



Hope Foundations'

**FINOLEX ACADEMY OF MANAGEMENT AND TECHNOLOGY, RATNAGIRI**

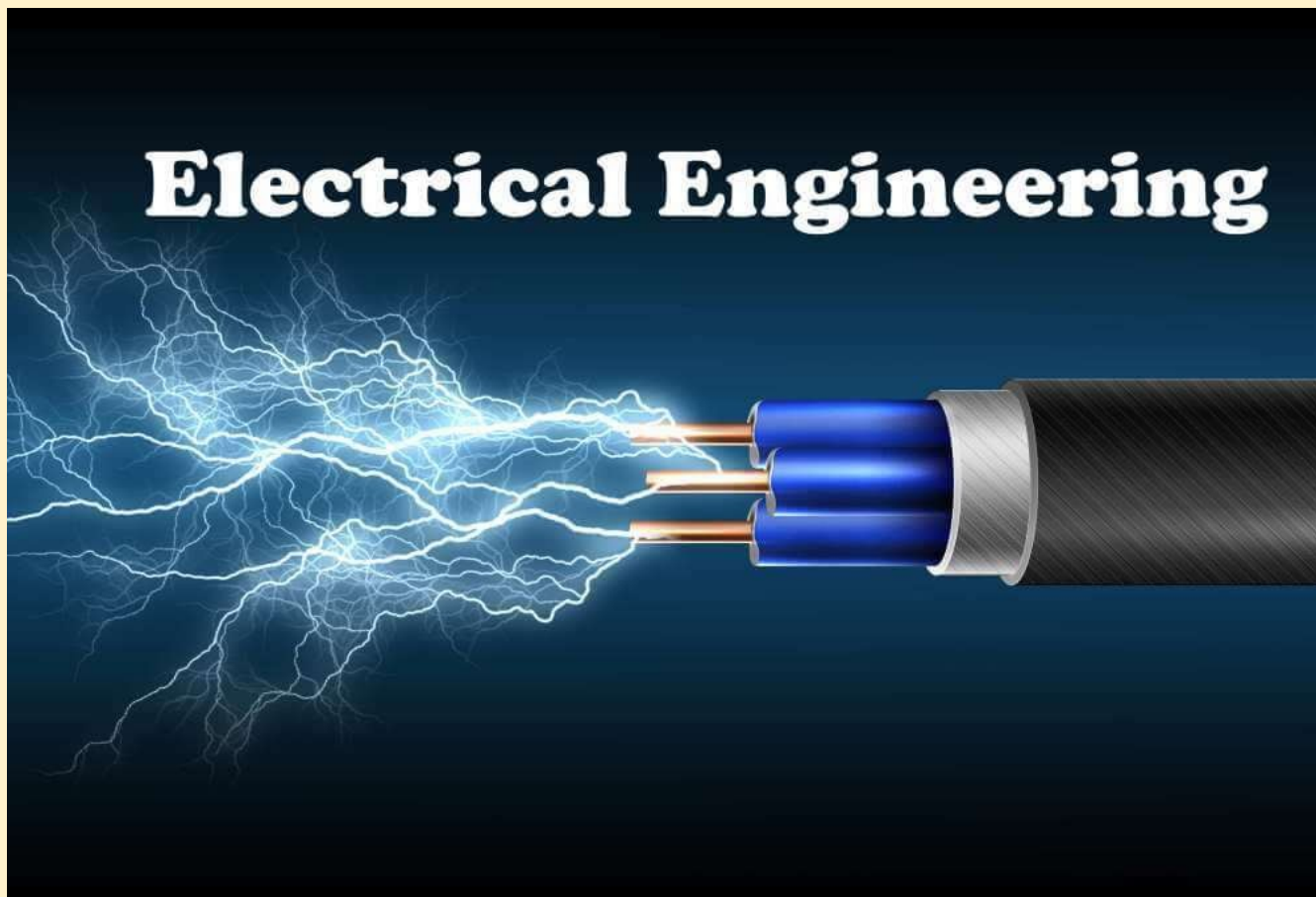
(Approved by AICTE, recognized by DTE, and Affiliated to Mumbai University)

