

THE CURRENT POST



About The Institution

PES's Modern College of Engineering was established in June 1999 under the guidance & leadership of visionary Chairman Dr.G.R.Ekbote. The college is approved by AICTE, New Delhi, Directorate of Technical Education, and Government of Maharashtra & is affiliated to Savitribai Phule Pune University, compiling with all the norms & standards of Engineering Education. At present the college conducts five courses in Engineering viz. Mechanical, Electrical, Electronics & Telecommunication, Computer, and Information Technology. The college has Post Graduate Engineering courses in Electrical, Mechanical, Computer, E&TC, MBA & MCA. The Research Centre has been established for Mechanical, E&TC, Electrical & MBA. The second shift courses have been started for Electrical, Mechanical, Computer, I.T & MCA.

- College has been accredited by NAAC with "A Grade".
- College has been awarded as best college in urban area by SPPU.



From Principal's Desk

The aim of this institute is to develop not just top quality engineers but also well-developed persons. Our motto therefore is "the joy of excellence in a world of high technology". As professionals you are required to gain knowledge and use it effectively even when you are exposed to pressure.

My congratulation to our Electrical Engineering Department for their consistent efforts in making newsletter and I wish that they will continue to do this in the years to come.

From HOD's Desk

A weak link is better than a strong memory. Nothing exemplifies it better than the nostalgic feeling one gets while leafing through the dusty old pages of his/her department newsletter. It can make a reader travel down the lanes of memory, giving rise to a surge of emotions of many hues and colours. Department of Electrical Engineering "The Current Post" newsletter is going to give the same pleasure to all the brilliant minds that traverse through the portals of this temple of learning. It brings light to the names of the unsung heroes and their mighty deeds.



Vision of Department

"To produce technically competent Electrical Engineers with ethical and social responsibility."

Mission of Department

- To Nurture well cultured and promising professionals by providing facilities to all students for their overall development.
- To develop abilities in students for acquiring the skills to flourish in technical environment.
- To motivate the students for research work and activities beneficial to society.
- To enhance strong bonding with various organization and alumni.

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1. FDP ETAP_ hands on training on software

Department of Electrical Engineering organized a Three days workshop on ETAP, EPLAN and ANSYS. ARK Info Solutions Pvt Ltd were the resource and conducted this workshop to help the participant get exposure to practical aspects of engineering simulation software. Their highly enthusiastic and committed efforts enabled the participant understand through simulation how the products in industry will operate in the real world. It covered major fields of application such as Transient stability, SC analysis, Load flow, Control panel design, Machine design.

All the participants actively participated in this well-coordinated training program which was evident from the feedback. The program was highly appreciated by all the faculties for its effectiveness pertaining to manufacturing in industry.



2. Workshop on Testing & Measurement of Electrical Measuring Instruments.

Workshop was conducted in two parts. In first part Mr Pranit Bhaskarwar and his team presented presentation on different types of meters like clamp meter, multimeter etc. which are used for testing in Industries. Mr. Desai explained the instruments from their industries having compact, handy features offering large range, count, reliability, ruggedness for testing in automation systems. In the second part hands on practice was given to each student consisting insulation testing of the cables, Megger, clamp meter for current measurements on a live conductor without circuit interruption etc.



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3. 'A Visit to a Home for Children with a Special Need and Tree Plantation'

We had a great start to the semester for our Seeds of Hope club with a visit to BVJSS which is a home to 350 orphan children.

So, preceding with the year we the members of the club decided to visit SOFOSH a home to 42 specially aided children and spend some time with them and also help SOFOSH with their garden cleaning and tree plantation.

The members gathered at 7:30 in the PES's Modern College of Engineering and then at around 8:30 the members left for SOFOSH. Around 10:30 we reached SOFOSH and had a brief meeting with the staff there and started with our tree plantation program. At 11:30 we visited the children and also had a tour of their campus. After having some joyful time with the children, we donated some sanitary and medical requirements to SOFOSH and had a little talk about the history of SOFOSH with their staff. At 13:00 we continued our work on garden cleaning and tree plantation, and then left SOFOSH at 15:30. The visit intended towards helping the organization not only with donation but also with our time and youth power for improving their campus environment with garden cleaning and tree plantation.



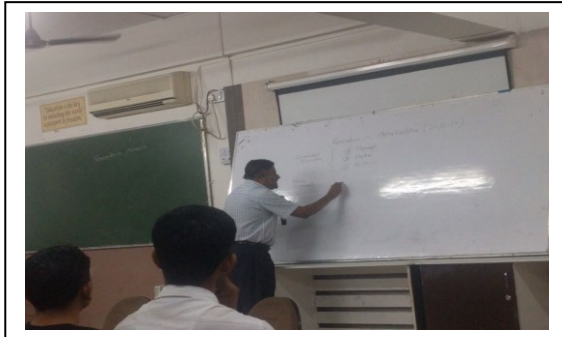
4. Guest Lecture on Solar Energy

Guest lecture is given by Dr. Bakre from MSEDCL, Mumbai. He has given the Presentation on principle of solar radiation, different solar energy collector (solar thermal applications)

He has discussed the topic related with energy conversion system their features ,solar thermal power plant Also he has given the presentation and overview of the recent development of PV Technologies, generatic photovoltaic cell ,the PV IV curve under standard test conditions (STC) .

He has discussed the impacts of Temperature and Insolation on IV curves, shading impacts on IV curve and introduction to major photovoltaic system.

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5. Thermography and Hot Line Maintenance

Guest lecture was given to students with the help of thermal imager. Students can demonstrate various application of thermal imager like Electrical distribution system, Power circuit of electric devices, Cooling efficiency of radiator fins of power transformer, Level detection, Fluid flow investigation, Efficiency of insulation or refractory system etc.



6. Estimation and Costing

Guest lecture was given to students by Dr. S. M. Bakre, where students can evaluate and analyze of HT, LT overhead lines and underground cables, cable sizing, price catalogue, labour rates, schedule of rates and estimating data, Estimation and conductor size calculations of internal wiring for Residential and Commercial installations and estimate for underground LT service lines.



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7. Gurupournima

Gurupournima was celebrated in Electrical seminar hall. Students of SE,TE Electrical First and second shift arranged this program. Students delivered speeches, poems and songs. HOD Dr.Mrs.N.R.Kulkarni delivered a speech on this occasion of gurupournima. Inspiring lecture on technical knowledge preparation required from Industry point of view was given by the chief guest Mr. Vaidya and Mr. Narendra Duvedi from SAS Powertech Ltd which enlightened students mind.



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Editorial Desk

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