

Electrical Engineering Department

JECRC, Jaipur



TESLA
8/17

What's Inside....

??

1. Director's message
2. Principal's message
3. HOD's message
4. Vision, Mission of Institute
5. Vision, Mission of Department
6. Program Outcomes
7. Preplacement Training
8. Alumini Interaction Program
9. Induction Day
10. Automation Workshop
11. Achievements
12. Editorial Board

Director
JECRC, Jaipur



Message

The JECRC Foundation 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.

The JECRC Foundation, now 18 years old, has established itself as one of the leading self-financed colleges in Northern India. This has been primarily due to the large significance that the college puts on the teaching learning process.

The focused areas at JECRC now, apart from teaching learning and placement would be research and development, entrepreneurship and outreach. We also strive to help our students in maintaining and spreading the rich Indian culture and lead the world as our country has done in the past. As you move ahead and rise higher in your life, you must entrench yourself in this unique realm that our culture endows us.

I wish to convey my greetings to all our Alumni and wish each one of them all success in their personal and professional lives.

Best Wishes

Mr. Arpit Agrawal
Director
JECRC, Jaipur

Principal
JECRC, Jaipur



Messa

A desire can change nothing, a destination can change something but a determination can change everything. Life is a set of problems, an engineer has to solve the problems in their domain areas with strong innovative ideas and scientific knowledge. Your commitment to become an engineer by denoting your journey in Jaipur Engineering College and Research Center will be fruitful and enjoyable in every aspect, the experience you gain from here and the moments you spend here.

Best Wishes

Dr. V. K. Chandna
Principal
JECRC, Jaipur

HOD (EE)
JECRC, Jaipur



Messa

Nikola Tesla, the well known Serbian- American electrical engineer is quoted as saying "Electrical sources has revealed to us the true nature of light has provided us with innumerate appliances and instruments of precision and has thereby vastly added to the exactness of our knowledge". His words portray the immensely wide and dynamically changing and ever developing world of electrical engineering open to electrical engineer.

It is a great pleasure to see the July-August, 2017 issue of EE newsletter "**Tesla 08/17**". The department has well qualified staff with expertise in Power Systems, Control Systems, Power Electronics and Drives, Electrical Machines and Renewable Energy System assisted by skilled supporting staff. I would like to thank my existing team for their commitment and hard work. The department seeks to combine excellence in education and research. The core values of the department help the students to develop the students their overall personality and made them worthy technocrat to compete and work at global level. Our department has been conducting hands on workshop/seminar/training program since its beginning to keep the faculty and students to enhance the knowledge in their domain. Our mission includes a commitment to prepare students for professional and research activities with an ability to learn independently. I wish you all a successful, long-lived, engineering-based career path.

Best Wishes

Dr. Sandeep Vyas
HOD, Electrical Engineering

JECRC, Jaipur

Vision of the Institute

To become a renowned centre of outcome based learning, work towards academic, professional, cultural and social enrichment of lives and communities .

Mission of the Institute

- Focus on evaluation of learning outcomes and motivate student to inculcate research aptitude by project based learning.
- Identify, based on informed perception of Indian, regional and global needs, the areas of focus and provide platform to gain knowledge and solution.
- Offer opportunities for interaction between academia and industry.
- Develop human potential to its fullest extent so that intellectually capable and imaginatively gifted leaders may emerge in the range of profession.

Vision of Department

To Emerge as a Centre of Excellence in teaching in the area of Electrical Engineering; to serve as a valuable resource for society by promoting excellence.

Mission of Department

M1: To provide professional and ethical guidance to the students to make them employable .

M2: To improve quality of education through different quality development programs for faculty and students .

M3: To encourage students to acquire practical knowledge through projects and participation in national and international events .

M4: To prepare our students for upcoming challenges of life through guidance for competitive examinations .

PROGRAM OUTCOMES

Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

Design/development of solutions: Design solutions for complex Engineering problems design system components and processes that meet the or specified needs with consideration for the public ~~and appropriate~~ safety and the cultural, social, and environmental considerations.

Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.

The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts and demonstrate the knowledge of and need for sustainable development.

Ethics: Apply ethical principles and commit to professional ethics, responsibilities and norms of the engineering practice.

Individual and team work: Function effectively as an individual and as a member or leader in diverse teams, and in multidisciplinary settings.

Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations and give and receive clear instructions.

Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PREPLACEMENT TRAINING

This session was devoted to the training provided by the college for fourth year students. In addition to the interview and group discussion practices, they are being given the aptitude classes as it's the most crucial and initial round of any of the company. The training is being held by "FACE" which is focusing on the logical, mathematical and reasoning parts from the placements point of view. The trainers being very cooperative, make the students comfortable to ask their doubts and attain skills to solve problems more efficiently.