# ELECTRAZINE

*E – Newsletter of*

## **Electrical Engineering Department**

*Volume 4, Issue 1 (1<sup>st</sup> July 2018 to 31<sup>st</sup> Dec. 2018)*



### **Publishers**

Prof. Suhas H. Mhabadi (Head of Department)

Prof. Milind N. Tagare

Prof. Sudhir S. Wamane

## Contents

1. Departmental Vision
2. Departmental Mission
3. Program Specific Objectives (PSOs)
4. Highlights of the Department
5. Departmental Events
6. Social Events
7. Faculty Achievements
8. Placements

## List of Faculty/Staff Members in Department

Faculty Members	
Prof. Suhas H. Mhabadi (HOD Electrical)	Prof. Priya A. Potdar (Assistant Professor)
Prof. Milind N. Tagare (Associate Professor)	Prof. Vaibhav A. Sansare (Assistant Professor)
Prof. Nitin V. Kelkar(Assistant Professor)	Prof. Nilashri P. Sakhalkar (Assistant Professor)
Prof. Jayant J. Mane(Assistant Professor)	Prof. Kiran M. Keshyagol (Assistant Professor)
Prof. Mangesh S. Modak(Assistant Professor)	Prof. Harshal P. Gosavi (Assistant Professor)
Prof. Sudhir S. Wamane(Assistant Professor)	Prof. Arjun R. Masal (Assistant Professor)
Prof. Leslie Fernandes (Assistant Professor)	
Staff Member	
Mr. Shriprakash H. Hardikar (Lab Assistant)	

## Department Vision

The department shall become the foremost seat in advanced and progressive learning, with excellent professional skills and character to lead and serve the society at large.

## Department Mission

**M1:** To provide conducive environment in view to transform students into quality engineers who will excel globally with creative and entrepreneurial skills.

**M2:** To enhance teaching - learning process through relevant pedagogies and continual assessment.

**M3:** To promote the versatile development of students through training of interpersonal skills, managerial skills, leadership communication skills.

**M4:** To inculcate moral, ethical and social values among the students.

## Program Specific Outcomes (PSOs)

**PSO1:** Students will be able to design, simulate and analyze electrical systems using software tools.

**PSO2:** Students will be able to understand, implement concepts of electrical systems through experiments and apply it to solve industry specific problems.

## Highlights of the Department

- Department has 13 faculty members
- All of them have completed Post Graduation (ME or M. Tech) and 1 faculty is pursuing Ph.D.
- They have completed their PG from renowned institutes like VNIT Nagpur, VJTI Mumbai, COEP Pune, COE Walchand Sangali, PVG COET Pune etc.
- Average Experience is of 11years.
- Published almost 34 papers at National level and 10 papers at International level.
- Well-furnished and well equipped 8 Laboratories including 2 computer labs with 36 Computers.
- 3 Classrooms with minimum 80 students seating facility.

**List of Laboratories:**

Drives and Control Lab	Computer Lab -I
Switchgear and Protection Lab	Computer Lab -II
Electrical Measurement Lab	Control System Lab
Electrical Machines Lab	Industrial and Power Electronics Lab/ PLC Lab

- Computer Lab - I and II consists total 36 computers with SciLab, MPLab, PROTEUS, Eagle software etc.
- LAN Facility is available in Computer Labs
- Free Wi-Fi facility is available to students.
- Department Library with 531books.
- One smart classroom with LCD projector, OHP projector and LAN Facility.
- Study material for GATE exam
- Video lectures of NPTEL courses conducted by all IITs (funded by MHRD, Govt. of India).
- One computer with printer for students
- Programmable Logic Controller Lab with 3 Micro-Logix 1400Series-B
- Conduct Aptitude and Reasoning classes for students.
- Conduct varies Workshop/Training/ Bridge and Enrichment Courses for the students.

