



The Mechanical News

MECHANICAL ENGINEERING DEPTT.

RENAISSANCE

The National level techno Cultural Fest of JECRC, Renaissance has made a niche for itself among all colleges in the region. It's the second largest fest of Rajasthan. It provides a versatile platform for all students to learn and explore the various dimensions of their personality and to showcase their talent. Renaissance also provides unmatched learning and exposure to the organizing team of students in the form of team work, pressure handling and product sale and promotion.



JECRC RENAISSANCE

**THE MOST TECH-
NOLOGICALLY
EFFICIENT
MACHINE THAT
MAN HAS EVER
INVENTED IS
THE BOOK.**
-NORTHROP FRYE

18 was inaugurated by Shri Arpit Agrawal, Director JECRC, Mr. Manish Jain, Deputy Director JECRC & Dr. V.K. Chandra Principal JECRC.

It was an interesting affair with the commencement of all Technical and Cultural events .

Mechanical Engineering De-



partment organized various technical events under Renaissance 18 to bring out various hidden talents in our budding engineers. The glimpses of which will be seen in pages ahead.





Fests and Fairs used to be the biggest attraction when we were kids. The aroma of cotton candy, the thrill of a merry-go-round. Everything attracted us in a way that can't be found in any other thing nowadays.

The Bal Mahotsav was an opportunity to bring back those memories. The event that sees an annual footfall of more than



2500 students allowed all to dive into the nostalgia of childhood. An extravaganza of food and games that were enjoyed by all kids.

The droplets of innocence once again drenched everyone at JECRC Foundation in 7th edition of 'Zarurat-Celebrating Innocence'.



We extend our heartiest gratitude towards our guests of honour, Ms. Sudha Varghese and Dr. S.B. Jhawar for gracing the occasion and making the day even more beautiful.

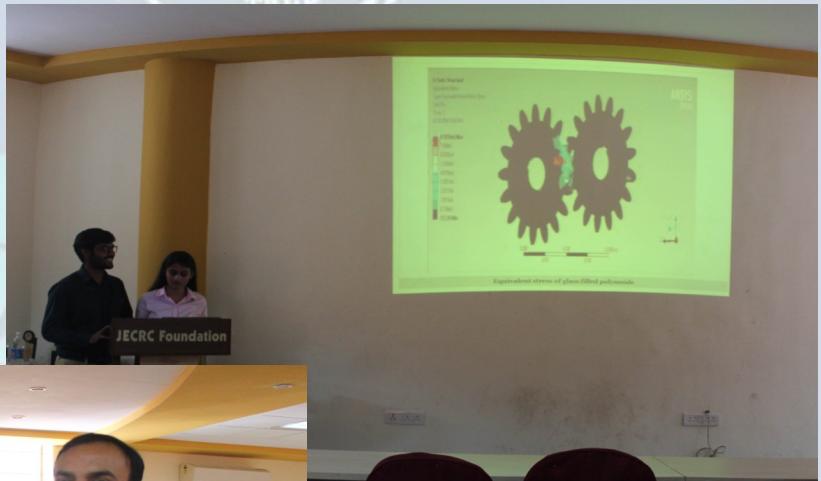




Mechanical Engineering Department

EMBRYO

This event aimed to tap the minds of budding mechanical engineers. The events was like a paper presentation in the symposium which helped students to think and



come up with innovative ideas, also enhancing the on stage skills of the students. The topic given to students for the event was "Recent Trends in Mechanical Engineering". At first stage abstracts were submitted by students and were scrutinized by Faculty Coordinators. The papers were judged on the basis of their innovation, in depth

knowledge of the field and presentation skills. The Faculty coordinators for the event were

Dr. Manish
Shrivastava



Dr. Bhuvnesh Bhardwaj
Mr. Nikhil Jain
Md. Inzamam-ul-haq



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CADD MANIA



This event was organized to examine the soft skills of students. In this event participant were challenged to design 3-D object on AutoCAD. The event was conducted into two parts. Quiz and 2D-drawing. The student who qualifies 1st stage was moved

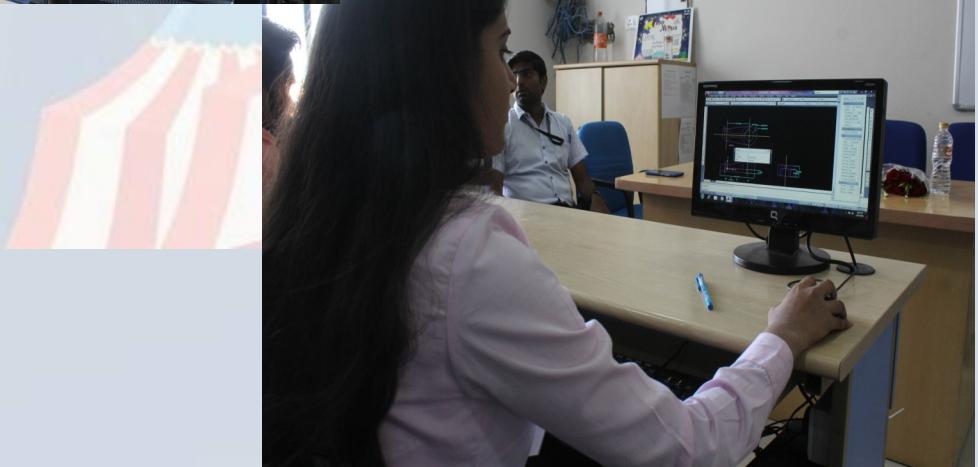
to the second stage. Contestants were given a 3D drawing and its all three views (F.V., T.V., and S.V.) were drawn with dimensions. Faculty Coordinators were



