Government of India.

Spoken Tutorial Forums is a friendly online discussion forum. The programme is held under the aegis of the Union human resource development ministry and aimed at promoting learning and usage of Free and Open Source Software (FOSS). Courses in C, C++, Java, Python, MySQL, PHP, Linux and Netbeans are available. The programme also offers courses in LibreOffice (for office work), SciLab for scientific calculations, GIMP (for graphical design) and Oscad (for electronic circuit design).

SEO- Ascend, BASH, Blender, C and C++, Advanced C, Advanced C++, Firefox, GChemPaint, GeoGebra, GIMP, Inkscape, Java and Netbeans, Java Business Application, Jmol Application, KTurtle, LaTeX & XFig, Libre Office Suite, Linux & Ubuntu, BOSS Linux, Open FOAM, Oscad- now Free EDA, Perl, PHP & MySQL, Python, QCAD, Scilab, Ruby, Typing Software, KTouch, Tux Typing, Utility software/application, K3B, Thunderbird, Screen-reading software for the Visually Impaired, Orca.

CENTRE FOR LANGUAGE STUDIES

Centre for Language studies opens the window for the students to learn foreign languages. In today's globalized 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

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 programs which are need based and relevant to the corporate requirements. These programs meet the dynamic demands of the

knowledge society by providing right kind of human resources specific to industry. The programs are designed to create industry ready professionals equipped with a component skill set, knowledge and attitude.

The Centre has tied up with Microsoft, KPMG, CADD Centre, ICHIEVE etc. to ensure skill development training to the students enrolled in the University in various programmes.

GLOBAL OUTREACH PROGRAMS

Higher education to solve the toughest challenges the world is facing today, requires a global approach that can address the issues pertaining to scientific discovery and encourage a mechanism to work collaboratively to produce the maximum output of the educational and training efforts by the universities. Recognizing the need for international collaboration, the JECRC University establishes a Global Outreach Cell comprising of the experienced and internationally recognized academicians dedicated to meet the global challenges and to work in collaboration so as to effectively train the future scientists and engineers of the nation.

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

Objective of JU GOC:

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

a). Long-term objectives:

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

b). JU's approach to develop a global alliance:

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

Strategic planning:

Students exchange for summer internships, master thesis, and faculty visits for working on projects, joint research grants (DST-NSF) are the areas of focus at JU. The GOC at JU is working to identify the mutually beneficial opportunities for the faculty and students and the host

Work plan:

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

1. University of Alabama
2. ~~Neuro-Gastroenterology and Motility Unit, Sultan Dr. Abdur Razzaq Khan Hospital, Islamabad, Pakistan~~ Dr. Gupta is currently working with JECRC University faculty members across all the disciplines to set up collaborations with foreign universities in terms of faculty visits, fellowships and developing joint academic curriculum.

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

Planned Library:

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

Five year plan for Global Outreach:

• Organize the visits of embassy/consulate staff from Delhi

In near future the cell plans to invite the respective country's consulate personnel to visit the JU campus on important occasions to showcase the excellent academic environment at JU and to provide the ambassadors an opportunity to get a feel about JU's mission of academic excellence and the relevance to solve the toughest global problems such as environment, energy through the scientific discovery and global co-operation between India and the different countries. The consulate staff would really like to get a feel about the City of Jaipur and the JU academic atmosphere so as to bring JU closer to the respective countries in bilateral exchange of faculty and students.

• Visiting professorship program

Currently DAAD sponsors visiting professor fellowships and US State Department, the Nehru-Fulbright fellowships for deserving qualified faculty members to visit Germany and the United States for conducting advanced research at the host University's laboratories. JU should plan to prepare the potential faculty members for these prestigious fellowships. The successful completion of these fellowships by the faculty members will empower them to help JU students to come closer to the institutes of higher learning abroad and will likely to promote the teaching and research excellence at JU.

JU INDUSTRIAL RELATIONS AND CONSULTANCY CELL

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

E-SUMMIT

A group of 23 students went to IIT Bombay for E-Summit from 30-31 January 2016. Students participated in various activities organised by E-Cell of IIT 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 declaring as a Winner in event name "INVESTOR'S Dilemma".
- We got Best Contingent Leader award and awarded IIT Bombay Merchandise T-Shirt.

CENTER FOR APPS AND IDEAS

One of the recent laudable initiatives of JECRC University is the "Center for Apps and Ideas". The initiative aims to provide training to students in various technical fields which shall ensure that they maintain a competitive edge over their professional counterparts. The first program under this initiative is "Android Application Development" training which kicked off at JECRC University on September 10, 2015. The program involves a professional trainer training 25 students, who were selected on the basis of a written test. Modus Operandi: The first phase of the training involved 10 hours of Java training to ensure all the trainees have a strong base for Android App Development. This phase was followed by basics of Android. The next phase of 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.

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 costing. 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.

STUDENT EXCHANGE PROGRAMS

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 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.

JU KNOWLEDGE PARTNER & FOREGIN TIE-UPS

Collaboration with University of Alabama

Towards enhancing and enriching the academic, technical and cultural exposure of the JU students, JECRC Foundation has collaborated with University of Alabama, one of the leading Universities in the United States of America. The MoU for the agreement has been signed between the JECRC Foundation and The University of Alabama in Jaipur in December 2011.

