



DEPARTMENT OF ELECTRICAL ENGINEERING



Quarterly Newsletter

Vol I Issue I

GOVERNMENT POLYTECHNIC SAKOLI

Editorial Committee

- Prof.R.V.Yenkar, Principal
- Prof K M Gaidhane I/C HOD
- Prof. N H Adkine
- Prof.K.N.Potode
- Prof.V.A.Wararkar
- Prof.S.H.Sute
- Prof.P.V.Kamble

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ENGINEERS DAY CELEBRATED IN DEPARTMENT

Engineer's day was celebrated in Electrical Engg department on 15th September 2017 with great enthusiasm. Students of Second and third year organized this event with series of pro-grammes like Debate Competition, speeches on Engineers day . Huge response for debate was the success of programme 'Demonetization'. 30 students from Electrical depart-ment participated in debate conducted in department by Prof. Mrs K.M.Gaidhane, Prof.N.H.Adkine, Prof.S.Sute, Prof.P.V.Kamble..Winners were Hatkar, Nimbekar, Mahadule. Selected speeches on Engineers day were delivered by the students illustrating the career of Visvesvaraya and throwing light on his biography.

The programme on Engineers day was started with lighting of lamp and gar-landing of Sir Mokshagundam

Visves-varaya photo. All faculty Participated & offered flowers as mark of respect. On the Occasion of engineer's day different Competition organized by Department like poster competition under student chapter the topic of poster completion was 'Save Energy Save Earth'. Around 50 posters were displayed in this competition. The winner were Ku.Khandai, third year electrical, Ku. Bhure third year electrical & Shubham Marwad, Second year Civil dept.



TRAINING OF TEACHING TECHNIQUE TO STAFF OF GPS

Department of Electrical Engineering organized session of three hours for staff of G.P.Sakoli in A.V.Roomon 30th August 2017.Prof.Mahadeo Gaidhane Ex testing Engineer MSEB & professor in Electrical Engg.Priyadarshani Engineering College,Nagpur explained about the different teaching method to

staff of GPS.He told us the importance of diagram and handwriting while teaching. Different new staff asked number of questions related to taching techniques. Mrs.Aher, Bhajipale, Sontakke,Shingor, Sute, patel,Kamble,Mohakar attended the training.



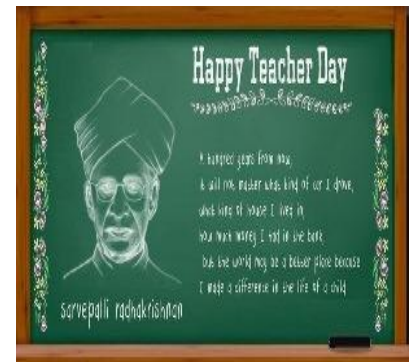
TEACHERS DAY



Students of Electrical Engineering organized Teachers day on 5th September 2017. Teachers day was celebrated by lighting lamp and Saraswati poojan and garlanding of photos of Dr. Sarvapalli Radhakrishnan. Khandait student of third year electrical Engg. presented Ganesh Vandana song.

Students felicitated teachers by offering flowers to honour them. Students expressed their feelings and gratitude towards teachers. Teachers from department Prof. Gaidhane

expressed views on students feelings. Prof. Aher, Prof. Nagdiwe, Prof. Rajeshwarkar and guest faculty Mrs. Suchita Agase, Social Worker and Dr. Mrs. Shakuntala Kappgate were also present on this occasion. Mrs. K.M. Gaidhane, Mrs. Kappgate, Mrs. Agase guided girls students at this occasion.



GLIMPSES OF TEACHERS DAY

Display of Student talent & Soft skills through Event - Teachers day

Orientation of newly registered students & Counseling session



STUDENT COUNSELING

Prof. Mrs. K.M. Gaidhane made student counseling for First year students registered for academic session 2017-18 on 15th Sep 2017. Information regarding new I scheme, course structure, general guidance about classrooms, laboratories was given by her also guided students regarding vision, mission of department and institute. Discipline and general conduct importance in department was also informed to them.



Seminar on Entrepreneurship

Seminar on Entrepreneurship was arranged for 48 students of final year diploma in Electrical Engineering by Mr. Pramod Patil, MD, Russian Electrical, Nagpur on 15th Sep 2017. This seminar was focused on how the students can fulfill

the needs of society by choosing projects & working on them. Patil explained through videos and personal experience the construction and manufacturing of transformer... This seminar would be useful in imbuing research aptitude among students & become fruitful engineer for the nation. This pro-gramme will add to employability of the students in future.



