

E- Newsletter

DEPARTMENT OF ELECTRICAL ENGINEERING

JANUARY-MARCH 2020 | Volume 4, NO 1

VISIT US: <http://mitsgwalior.in/department.php?id=ee#NL>

Vision

“To Prepare Professionally

Competent Electrical Engineers for

Global Industrial requirements and

societal needs”



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MISSION

- *Impart state-of-the-art technical education at UG, PG and Ph.D. levels through good academic support & facilities. (Academic Development)*
- *Keep pace with latest technological developments in the domain. (R&D Activities)*
- *Effective interactions with industries, academia and other stakeholders. (Industrial & Societal needs)*
- *Provide training on soft skills, managerial skills and professional ethics for overall development of students and society in an ethical manner. (Human Potential Development)*

Programme Educational Objectives (PEOs)

PEO-I

Graduates of the program will have successful technical and professional career

PEO-II

Graduates of the program will continue to learn and adapt in a world of constantly evolving technology

PEO-III

Graduates of the program will be able to apply, analyze, design and develop products and solutions for real life Electrical Engineering problems.

PEO-IV

Graduates of the program will be able to manage projects catering to current societal and industrial needs in an ethical manner as a members/leaders of multidisciplinary teams

NEWSLETTER TEAM MEMBER

Advisor – Dr. S. Wadhvani

Faculty Member-Prof.Shweta Kumari, Prof.Aprajita Kumari, Prof. Shailendra Pratap Prof Bhavna Rathore, Prof Vishal Chaudhary, Dr Vikram.

Student member-Mr.Abhinav Singh Tomar , B.Tech Third Year, EED,Mr. Ritik Gupta, B.Tech Second Year, EED

FACULTY OUTREACHED

- **Prof. Tarun Srivastva** has participated in NASSCOM training programme conducted by IIT BOMBAY on Internet of things from 24th feb to 28th feb 2020
- **Prof. Punjan Dohare** has participated in NASSCOM training programme conducted by IIT Madras on Robotics and Automation from 18th feb to 28th feb 2020
- **Prof. Manoj Kumar** has participated in NASSCOM training programme conducted by IIT Guwahati on Robotics and Automation from 3rd march to 13th march 2020
- **Dr. Vijay Bhuria** has attended short term course on “Robotics and Automation” from 3rd march to 13th march 2020 at IIT Delhi.



ACADEMIC ACTIVITIES

- **Debate Activity on “Is online study more effective than traditional”** A debate activity on the topic of “Is online study more effective than traditional” was organized by the department on 20th Feb 2020(3.00 pm-4.00 pm). **Prof. Vishal Chaudhary** was the faculty coordinators for the activity. No. of participants were 20 and the Judges for the Debate Activity were **Prof. Shweta Kumari** Assistant Professor, Electrical Engineering Department, MITS Gwalior.
- An **expert talk** was organized by Electrical Engineering Department for the third year students on 29.02.2020. Ashutosh Chincholikar was invited to deliver the expert talk on “Industrial Automation”. Total 90 students from third year have attended the expert talk



ACADEMIC ACTIVITIES

- A **expert talk** was organized by Electrical Engineering Department for the third year and second year students on 05.03.2020. **Er. Satvinder singh Mann BEE (Bauru of energy efficiency)** accredited Energy auditor was invited to deliver the expert talk on “**Energy efficient design of electrical installations**”. Total 75 students from second and third year were participated in the expert talk
- A **Motivational lecture** was organized by electrical engineering department for faculty and students **Dr. D K Chaturvedi** was invited from DEI-Agra was invited for this lecture. He has delivered his motivational lecture on **Importance and application of virtual lab** in today teaching learning process. 15 faculty member of Electrical Engineering Department and 10 students from third year have attended the motivational lecture.
- An **industrial visit** was organized by Electrical engineering department for the students of third year. The students are taken to the **NPTI Shivpuri** on 28.02.2020. 75 students are selected for this industrial visit from third year. Engineers from the plant has discussed with the students about Simulation of 800MW thermal and 200 MW hydro power plant and fault diagnosis of power plant.





ACADEMIC ACTIVITIES

- In Electrical Engineering department, **workshop** was organized on 29/02/2020 for faculty members on the topic of **Innovative And Interactive Teaching Learning Practices in Electrical Engineering Department** ,In this workshop Prof.G.K.Naveen Kumar, Prof. Praveen Bansal, Prof. Nipun gupta Prof. Manoj Kumar, Prof.Kuldeep Swarnkar, Prof. S.Rajput, Prof. S. Kulshreshta, and Dr.V.Bhuria from Electrical Engineering Department have presented their views and shared various experience on modern teaching methodology. All faculty member of electrical department attended the workshop and expressed their views and had discussed about the modern and innovative teaching learning process.
- **Paper presentation competition** has been conducted in Electrical Engineering Department for final year students on 29.02.2020.In this competition total 16 students had participated who has presented their review paper on their major project topic. **Prof. Shweta Kumari** was the coordinator of this competition



FINAL YEAR STUDENTS QUALIFIED IN GATE 2020

Abhishek Pratap Singh	0901CM161003
Prashant dubey	0901E161069
Abhishek soni	0901EE161004
Anand Thakre	0901EE161014
Ankit Khobragade	0901EE161016
Anshu Sahu	0901EE161019
Ashish Gupta	0901EE161025
Ashutosh Tripathi	0901EE161027
Ayush Tripathi	0901EE161032
Ayushi Gupta	0901EE161033
Deepak Singh	0901EE161038
Prabhat kumar shukla	0901EE16106t
Rahul Singh	0901EE161074
Sanjay Rathore	0901EE161094
Shivani Soni	0901EE161103
Subham patiya	0901EE161107
Suraj Kumar Singh	0901EE161113
Tarun Kumar Jha	0901EE161117
Vikrant singh tomar	0901ee161123
Sadbhawna	0901EE161088
Ramkrishna Ghogre	0901EE161078
Romil Agrawal	0901ee161083

PUBLICATIONS

- *Saini V., Dewan L. (2020) "Wiener System Identification Using Iterative Instrumental Variable Method" Learning and Optimization, vol 13. Springer, Cham.*