We express a sincere thanks to the mentors Ms. Sonali Chadda, Ms. Suman Choudhary, Mr. Vishal Sharma, Mr. Shailendra Shrivastava, Mr. Manish pal, Mr. Vishnu Dutt Sharma and a special thanks to TPO Mr. L. senthil.



ALUMINI INTERACTION PROGRAM

JECRC, Jaipur organized a session on **Alumni Interaction Program**. This session is delivered by Mr. Shubham Khaitan, an alumni of 2017 batch, is joining IOCL. He addressed 7th semester electrical students on 29th July 2017 from 1:30 to 3:30 PM in BLG-13.

This session started with his brief introduction by Mr. Atul Kulshertha, HOD. Mr Shubham Khaitan shared his experience of being placed in IOCL, ONGC and IISC, Bangalore. The objective of this session was to provide guidance to final year students for their placements. He began his talk by telling students how to prepare for GATE.

He spoke about how to present oneself in the interview and in the organization. He then shared with the students about the interview of being good at technical skills along with soft skills and how they should present the project to the interviewer.



Mr. Shubham khaitan then explained the kind of question that students could ask the interviewer. He motivated the students to focus more on improving their technical skills. The session was very interactive. He then answered the various queries asked by the students about his performance in interview. About 100 students attended this session. The vote of thanks was proposed by Mr. Rahul Kumar Malee, faculty of EE department for having delivered an interactive and informative session.

INDUCTION DAY

It was unprecedented occasion for us as for the first time in the history of JECRC FOUNDATION, we hosted the chairman AICTE, Dr. Anil Sahasrabudhe at our campus. Accompanying him was the director, Dr. Manpreet Singh Manna and the occasion was the 18th induction ceremony of JECRC as we welcomed batch 2017-21. More than 1500 student, parents and faculties welcomed our dignitaries who spoke in length about changing landscape of technical education in our country. On this occasion, certificates were awarded to the meritorious students and awards were given to some of the teachers for recognizing their meritorious service.



AUTOMATION WORKSHOP

A workshop for fifth semester students was organised by **Techienest Pvt Ltd** of duration 4 Hours (9:30-2:30 pm) at Seminar hall (401), C-Block on 19th August, 2017. Faculty Co-ordinators were Mr. Rahul Kumar Malee, Mr. L.senthil, Mr. Gopal Tiwari.

The workshop was taken by Exceptionally Qualified and Professional Trainers involved in Research and Development. The workshop would scale up students CV/ Resume in Technical while boosting your Logical Abilities. It build up the Confidence in students for Technical rounds of Interview.



Experts discussed about the basic knowledge and various projects based on embedded and microcontroller, study material of same and motivate the students to make projects. It was a wonderful experience for students as well as staff. Every students as well as faculty was very cooperative. Students were acquainted of latest trends and practices in embedded and microcontroller system.

We are thankful to **Techienest Pvt Ltd** for giving their valuable time and knowledge for students in workshop session.

ACHIEVEMENTS

➤ *Placement*

- Kapil Bindal (4th year)
Placed at GRAPHIC INDIA, Mumbai
Job Profile : Graphic Designer
Package : 15 L PA



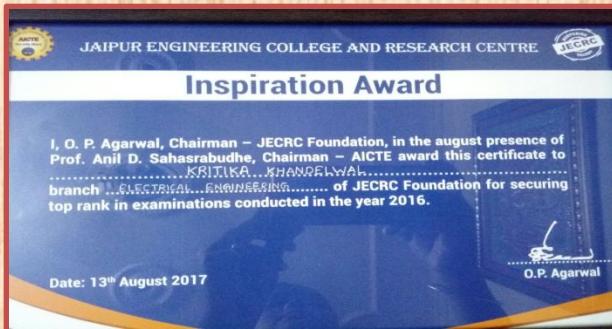
➤ *Start Up : Dial and Deal*

- Akash Soni (3rd year)
- Amit Singh (3rd year)
- Anirudh Singh (3rd year)