Mr. Lalit Kumar Sharma

Mr. Satyendra Kumar

Mr. Yogesh Dubey





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MIGHTY THROTTLE

This event was organized for RC Car racers. The participants were instructed to build a Remote Controlled IC engine powered car to traverse a race track in the minimum possible time. The time track was composed of several turns with increasing difficulty levels. The problem statement was to "Build a Remote Controlled IC engine powered car to traverse a race



track in the minimum possible time. The teams with the top best time to lap this track qualify for racing." Faculty Coordinators were

Mr. Akhil Vijay

Mr. Tej Bhadur Singh

Mr. Virendra kumar Panday





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FORK LIFTER

Fork lifter was about building a crane using wooden material suitable enough to place the given weights on a platform using only hydraulic mechanism.

In First round points were given to each crane on the basis of maximum weight it can lift for 5 sec. Points of this round were added in the final score. In second round



teams were given a task to perform, the task was of picking up blocks and placing them on the specified location. The qualified teams reach the final and in final round selected teams will have to build a building with blocks in given time. Points were given on basis of height and stability of building. Faculty Coordinators were
Mr. Satya Prakash Saini
Mr. Abhishek Kumar
Mr. Manmohan Siddh





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PROPELLO

Propello was an event of making propulsion device with the use of compressed air. Material for construction was provided on the spot. Participants constructed the device within time limits. Propulsion rocket were powered with the help of pressurized water. Judging was done on the basis of time of flight, distance of path covered and trajectory of the device. Faculty Coordinators were

Mr. Ravi Yadav
Mr. Nitin Chhabra Jain
Mr. Dilip Prajapati





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CUT 2 DESIGN

Cut2design has the main motto to understand the Machine Drawing . In this regard, we have enclosed this event with 2 rounds. First round is for checking the theoretical knowledge about Machine drawing basics. Then after second



round about making three dimensional object of given 2D view. Faculty Coordinators were

Mr. Rajendra Kumar Gupta

Mr. Gaurav Jain

Ms. Palak Jindal





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R-MECH OLYMPIAD

A real test of engineering aptitude for the Mechanical Engineering students. The event was for JECRC students only. In first round 50 Basic Mechanical Engineering questions were answered in 60 minutes. Students who qualified first round were



eligible for second round. Faculty Coordinators were
Mr. Vipin Goyal
Mr. Akhilesh Paliwal
Mr. Hukum Chand Nagar
Mr. Rohit Goyal





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BRAIN QUEST

A test of knowledge, exclusively in Mechanical Engineering discipline as a competition between Individuals and Teams as a form of awareness. It was comprised of different round question answer round, Dumb Charades round and last was the Buzzer round. Faculty co-ordinators were



Mr. Vipin Goyal
Mr. Akhilesh Paliwal
Mr. Hukum Chand Nagar
Mr. Rohit Goyal





JECRC was privileged enough to host SMART INDIA HACKATHON 2018 for the second year in a row. All the participants were excited at the time for the inauguration of the world's biggest Hackathon event, in JECRC campus Jaipur. All the dignitaries were also present to motivate the students.

The ceremony was witnessed by our esteemed chief guest Prof. A. P. Mittal, Member Secretary AICTE who motivated the participants to give their best shot. Honourable Minister Shri Prakash Javadekar addresses all the participants across the nation and declares the Smart India Hackathon 2018 ON!

Smart India Hackathon is the world's biggest digital innovation model of Govt. of India. We extend our heartfelt gratitude to Shri Prakash Javadekar, Ministry of Human Resource Development, Government of India for giving wings to the "Digital India" dream of honorable Prime Minister of India, Shri Narendra Modi. Our esteemed guest for the Valedictory Ceremony Col. Rajyavardhan Rathore's of Smart India Hackathon 2018 gave his remarkable presence by showering blessings on the participants and wishing them luck for their near future. He said, nowadays Information Technology reaches every field of today's scenario. Col. Rajyavardhan Rathore's gives a message "Necessity is the mother of invention." to all. He appreciated every single participant of SIH2018 and made them realize that winning is not important, instead coming out of the comfort zone and taking up real life problems is. At last, he proudly exclaimed, "India is in safe hands!"

Adding to this, the work by the student volunteers at JECRC was highly embraced by all. The collective efforts of all the members is the driving force for SIH 2018 to be a huge success! It was indeed a memorable experience for all of us.

The government of India gave the responsibility of hosting the biggest innovation model to JECRC for the second time in a row. JECRC remained in the limelight for the entire event SIH2018. Various leading newspapers covered the event. JECRC would like to thank all the print media for the great coverage of World's Biggest Hackathon. The Mega event SmartIndiaHackathon2018 was a huge success. JECRC is highly obliged by the immense support of all the judges and faculty leaders for their encouragement and resolute assistance to all the dedicated participants throughout the event