## Programs Organized by the Department

1. A guest lecture on Preparation for MPSC was organized by the Department of Electrical Engineering on Monday, 24th September, 2018. Mr. Sanket Devalekar, FAMT Alumnus, who has recently passed MPSC exam and joined as Dy. SP (Excise) was the speaker. Total 103 students were present for the lecture.



**Mr. Sanket Devalekar addressing the students**

2. NPTEL Awareness Seminar was conducted for the students of Electrical Engineering on 28th July, 2018. NPTEL is the initiative taken by seven IITs and one IISc and funded by Ministry of Human Resources Development (MHRD) Government of INDIA. These Courses are available online and anyone can access the course at any time at his or her convenience. All the course available are taught by Professors from IIT's and IISc's. Prof. Kiran Keshyagol, Asst. Prof. Dept. of Electrical Engineering, interacted with 79 students from SE, TE and BE in the seminar.



**Prof. Kiran Keshyagol explaining about NPTEL Online examinations**

3. Electrical Engineering Student Association celebrated “Teachers’ Day and Engineers’ Day” on 10th September, 2018 to express gratitude and appreciation to the Teachers and Engineers. Teacher’s Day and Engineer’s Day is celebrated to pay tribute to Dr. Sarvepalli Radhakrishnan and Mokshagundam Visvevaraya on 5th September and 15th September respectively every year.



**Students and faculty interaction during Teachers’ and Engineers’ day**



4. Electrical Engineering Student Association organized 'Calculator Training Programme' on 10th & 11th August, 2018. The programme was scheduled on 10th August for 4 divisions and on 11th August for the remaining two divisions of First Year Engineering. Calculator Training was held for introducing the functions of 'fx-991ES PLUS' to the First Year Engineering Students. The Coordinators of EESA explained the basic operations of calculator to the FE students.



**Mr. Swapnil Sanam and Ms. Rakshanda Savekar explaining FE students about calculator**

## Social Events

1. As a part of EESA's social outreach initiative, the coordinators collected the funds and submitted to the college office to donate to Chief Minister's Relief Fund for the flood victims of Kerala. The motive of this donation drive was not only providing the monetary help to the people of Kerala, but also to inculcate among students the value of giving something back to the society to whom we owe something to the society. The announcements for the same were made in all departments and each class of the college. The collection started from 24th August, 2018 and continued till 31st August. The total collected amount was ₹29,035. The event wouldn't have been possible without the constant support of professors of all departments.



**Donation drive for flood victims of Kerala**



## Faculty Achievements

### Journal/Conference Publications

1. Prof. K. M. Keshyagol and Prof. S. H. Mhabadi published paper entitled as “Study of Challenges in Environmental Aspects of Renewable Energy Sources” in IEEE-ICNTET-2018 held at GRT institute of Engineering and Technology, Tiruvallur, Tamil Nadu
2. Prof. Sudhir S. Wamane, Prof. Suhas H. Mhabadi, Prof. Milind N. Tagare “PLC Based Automatic Railway Gate Controller and Obstacle Detector” in 2018 International Journal of Latest Trends in Engineering and Technology IJLTET-2018

### NPTEL Online Certification

1. Prof. N. P. Sakhalkar has completed and achieved Elite grade certification in the course “Introduction to smart grid” conducted by IIT Roorkee.
2. Prof. H. P. Gosavi has completed and achieved Elite grade certification in the course “Design of photovoltaic system” conducted by IISc Bangalore.
3. Prof. A. R. Masal has completed and achieved Elite grade certification in the course “Design of photovoltaic system” conducted by IISc Bangalore.

### Faculty Development Programs

1. Prof. N. P. Sakhalkar has completed FDP on “Introduction to smart grid” conducted by IIT Madras (Funded by Ministry of HRD, Govt. of India), Sept.2018.

## Placements

During academic year 2018-19, total 76 students were eligible for placements out of which **10 students** have been offered jobs in various organizations in odd semester of A.Y. 2018-19