



JIET COLLEGE OF ENGINEERING

IMPULSE

B. Tech. (Dept. of Electrical and Electronics Engineering (EEE))
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JIET

Group of Institutions

www.jietjodhpur.ac.in

MESSAGE



It is matter of great honor for Dept. of EEE to bring out another issue of "IMPULSE", a mirror which reflects the clear picture of all sorts of activities - curricular as well as extra-curricular, undertaken by the department.

The wide-spectrum of articles in different sections gives me a sense of pride that our students and teachers possess creative potential and original thinking in ample measures. I would like to congratulate the team that took the responsibility for the arduous task most effectively.

Ms. Pooja Mathur
(Associate Professor & HOD, EEE)



FACULTY DEVELOPMENT PROGRAMME, 2016-17

- Expert lectures by eminent faculty members of JIET group of institutions were quite interactive which has enhanced the subject knowledge of the faculty members.
- The complete process for NBA Accreditation was also discussed, which was probably a new idea for the department. Some new inter-disciplinary topics were covered and their applications were discussed. This process provided a new platform for interaction between faculty members of electronics and electrical stream.
- The complete process for NBA Accreditation was also discussed by Prof. J. R. Sharma, which was probably a new idea for the department.
- More emphasis was put on lab sessions. A good number of lectures were focused on lab work and problems and their solutions in labs. Open source software benefits were also discussed.
- Each and every faculty member gained knowledge about their stream and also learned the basics of other streams.
- Each and every faculty member gave the knowledge about their stream and also discussed the JEM booklet question of their subject.
- Faculty member visited the indoor substation of JIET and learnt the process of supply transmission and controlling of the substation.
- As per the guidelines, more emphasis was given on Lab sessions.
- 3-days Workshops on Embedded system and PLC SCADA were conducted for all the faculty members of the department and were appreciated by all.



ORIENTATION PROGRAMME FOR 3RD, 5TH AND 7TH SEMESTERS (28.07.2016-03.08.2016):

- An Orientation Program was held for the respective semesters on the first day of academic session 2016-17 which was aimed at giving a brief introduction of what that year is going to be about. Dignitaries shared their experiences and words of wisdom with the students and motivated them to work hard. They advised the final year students to take their major projects very seriously as that would be a prime factor in the campus placements. That would be a prime factor in the campus placements.

OPEN HOUSE 2016

- Open House was conducted on the theme of Engineers day. The department displayed 24 Working Models, 08 Non-working Models and 20 Charts.

The major attraction are:

Working Model	Pulse Width Modulation to control the speed of
	2. Hover craft
	3. Alcohol Detector with Vehicle Control motor
	4. Electricity generation using soil
	5. Smart irrigation system
	6. Inter-conversion of energy
	7. Home Automation
Non Working Model	1. Aeronautics
	2. Solar city
	3. Ujjwal
Charts	1. Armature reaction
	2. Electric energy
	3. Maglev

TECHNICAL STALL :

- Wire Loop Game : which involves guiding a metal loop, from starting to end point along the serpentine length of the wire without actually touching the loop to the wire. It is a hand-eye coordination game.
- Pictorial identification of historical places, scientists, renowned engineers working in non-technical fields.
- Identification of various products with the help of commercial taglines/brand names.

EXPERT LECTURE:

- Mr. Vinit Mehta delivered an expert lecture on "Heating and Cooling Curve" for VII semester on August 31, 2016.
- Mr. Rajiv Vyas delivered an expert lecture on "Introduction to SCR" for V semester on August 31, 2016.
- Prof. Sanjay B.C. Gaur delivered an expert lecture on "Introduction to sampling" for VII semester on Sep. 24, 2016.
- Mr. Kapil Dave delivered an expert lecture on "Minimization technique" for III sem students on October 6, 2016.
- Mr. Vinit Mehta delivered an expert lecture on "Inductance by GMD method" for V sem students on October 14, 2016.
- Prof. Sanjay B.C. Gaur delivered an expert lecture on "Filter design technique" for VII sem students on October 21, 2016.
- Prof.(Dr.) Sandip Mehta delivered an expert lecture on "Voltage Buildup" for III sem students on November 4, 2016.

ACADEMIC RESULTS :

IV Semester (2018) 69.57%			VI Semester (2017) 82.42%		
S. No.	Name of Student	Percentage	S. No.	Name of Student	Percentage
1.	Sanju Singh Bhati	89.00	1.	Anushri Gaur	84.40
2.	Khushboo Ramawat	88.70	2.	Astha Srivastava	81.60
3.	Shilpa Dandwani	87.80	3.	Saroj Sirvi	81.30

VIII Semester (2016) 95.33%		
S. No.	Name of Student	Percentage
1.	Avni Parakh	86.80
2.	Dhara Dave	86.80
3.	Divya	85.50

FACULTY ACHIEVEMENT:

- Prof. Purneshwari Varshney attending 3 Day's Faculty Development Programme on Networking Simulation & Related Technologies using NetSIM software with DELLSOFT Technologies Pvr. Ltd. From 12th to 14th Oct., 2016

