

Winter 18



**GOVERNMENT  
POLYTECHNIC  
NASHIK**

## **Department of Electrical Newsletter**

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## ELECTRICAL ENGINEERING DEPARTMENT

### VISION

To be the center of excellence in the development of manpower, entrepreneurship and technology meeting the diverse needs of the customer. The department shall be the technology centre for electrical engineering works thereby meeting the skill and testing requirements in the electrical engineering technology in business and industry.

### MISSION

Department of Electrical Engineering is committed

- M1.** To provide diploma level technical education so as to equip learners with skills related to entrepreneurship, lifelong learning and employability.
- M2.** To disseminate knowledge with practical exposure ensuring, ethical, professional and safety Practices to meet the needs of industry and society.
- M3.** To be updated through self evaluation and continuous improvement.
- M4.** To be acquainted with the modern trends and technology in electrical engineering field through testing and consultancy work and continuing education.

# Highlights

## 1. Signing of MoU with Shivanand Electronics and Rectiphase capacitor.

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

Government polytechnic Nashik Signed Memorandum of Understanding (MoU) with Shivanand Electronics. Sivananda Electronics has been manufacturing products with breakthrough technologies in India since 1970 in the field of Electronics Test & Measuring Instruments and Security Systems. 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.
- Industrial Visit of GP Nashik Students to Sivananda Electronics

Government polytechnic Nashik has also Signed Memorandum of Understanding (MoU) with Rectiphase capacitor, sinnar MIDC. Rectiphase capacitor manufactures, designs high voltage power capacitor which are ISO 9001-2008 accredited.

. 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.
- Industrial Visit of GP Nashik Students to Rectiphase capacitor.







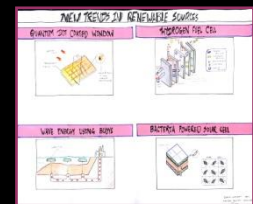
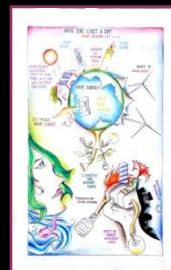
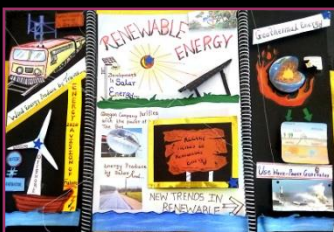
## 2. Engineers Day

Government Polytechnic Nashik celebrated Engineers day by organizing poster presentation and Quiz competition.

- The poster presentation competition theme was based topics like energy conservation and new trends in renewable energy. Students made very attractive and knowledge based posters. Some of the posters had very innovative ideas. Students from third year Aditya maru and teammates stood first. While students from second year lokesh Mahajan and his teammates stood second.



- Electrical Department of Government Polytechnic Nashik also organized Quiz competition on Engineers day. 3 groups from each year were shortlisted for completion. Completion consisted of 3 rounds and students from second year Rinku and teammates stood first. While students from third year Dhanshree and teammates stood second.



## Students Activities

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

- Students from third year electrical Dhanashree and mukund won second prize for their paper 'Artificial intelligence techniques in power system' in state level paper presentation competition organized by MSBTE at CSMSS polytechnic college Aurangabad.



- Students from third year electrical Akanksha and shraddha won second prize for their paper 'Recent trends in solar energy' in state level paper presentation competition organized by Guru Gobind Sing Polytechnic Nashik.



- Dhanshree Bhor student from third year electrical got 'Best reader' award under students section on Birth anniversary of Dr. APJ Kalam. This award is given by library section of GP Nashik for reading maximum no books.





- Vaishali jamdadhe Scored 95.5%, stood 1st and Akanksha thete stood second for Third year Electrical. Ayushi barad scored 94.33%, stood first and Gauri jadhav stood second for second year Electrical. Shivani vavhare scored 88.92%, stood first and siddhi ubale stood second for First year Electrical.



- Students from Department went for Vacational Industrial training at various industries like MSEDCL Dhule, Rectiphase capacitor, Spectrum electroplaters etc.







## 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 to shivananda electronics for 2nd year students. 61 students along with 3 faculties are visited the plant. The visit was very fruitful as students studied various security systems and their working. Also students observed the break test of transformer oil.



- Students from Second year electrical visited Indian Railway Traction machine workshop at Nashik road. This workshop gave students practical exposure to DC machine and induction motor internal parts. The winding process and making of squirrel cage rotor were closely observed by students.

- Industrial visit of third year electrical students was organized to 33/11 kV substation of mahavitaran at Nashik road. In this visit students got practical exposure to working of isolators and circuit breakers. Also students studies the layouts of substation and working of distribution transformer.







- Students from third year electrical visited Huphen electomech pvt. ltd, Nashik. The visit was very much knowledgeable as students got practical exposure manufacturing of current and potential transformer and various types of them. Students also got practical exposure to metering cubide.



- Industrial visit of third year Electrical students was organized to Crompton Greaves 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 Energy conservation by Mr. Daspute Sir. This lecture was organized for second and third year students wherein students got knowledge about energy scenario in india, energy conservation and management means.



- Expert lecture on 'MANAGERIAL SKILLS AND TEAM BUILDING' BY Mr. Rathore sir Addl. Executive Engineer Mahavitaran, was organized for second and third year students to know the importance of developing managerial skills and team building.

- As a part of course 'Development of life's skills' for first year students an expert lecture on Stress management by Dr. Rahul Dahale was organized at GP Nashik. This lecture was helpful for students to release stress of studies and sudden change in their way of life due to admission to Diploma course.







## Miscellaneous

This includes other activities done by students as social and welfare of society. Parent meets celebration of special days blood donation camp etc.

- A blood donation camp was organized under NSS on world blood donation day 14<sup>th</sup> June at GP Nashik. The blood was collected by district Government hospital. Various faculty and students from department donated blood on that day. Through such camps students are made aware about their responsibility toward society.



- Parent's meet of first year students was organized at the department at the start of semester. Through these meeting parents were informed about various facilities available at college, student's rights and responsibilities. Also visit to various laboratories was made after the meeting.

- On the occasion of birth anniversary of Dr. Radhakrishnan Teachers day was celebrated at department. Students from department organized a program for appreciating the teaching and non teaching faculty of department for imparting knowledge and guiding them. Also a small Speech competition was also organized for the students at the department.







- Programme wise committee meeting was organized at department 4th of August 2018 to review the implementation of new curriculum introduced from 2016. It was attended by Mr. S. S. Bachhav, Director, Shrikant Associates, Mrs. V. S. Jogalekar, Astd. Engg, MSEDCL, Mr. J. M. Patil, HOD K. K. Wagh polytechnic, Nashik, Head of Department and Faculty of Government Polytechnic, Nashik.

- After the visit members of PWC visited the department. Various facilities available at the department , classrooms, AV hall, Laboratories were closely examined by the committee. Committee appreciated the teaching learning process and laboratories. Also gave some very useful suggestion for improvement.







- Under the head of National Service Scheme students from department of electrical participated in various camps organized. Students from department provided food and clothing to poor and needy people. Such activities will lead to development of social responsibilities in students.



- On the Occasion of 150<sup>th</sup> Birth anniversary of Father of Nation Mahatma Gandhi rally was taken to nearby locality by government polytechnic nashik. Also 'SHRAMDAN' was done at the college campus. Students from department participated enthusiastically.