Visit to Transformer manufacturing company, Gadegaon



The seminar on Entrepreneurship was followed by visit to Transformer manufacturing company, Gadegaon. Transformer manufacturing, maintenance and testing was explained to the students by demonstrating pro-jects related to transformer. Lifelong learning PO attainment is possible through this visit. Curiosity of stu-dents keep all students engaged for three hours and many of them were motivated to carry out industry based projects. Queries were answered by the staff present.

**Co curricular
Activities helping
students learning
and emerging
areas bridging
gaps in curriculum
& society needs**

Student Training on Industrial automation & embedded system

Student development Program in Industrial automation was conducted by Mr. Sarang Pimpalkar on 6th Oct 2017 & Embedded system was conducted by Mr. Bhavesh Chaudhary on 13th Oct 2017 for students.48 students were the beneficiaries for session.



Visits

Electrical Engineering department organized educational visits to Transformer manufacturing Industry, Gadegaon on 15th Sep 2017, 33 KV sub-station Sakoli on August 2017, 11 KV sub-station G.P.Sakoli & Diesel power plant G.P.Sakoli.

Third year 48 students and 70 students of second year were the beneficiaries for these visits. Faculties of Electrical department Prof. Mrs. K.M.Gaidhane, Mr. N.H.Adkine, Mr. P.V.Kamble, Mr. S.Sute, & Mr. K.N.Potode accompanied students & guided students in visits. These visits will benefit student learning in areas of Electrical switchgear & protection, transformer manufacturing & maintenance, electrical workshop & electrical power system



**Bridging gap
Between
Curriculum and
field requirements
through expert
lectures and
educational visits**

Expert Lecture from Industry

Mr. Pramod Patil, MD of Russian Electricals, Hingana MIDC, Nagpur had expert lecture before visit to industry on 15th sep 2017. The topic of his lecture was AC fundamentals, transformer. During visit he explained manufacturing and Maintenance of transformers, CT & PT testing. Nice presentation & video show made industrial visit successful. Prof. Kamble & Prof. Sute accompanied students of Fifth term.



Expert Lectures by Industrial Person

Prof. M.A.Gaidhane, Ex. Testing Engg, MSEB and Prof. Priyadarshani Engg College, delivered expert lectures on electrical safety and energy conservation to students of second year and third year On 26th Sep 2017.



Programs on Personality Development

The program on yoga and meditation was organized on 26th Nov 2017 by Electrical engineering department for the students of first year and third year electrical. Prof.M.A.Gaidhane Demonstrated different yoga postures and told the students about the importance of yoga. He also guided the students about concentration while studying by meditation on 30th July 2017. Number of students participated with him.



Achievements

- ◆ Ku.Dipali Khandai & Rakesh Yele bagged Third Prize in MSBTE sponsored State level Technical paper presentation Competition held at NIT, Poly-technic Nagpur on 13th September 2017.
- ◆ Ku.Dipali Khandait, Karishma Bhure won first and third prize of poster competition organized under student chapter.



- Student participation in Debate competition at G.P.Sakoli on occasion of Engineers Day. Ku.Nimbekar, Mahadule, and Hatkar were the winner.

Liaisoning with Society

Blood group testing and hemoglobin checking camp was organized by student chapter G.P.Sakoli on the occasion of engineer's day. Beneficiaries were students and staff G.P.Sakoli. Team from PHC, Sakoli cooperated us for making this program successful.



Third Party Audit

Third Party technical inspection done by Electrical Engg Department of Kamptee cantonment board, Kamptee by Prof.Wararkar, Adkine, & sute

Miscellaneous

- The experimental setup for switch gear and protection was made by Mrs.K.M.Gaidhane for students of third year.
- Mr.K.N.Potode has taken an Initiative to repair the 62.5 KVA DG set of G.P.Sakoli.
- New experimental setup for electrical measurement was made by N.H.Adkine for second year students.
- Personal new website of staff of Electrical Engineering Dept. G.P.Sakoli were created for students by N.H.Adkine & K N Potode
- Dasher were celebrated at department
- Birth day of lab assistant G.Gaikwad was celebrated in department



Vision of Electrical Engineering Department

To contribute to the nation through excellence in technical education by developing competent human Resources for rendering services to industry and society.

Mission of Electrical Engineering Department

M1: To develop strong technical, scientific, and professional skills in the Students to meet global challenges.

M2: To impart quality education to acquire soft skills & entrepreneurial Qualities

M3: To inculcate moral values & professional ethics.

M4: To induce lifelong learning skills to render services to Industry & Society.

Program Educational Objectives of (PEOs) Electrical Engineering Department

PEO1: To provide solid fundamentals in science and humanity.

PEO2: To develop students for enhancing entrepreneurial qualities.

PEO3: To develop the students to find solution on problems of society by their creativity.

PEO4: To develop professional excellence in students through lifelong learning.

PEO5: To inculcate soft skills and ethics for welfare of society.

PEO6: To investigate socio-environmental issues of real world