STUDENTS' ACCOMPLISHMENT:

- Ankita Vaishnav, Vishakha Rajpurohit and Kritika students of V semester, participated in Yoga Days at June 21, 2016.
- Pallavi and Kamlesh Bairwa students of V Semester, participated in Cognizence techno management fest at IIT Roorki.
- NCC cadet of V semester Pallavi, Ankita Vaishnav, Kritika Sharma, Amisha Sagar participated in Marathon "Run for Nation" on July 17, 2016.
- Six students Pallavi, Ankita Vaishnav, Kritika Sharma, Shilpa Dandwani, Sonu Soni and Pooja Mathur student of V semester have attend a short training program at Rajasthan Rajya Vidhyut Prasaran Nigam Ltd.
- Certificate of appreciation from IIT, Kharagpur was given for being the college Representative in technomanagement fest "KSHITIJ" to Pallavi.
- Anurshi Bhatia win the second prize in the sport event Basket ball held at IIT Jodhpur.
- Pooja Mutha, Neha Vyas, Megha Gehlot, Poonam, Raveena Bishnoi and Arti students of VII semester visit the indoor GSS of MBM College.
- Anushri Gaur, Pallavi, Mansi Sirvee, Ankita Vaishnav, Morna Sharma, Amisha Sagar, Suman Dudi, Vishakha Bhati received NCC 'B Certificate' from director general Er. Navneet Agarwal and campus director Prof. (Dr) K.R Chowdhary.
- Anushri Gaur received NCC 'C Certificate' from director general Er. Navneet Agarwal and campus director Prof. (Dr) K.R Chowdhary.
- Bhawana Acharya received NCC 'C Certificate' from director general Er. Navneet Agarwal and campus director Prof. (Dr) K.R Chowdhary.
- Diksha Lohiya, Shilpa Dandwani and Pratiksha Gehlot, students of V semester have got selected for scholarship in internship & training in the field of SAP by the company Tactilesense Technologies Pvt. Ltd. , Jodhpur.
- Students from 3rd year Pallavi, Mansi Sirvee, Ankita Vaishnav, Morna Sharma, Amisha Sagar,

Suman Dudi, Vishakha Bhati ; in order to join nation in the race to make India a better place(Swach Bharat abhiyan held on 13 august 2016) NCC Cadets in their sincere attempt participated in cleaning the college premises and Poster making competition.

- Bhawana Acharya join nation in the race to make India a better place (Swach Bharat abhiyan) held on 13 august 2016 at JIET.
- Students from 2nd year Ruchi, Shireen Khan; in order to join nation in the race to make India a better place (Swach Bharat abhiyan held on 13 august 2016) NCC Cadets in their sincere attempt participated in cleaning the college premises and Poster making competition.
- Chandrika Harsh, Karishma Tak and Nikita Vyas participated in Essay Competition conducted by Sahaj Marg System of Raja Yoga Meditation and Karishma Tak selected for District level competition.
- Ankita Vaishnav, Pallavi, Shilpa Dandwani, Sonu Soni, Pooja Mathur and Kritika Sharma, students of V semester undertook practical training at 132kV GSS, Rajasthan

MEMBERSHIP OF PROFESSIONAL BODIES

- 33 students of IV sem have become members of The Institution of Engineers(India) IEI Amisha Sagar, Anisha Vyas, Anita Parihar, Anjali Rakhi, Ankita Vaishnav, Anshu Lakhawat, Divya Parmar, Kamlesh Bairwa, Kavita Choudhary, Koushalya, Kritika Sharma, Mansi Sirvee, Mansi Trivedi, Morna Sharma, Muskan Khanchandani, Muskan Purohit, Neha Sharma, Pallavi, Payal Joshi, Pooja Mathur, Pratiksha Gehlot, Priyanka Mehra, Ritu Kalla, Ruchika Tanwar, Sanju Singh Bhati, Seema Bishnoi, Shivani Paroda, Takshila Bugaliya, Tarika Mathur, Vidhya Punwani, Vinita Bohra, Vaishali Siddawat.
- 18 students of III year have become IEEE members and formed Student Branch.



STUDENTS' PLACEMENT:

INFOSYS



Shreya Bhatia

UNIVERSAL HUNT



Astha Srivastava



Anurshi Bhatia



Khushbu Dave



Pooja Bohra



Sangeeta

CAPGEMINI



Neha Purohit



Anushri Gaur



Shreya Bhatia

RESULT

Team Work



PATRON

Prof. (Dr.) K.R. Chowdhary
(Director, JIETCOE)



CHIEF EDITOR

Mr. Kapil Dave
(Asst. Prof., ECE Dept.)



FACULTY CO-ORDINATOR

Mr. Ramesh
(Asst. Prof., EEE Dept.)



JAS MEMBER

Er. Preeti Kumari



DESIGN & LAYOUT

Mr. Anil Chandora (Admin)



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