

Summer 18



**GOVERNMENT
POLYTECHNIC
NASHIK**

Department of Electrical

Newsletter

**Edited By - Mr. R. U. Shelke
Mr. M. P. Bodke**

**Students
Page 4**

**Industrial
Visits
Page 6**

**Workshops
Page 9**



Highlights

1. Signing of MoU with MSEDCL

Memorandum of Understanding is signed to share best practices, research collaboration, exchange of resources and augmentation of facilities for the welfare of the students.

Government polytechnic Nashik Signed Memorandum of Understanding (MoU) with Training and safety Department of Maharashtra State Electricity Distribution company limited, Nashik. The Department of Training and Safety of MSEDCL is accredited by Central Electricity Authority (CEA) "A" grade under ministry of power government of India. It imparts residential, induction, and need base training to Engineers.

The Scope and terms of interaction will be

- Exchange of highly qualified manpower in the area of electrical.
- Organization of joint conferences, seminars, expert lectures etc.
- Practical training of GP Nashik students at MSEDCL institute of training and safety.
- Assistance of Faculty of GP Nashik in design of course for improving quality of MSEDCL employees.





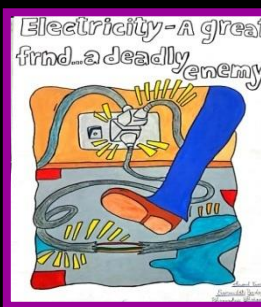
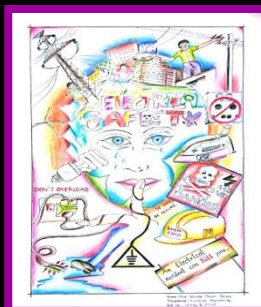
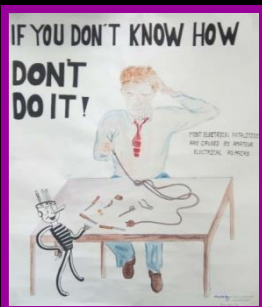
2. Electrical Safety Week

Government Polytechnic Nashik in association with Maharashtra State Electricity Distribution company limited celebrated safety week.

- The safety week is celebrated to educate the citizens about the best practices while dealing with electricity – be it the overhead electricity lines or even the regular use of switches in the house or industry, etc. Also to know the importance of using ISI marked electrical equipment, importance of equipment earthing and avoiding overload of electric circuits, among other things. With an aim of reducing electrical accidents across the state.



- Electrical Department of Government Polytechnic Nashik also actively participated in the celebration of electrical safety week. Students from department went door to door educating people about importance of ISI marked electrical equipment, importance of equipment earthing and conservation of energy. Poster competition and essay writing competition was also held at the department.





Students Activities

Achievements of students from Department of Electrical in terms of academics, sports, project competitions, social gathering.

- One project group “wireless power transfer to electric car while in motion through solar roads” from third year was participated for DIPEX 2018 under the guidance of Mr. Bodke M. P. held at sangli. This was a new concept where problem of depleting natural resources was handled along with removing limitation of stopping vehicle for charging of batteries.



- Sweta Raut Scored 96.12% in Third year Electrical and stood 1st in Government Polytechnic Nashik. Also 13 students from third year Electrical have scored more than 90 % marks. Department of electrical has got highest result in institute for the summer2018.

- Akanksha and mayuri students from Second year electrical got 1st prize for Circuit Mania held at JET Engineering College.
- Yash and Aditya Students from Second year Electrical got 1st prize for Slide Master held at JET Engineering College.





- Yash and Aditya Students from Second year electrical got 1st prize for poster presentation held at Sandip Foundation Polytechnic Nashik.
- Yash and Aditya Students from Second year electrical got 1st prize for poster presentation held at Matoshri polytechnic Nashik.



- Most of Students from Department went for Vacational Industrial training at various industries like Traction Machine Workshop, Nashik, Bhusawal, Motwane industry, Thermal power plant Nashik, MSEDCL Sinnar etc.



- Department of Electrical along with TPO of GP Nashik provided a very good opportunity to students to get placements at Industries like General Electric, Larsen and Toubro, Bajaj Electric, Tata Motors etc. About 15 students are placed in these companies.

➤





Industrial Visits

Industrial visit is considered as one of the tactical methods of teaching. The main reason behind this, it lets student to know things practically through interaction, working methods and employment practices.

- Department of Electrical Engineering has organized an industrial visit of Thermal Power Station, Nashik for 2nd year students. 61 students along with 3 faculties are visited the plant. The visit was very fruitful as students observed each of energy conversion stages used in power plant starting from fuel section to switch yard.



- Students from first year electrical visited Dr. B. R. Ambedkar Rural Development Institute & Water Purification Plant at Nashik under the course Environmental studies. Here students got actual demonstration of Bio-gas Power plant, Polyhouse, oil Extracting machine & Water purification process.

- Industrial visit of third year electrical students was organized to Railway Signaling system at Nashik Road Railway station. Students got practical knowledge of how to direct railway traffic and keep trains clear of each other at all times, how trains move on fixed rails, making them uniquely susceptible to collision.





- Students from Second year electrical visited Traction Machine Workshop, Nashik Road. The visit was very much knowledgeable as students got practical exposure to maintenance of DC and Induction motors. They also observed various parts of DC and induction motor.



- Industrial visit of third year Electrical students was organized to ABB at ambad Nashik. Here students acquire knowledge about detailed switchgear manufacturing process and production plant. Students also saw the demonstration of switchgear model room.





Expert Lectures

Expert Lecturer with proven expertise in a topic adds credibility to our content. Hearing new voices provides students not only with different points-of-view, but also with potential resources they can apply in later courses.

- Department of Electrical Engineering has organized an expert lecture on Cyber Securities for students from electrical. Cyber crime has grown at such a rapid rate that it is now an issue; everyone should constantly be monitoring and managing. Students got knowledge about how to keep ourselves safe from cyber crimes.



- Expert lecture on 'MODERN TRENDS IN SWITCHGEAR' BY Mr. Nilesh Lokhande was organized for third year students to get aware of recent development in Switchgear Technology. His troughs lights on Developments in HV/EHV Breakers, Vibration Testing, GIS Breaker Testing etc.

- As Electrical Safety plays a very important role in electrical engineers life hence Expert lecture on 'ELECTRICAL SAFETY' by Er. Joglekar madam & Er. P. L. Gade (Addl. Executive Engineer MSEDCL Training and safety department Nashik) was organized for second and third year students.





Workshop on PLC & SCADA

A workshop is a great way for someone to learn about a particular subject, new projects. Attending workshops can help students achieve success in their academic environment by putting these skills into practice.

- The main objective of this WORKSHOP is to make the aspiring engineers acquainted with the conceptual as well as practical knowledge of the Industrial Automation & latest technologies being used to achieve industrial automation. The idea of organizing this workshop is to inculcate the basic fundamentals of automation in the students and provide them with a platform to work on, In The Near Future.