The Collaboration

The MoU establishes a formal association for the purpose of enhancing relationship between the two through promotion and development of collaborative research programs, academic and cultural exchange programs and other cooperative activities and assistance in area of mutual interest and benefit.

These include the following:

Exchange of academic staff and researchers Exchange of students

Collaborative research

Exchange of information, advice and assistance relating to area of mutual interest including, but not limited to, research activities, obtaining grants and funding, technology transfer and research commercialization, development of educational and training curricular and programs, and long-range planning and institutional development.

Development, organization and hosting of joint academic and cultural symposia, conferences, workshops and meetings. Other activities of mutual benefit JECRC will also house India

Secretariat of the University of Alabama. With these vistas in mind JECRC University looks forward to collaborating with other world leaders like UA, who are eager to associate with best universities in India for collaborative excellence in the areas of research and academic and cultural exchange.

The University of Alabama



The University of Alabama (UA), based in Alabama in USA, was founded in 1831 as Alabama's first public college. With more than 58,000 students, The UA System is Alabama's largest higher education enterprise and includes three outstanding doctoral research universities: The University of Alabama (UA), The University of Alabama at Birmingham (UAB) and The University of Alabama in Huntsville (UA Huntsville).

UA offers education programs in many disciplines including arts, sciences, business, communication, education, engineering, human environmental sciences, law, nursing and social work. UA has ranked among the top 50 public universities in U.S. News and World Report's annual college rankings for more than a decade.

KPMG

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 the KPMG Values. It sets out the commitments they make 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 and Abroad Defence, Education, Energy & Natural Resources, Financial Services, Government and Public Sector, Healthcare, IT-BPO, 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.

ICHIEVE

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. ICHIEVE Education delivers Education-Coaching-Employability excellence solutions including General Employability Programs, Brand-U Development, Organizational Excellence Skill Development, High Impact Communication Skill Development, Practical Creativity and Problem Solving Skill Development, Basic (Verbal, Quantitative and Logical) Aptitude Development, Resume Writing and Personal Interview Skill Development, Specialized Employability Programs, Media-Communication-Marketing, Specialization, Retailing-Distribution-Logistics Specialization. ICHIEVE Media delivers Media-Communication-Marketing excellence solutions.

Corporate Communication Content

Marketing Communication Content, targeting customers and partners, Education Communication Content, targeting employees, partners and customers

News and Entertainment Content

Documentary Content Fictional Narrative Content

Other Communication Content

Social Campaign Content
Election Campaign Content

Scope of Co-operation:

ICHIEVE Experts conduct Class Room and Lab delivery for Media Courses as part of MBA curriculum.

T.I.M.E.

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 IIT/IIM 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.

BOSCH

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 end to end engineering and technology solutions.

The Bosch Group operates in India through six companies, viz, Bosch Limited, Bosch Chassis Systems India Limited, Bosch Rexroth India Limited, Robert Bosch Engineering and Business Solutions Limited, Bosch Automotive Electronics India Pvt Ltd, Bosch Electrical Drives India Pvt Ltd. In India, Bosch set up its manufacturing operation in 1953, which has grown over the years to include 10 manufacturing sites and 7 development and application centers Bosch Group in India employs over 26,000 associates. In India it generated consolidated revenue of nearly Rs 13,200 crores in 2013.

In India Bosch Limited is the flagship company of the Bosch Group. It earned revenue of over Rs 8400 crores in 2012.

Scope of Co-operation:

JECRC University conducts qualification improvement programmes for BOSCH employees and the BOSCH extends their facilities for training, industrial visit etc. of students and faculty of the University apart from campus placements.

Tata Consultancy Services Limited (TCS)

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 the 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.

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 (\$20.8 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

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 chipsets, 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.

Tennessee Technological University USA

Tennessee Technological University, popularly known as Tennessee Tech, is an accredited public university located in Cookeville, Tennessee, US, a city approximately 70 miles (110 km) east of Nashville. It was formerly known as Tennessee Polytechnic Institute (1915), and before that as University of Dixie, the name under which it was founded as a private institution in 1909. It places special emphasis on undergraduate education in fields related to engineering and technology, although degrees in education, liberal arts, agriculture, nursing, and other fields of study can be pursued as well. Additionally, there are graduate offerings in engineering, education, business, and the liberal arts. It is operated by the Tennessee Board of Regents, and its athletic teams compete in the Ohio Valley Conference.

Scope of Co-operation:

Faculty and student exchange, credit transfers, joint research etc.

CADD Centre

CADD Centre Training Services is the training arm of 25 year old CADD Centre Group, head quartered at Chennai, India. It has a network of over 250 plus training centers in major cities and towns across India, Sri-Lanka, Bangladesh, Malaysia, Singapore, Bahrain, Qatar, Oman, Nigeria, Dubai, Sharjah, and Maldives. They provide industry relevant courses that are constantly updated with industry inputs on CAD, CAE: Computer-aided engineering, Graphics and Project Management. This organization provides CAD Training, CAD Software sales, full scale monochrome and color scanners, A0 LED printers, document management and software development. Till 2009 CADD Centre trained about 5,00,000 professionals from diverse engineering, graphic and management backgrounds. Students are now employed in key positions in large and small companies in more than 40 countries. They are preferred training partner for more than 3500 corporate houses in India and abroad.

Scope of Co-operation:

CADD Centre trains B. Tech. Student for CAD / CAM Courses as part of the curriculum.

CADD Centre**Microsoft windows**

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.