

**J.S.P.M.'s**  
**Jayawantrao Sawant College of Engineering,**  
**Hadapsar, Pune-28**

**Department of Electrical Engineering**

**Vidyut**  
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# Our Motivators

Knowledge only Liberates and technical education has been the core for the development of society and humanity. Educational Institutions at JSPM are committed for imparting time based and value added quality learning

It is our endeavor at JSPM to make students learn through involvement and commitment. We believe that quality education it the only way for molding students into successful engineers.

Modern technology helps us in efficient learning process. At JSPM, we set up and adopt all available modern methods to see that students learn the fundamentals of the technology they have chosen.

For learning, right environment is required and this is available at all our JSPM campuses.

Apart from classroom teaching and lab works, we believe in overall development of the students. We have adopted the mentor scheme where in each faculty member takes care of fifteen students and has to take the volley of peer group. We emphasis also on presentation skills and innovative projects to be carried out by the students.

At JSPM we make the learning process like ritual that attracts the students to our institutes. We are totally committed for overall development of student fraternity as we know that they are the only future growth generators of the world.



**Dr. M.G. Jadhav**  
Principal JSCOE

Positive attitude is very important in our life

What is inside your mind will always comes out, whenever life squeezes us. When some one offends us and if anger pain, fear comes out of us that means our mind is full of negative things. Life may squeeze us in role of our parent, brother, sister, children, boss etc.

Once we take away all this negative thing which we don't want in our life and replace them with love , we find living a highly functional life



**Suneeta Phadkule**  
Vice-Principal JSCOE

Electrical Engineering is the largest and most diverse technological field in the world. The Department of Electrical Engineering offers undergraduate Electrical Engineering, one of the Core Engineering Branches. With rapid Industrial growth in the Country the requirement of electrical engineers has tremendously increased in Power Sector and Industries in private, and Government companies. This has resulted in opening of enormous opportunities for graduate Electrical Engineers.

The department has 14 faculty members and about 225 undergraduate students and well equipped laboratories. Our faculty members are experts in the areas they teach. Not only do they provide a solid grounding in the academic theories and concepts of their specialty, they also provide the students challenges facing their discipline. They provide the students the right balance of theory and practice. We emphasize team work to give opportunity to each student to benefit from the ideas and intelligence of their classmates.



**Dr. P. N. Gokhale,**  
Head Electrical Engineering Dept

# N.S.S Activities



During July 2018, tree plantation activity was performed on reserved forest land in Pune region at post Hadapsar through involvement of NSS volunteers and other students of institute under ambitious initiative “**Vanmahotsav**” taken by Forest Department, State Government of Maharashtra. Under the guidance of forest officer Mr. V. J. Gaikwad, 200 students planted near about 800 trees of various species.

A blood donation camp was organized by the NSS in the Jayawantrao Sawant College of Engineering at Hadapsar for the Mallikarjun Blood Bank, Solapur and Poona Serological Institute Blood Bank, Pune in the presence of Dr. M. G. Jadhav (Principal, JSCOE), Dr. V. A. Bugade (Director, Hadapsar Campus), Prof. Sanjay Sawant (Assistant Director), Prof. Ashish Lagad (NSS Program Officer ).



The inauguration was done by Dr. M. G. Jadhav. 188 students and staff members donated blood. Refreshment was offered by MESA members and NSS volunteers. Certificates and donor cards were issued to blood donors. NSS volunteers were divided into various committees for the easy functioning of the program. Doctors from blood bank were also present if any donor required any further medical help after donating blood. The program was conducted efficiently with team work.

# Industrial visits



Department of electrical engineering had organised Industrial visit for SE students at Magapatta 11 KW power sub station.

All the students of SE had participated in the visit and had learn various aspects of electrical engineering in practical.

The Visit was organised by student organisation EESA

Department of electrical engineering had organised Industrial visit for TE students at 10 KW solar power sub station at JSIMR

All the students of SE had participated in the visit and had learn various aspects of electrical engineering in practical.

The Visit was organised by student organisation EESA



To encourage industry institute interaction s visit to expose and exhibitions are always arranged by the department so the faculty Dr P.N.Gokhale along with third and final year students visited expo arranged by electrical contractor association of Maharashtra at laxi lawns karve nagar. Various leading brands in cable s, transformers, switchgears , earthing service providers, automation service providers were displayed . As a outcome students were motivated to select latest trends and technologies in electrical engineering as their seminars and project topics. Invitations for industrial visit and opportunities for internships were offered to students.



# ED CELL NEWS



Aditya Shelke alumni entrepreneur 201 batch pass out was felicitated with budding entrepreneur award on 27.9.2018 for his electrical contracting business.

Mr shivanad S (cofounder carb Tab, Tripeasel) Delivered interactive session on upcoming trends in entrepreneurship. He also emphasized that business models are changing at a very fast rate hence students should acquire the potential in artificial intelligence and machine learning related skill sets. Students were motivated to form joint ventures and started thinking for the new business potential ideas.



Visit to Bankar sports complex for study of 25 KW solar PV system.

Yogesh Vaidya alumni entrepreneur, 17-18 batch, explained all parts and equipments used in solar PV installation and demonstrated the series parallel stringing of solar PV panels also helped to arrange internships in solar PV systems to develop skill set.

## Seminars

Seminar was conducted for B.E Students to motivate them for Entrepreneurships.

All the students of B.E had actively participated in the event.

The speaker for the event was Ms. P.N.Gokhale



Seminar was conducted by Electrical department on energy audit.

All the students of electrical department participated in the event.

The speaker of the seminar was Ms Gayatri Akolkar (Alumni of JSPM)

# Power Quality and Power Reliability Club Activities



Third year and final year students were trained in HT metering kiosk along with automatic meter reading mechanism at 22KV college HT metering location. Students were also made aware about the electrical distribution system of college premises all the out door equipments on 22 KV double pole structure and allied equipments.



10KW solar PV system and its 3 phase on grid metering arrangement was shown to third year students to support the curriculum of power electronics and students learnt to take meter reading from static time of the day meter and three phase inverter.

Students Achievements  
Winner of Project Competition

**Department Level  
Students Innovation Clubs  
Electro-Sparkle Club  
(Electrical Department)**



**Mentor :Prof.N.H.Tayade**

This Club is working on the research projects in Energy, Mobility & Generation Field.

**Achievements:**

5 Students Shortlisted for for Final round in KPIT Sparkle National Level Project Competition