

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

Department of Electrical Engineering

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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.



Prof. N. G. Padulkar,Head
Electrical Engineering Dept

N.S.S Activities



On 05th September 2017, on the occasion of Ganesh VisarjanMiravnuk, traffic duty activity was performed by NSS Unit of Jayawantrao Sawant College of Engineering at Hadapsar.NSS volunteers worked under the guidance of officials of Wanowrie Police Station. On the day before activity, the police officer gave the guidance to volunteers about the way to handle traffic and the way to deal with people effectively. Refreshment was offered by the police officers. From NSS unit of college, 63 volunteers participated in activity. Team of volunteers was divided into different sections for efficient execution and asked to work at different locations such as Wanowrie police station area, Bhairo banaala, Shriram chowk Hadapsar, Mohammad wadi Police chowky etc. The working time for traffic duty was from 4pm to 12pm. Police officers appreciated team work and task execution of all volunteers. Entire activity was coordinated by Mr. Sayaji Gaware (Senior Police Inspector, Wanowrie Police Station).

In order to help needy people in society by creating awareness about government schemes and services which can give benefits for eligible needy people, Mahayojana Camp was organized by Legal Service Authority, Pune District on 25th July 2017 at Phursungi, Pune. 15 NSS volunteers had actively participated in this social activity. introduction session regarding same for participating volunteers from 5 colleges in Hadapsar, was held at JSCOE Hadapsar. Dr. Jalal Pathan (Junior Division Civil Judge), Adv. PallaviBhagvat, Adv. Ashwini Tambe, Dr. M. G. Jadhav addressed volunteers..



During1st to 7thJuly 2017, 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.

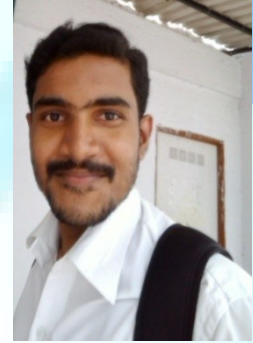
Academic Excellence



Pore Gajanan B
B.E 2016-17
Batch
77.76%.



Yadav Poonam
T.E 2016-17 Batch
79.07%



Zujam Sagar
S.E 2016-17
Batch
8.48 SGPA

Industrial visits



Industrial visit of final year student at HVDC Padghe ,Mumbai.

The Maharashtra State Electricity Board (MSEB) built a 1,500 MW HVDC link between the cities of Chandrapur and Padghe (near Mumbai) - the first HVDC transmission link to Mumbai. The converter terminals were constructed by ABB (Sweden and India) and Bharat Heavy Electricals Limited (BHEL) of India. The 500 kV Chandrapur - Padghe HVDC Bipole feeds Mumbai on the west coast with 1,500 MW from a thermal power generation plant located near Chandrapur in the eastern part of Maharashtra State 752 km away. The link helps to stabilize the Maharashtra grid, increasing power flow on the existing 400 kV AC lines while minimizing total line losses.

The \pm 500 KV HVDC Padghe, Maharashtra visit organized by Electrical Engineering Department of JSCOE, Hadapsar. The benefit has been taken by students of 4th year Electrical Engineering Department. This type of practical exposure never experienced before. The entire "Electrical engineering Department" & "T & P Team" are thankful to "The Principal", "The Vice-Principal", "The T & P Coordinator" & "The Entire HVDC Padghe Team" for their cooperation and involvement.



Visit for SE Electrical Students had been organized to "Seva Engineering Works"

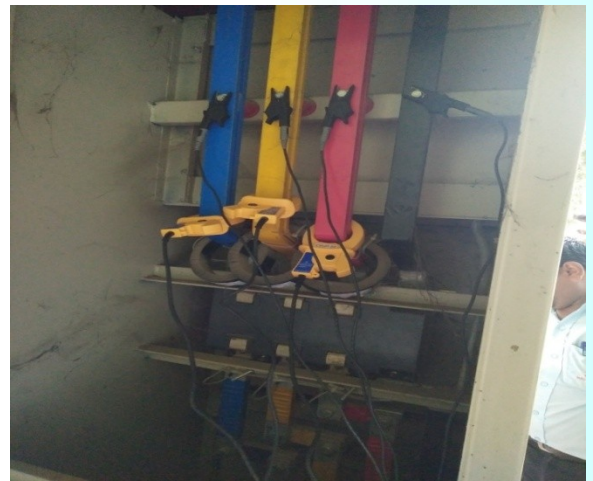
EESA Activities



•Alumini Pratik gavhade shared his expertise on solar PV cell Modeling and remote monitoring which is his M.Tech Research topic with final year And third year students.

•To understand solar PV plant visit of third year students was arranged On 25.7.17, Students got insight of DC to Ac power conversion which helps to understand the 3KW single phase inverter.

•To increase the hardware skill and measure power quality parameters, Hioki power quality analyzer is used to measure distortion in current and voltage wave forms HT connection of college premises.



Guest lecture arranged under EDC & Solar Energy Workshop Conduction 2017



Barclays company soft skill training



Students Achievements

Winner of Project Competition



Our Student at the project competition “ Project idea presentation” organised by Cummins college of Engineering pune had secured 3rd rank in the competition “ Project idea presentation”

Group members Siddhesh shinde,Pravin gawand,Santosh Raut, Dnyaneshwar kamble. Received trophy and certificates

our student secured 1st Rank in “ project competition” organized by sanjay ghodawat group of institute, Atigre (Kolhapur)

Group member Ansar Mulani Rajnikant Malawadkar Akshay Pawar Rohan More received the certificates and trophy at the event.