➤ Branch Toppers

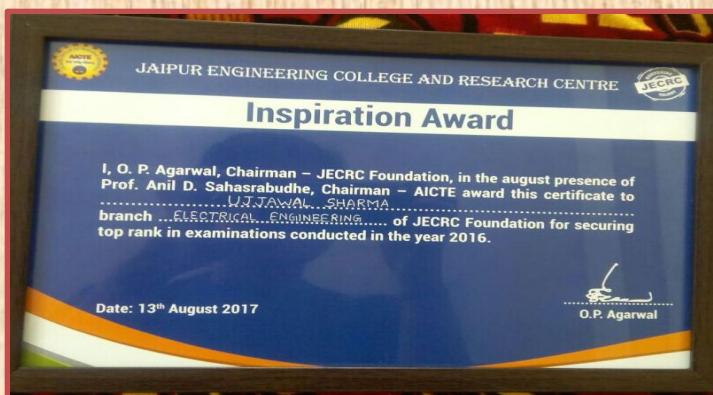
1. Ms. Kritika Khandelwal (4th year)



2. Ms. Sakshi Sharma (3rd year)



3. Ms. Ujjwal Sharma (3rd year)

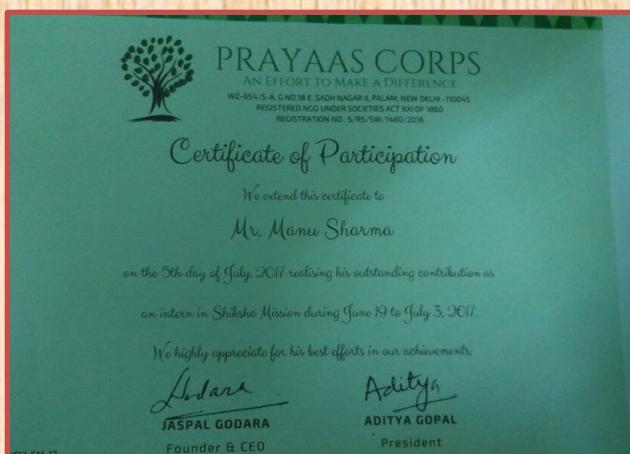


➤ Ms. Bharti Sharma (3rd year)
Content writer at talk journalism 2017, Jaipur



➤ Ms. Manu Sharma (3rd year)

- Awarded an appreciation certificate at NGO-PRAYAS for organizing cultural event, July 3, 2017.
- Appreciated and recognized at district level competition by yuva vikas prerak held at maharani college, Jaipur.



➤ Ms. Mridula Soni (3rd year)

Brand Manager at INTERNtheory.com. Also received LOR for this.

CA at ShAre World seminar at IIT Bombay, June 2017



EDITORIAL BOARD



Teacher Coordinator

- Ms. Ravita Saraswat



Student Coordinators

- Prakhar Joshi



- Bharti Sharma





▪ Sakshi Sharma
(3rd year)



▪ Akanksha Sinha
(3rd year)



▪ Manu Sharma
(3rd year)



▪ Mridula Soni
(3rd year)





▪Ujjwal Sharma
(2nd year)



▪ Shashwat Tripathi
(2nd year)



जैईसीआरसी में हुआ एंटी रेगिंग कमेटी एवं एंटी रेगिंग प्रकोष्ठ का गठन

जयपुर (कास)। सीतापुरा स्थित जैंसीरायरिंग कॉलेज में शुक्रवार को एंटी रेंगिं कमेटी और एंटी रेंगिं प्रकाश को गठन किया गया। अल्लाय अनुदान आयोग यूनिसी डॉ पर आधारित इस कमेटी ने यह तय किया गया है कि इस गत वर्षों की तरह ही अस्सी कॉलेज में जीसी प्रकार गई भी रेंगिं की शिक्षावाद दर्ज न पाय। इसके लिए कमेटी की ओर से सभी विद्यार्थीयों ने एस.डी.सी.विए. दौरान बताया कि कॉलेज प्रबन्धन की ओर से सुप्रीम कोर्ट के निर्देशानुसार सभी प्रकार की तैयारियां पूरी की जा चुकी हैं। एंटी रेंगिं कमेटियों को अस्सी कॉलेज के अदेश दिए जा चुके हैं और संस्था के कैटीन, टॉयलेट, हार्स्टर्ल एवं लायब्ररी जैसी जगहों पर खास तौर पर निरगारिकों के लिए एंटी रेंगिं प्रकाश को तैयार किया गया है। इस संबंध में सभी संबंद्ध व्यक्तियों की मीटिंग चेयरमैन ओ.पी.जैन की ओर से कॉलेज परिसर में रखी गई, जिसमें विज्ञापन विभाग द्वारा एस.डी.सी.विए. के लिए विज्ञापन दिया गया।

कार का तथारावा का पूरा कर लेवा याहै। कॉलेज की इस एंटीरैगिंग कमेटी द्वारा इस व्यवस्थन ऐसी तैयार की गयी है।

Page No. 7 Jul 29, 2017

