

LSSBM'S

Padm. Dr. V. B. Kolte College of Engineering, Malkapur



NEWSLETTER

DEPARTMENT OF ELECTRICAL ENGINEERING

Vision and Mission of Institute

Vision

- ❁ To be an Organization providing quality Education to the masses to bring about a social change in the region by establishing & nurturing the technical, and allied institutions to become centre of excellence.

Mission

- ❁ To nurture and maintain quality environment for academic excellence, research and development of entrepreneurship, through dedicated staff and transparent management for bringing about a social change, through affordable education.
- ❁ To impart holistic training to all the students so that they develop right kind of attitude, knowledge & skills which will help them to serve the nation in a better way.
- ❁ To imbibe in the students, basic human values in order to help them, develop individually.
- ❁ To provide education at reasonable expenditure, especially for middle class population.
- ❁ To provide up-to-date and trained professionals to industry who will serve as a entrepreneurs and will lead their companies successfully.





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Padm. Dr. V. B. Kolte College of
Engineering, Malkapur
Electrical Engineering Department
Newsletter

June 2017– May 2018

Volume 2, Number 1

About Department

VISION

“To produce comprehensively trained, socially responsible, innovative Electrical engineers & researches of excellent quality to contribute the region & the nation”

MISSION

“Over mission is to provide Electrical Engineers with innovative ideas and skill which matches with current Industrial standard.”

Electrical Branch Has Been Started Since 2010, four batches of the students have been passed out till summer 2017. Department had been started with one class room and two rooms but at present condition there are sufficient class room and 10 well developed laboratories available at the institute Post graduation in electronics & Power has been started from 2013. The strong pillars of our department for UG and PG program- the highly educated faculty.

Electrical Engineering

HOD'S Message



Prof. J. D. Sonone
ME (VLSI&ESD)

Electrical engineering is a branch of engineering that deals with the technology of electricity. Electrical engineers work on a wide range of components, devices and system from tiny microchip to huge power station generators. Early experiments with electricity included primitive batteries and static charges. However the actual design, construction and manufacturing of useful devices and system began with the implementation of Michael Faraday's Law of Induction.

Electrical Engineering is a field of engineering that generally deals with the study and application of electricity. I congratulate my students for being successful professionals and good human being an asset to the society.

Vision

To produce comprehensively trained, socially responsible, innovative electrical engineers and researchers of excellent quality to contribute the region & the nation.

Mission

Our mission is to provide electrical engineers with innovative ideas and skill which matches with current industrial standards.

PROGRAMME EDUCATIONAL OBJECTIVES (PEO's)

PEO 1- The students will have the skills and knowledge in the area of Electrical Engineering with sound foundation, essential engineering fundamentals and latest development in the field of Electrical Engineering.

PEO 2 - The students will have skill to participate successfully in implementation of multi-disciplinary projects

PEO 3 - The student will be promising and their communication will be strong for working in multi-disciplinary work environment

PEO 4 - To provide social responsibilities, solution for the development of environment and making them prompt in ethics.

PROGRAMME OUTCOMES (PO's)

PO1. **Basic knowledge:** Apply knowledge of basic mathematics, sciences and basic engineering to solve the broad-based Electrical engineering problems.

PO2. **Discipline knowledge:** Apply Electrical engineering knowledge to solve broad-based electrical engineering related problems.

PO3. **Experiments and practice:** Plan to perform experiments and practices to use the results to solve broad-based Electrical engineering problems.

PO4. **Engineering tools:** Apply relevant Electrical technologies and tools with an understanding of the limitations.

PO5. **The engineer and society:** Assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to practice in the field of Electrical engineering.

PO6. **Environment and sustainability:** Apply Electrical engineering solutions also for sustainable development practices in societal and environmental contexts.

PO7. **Ethics:** Apply ethical principles for commitment to professional ethics, responsibilities and norms of the practice also in the field of Electrical engineering.

PO8. **Individual and team work:** Function effectively as a leader and team member in diverse/ multidisciplinary teams.

PO9. **Communication:** Communicate effectively in oral and written form.

PO10. **Life-long learning:** Engage in independent and life-long learning activities in the context of technological changes also in the Electrical engineering and allied industry.

Programme Specific Outcomes (PSO)

PSO1 - An Ability to analyze and handle various parameters of Electrical System

PSO2 - An ability to apply knowledge, engineering skills and problem solving techniques in Electrical System

National Level Quiz Competition

The national level quiz competition is held in summer 2018 for the diploma students where students participated and won prizes



National Level Seminar Competition

The national level seminar competition is held in summer 2018 for the diploma students where students presented their topics and won prizes.



Industrial Visits in Session 2017-2018

**132 kV Substation, Malkapur
Under the guidance of Mr. V. Pathak
Dy. Executive Engineer
MSETCL 132 kV Sub Station, Malkapur**



**Yoggav Infra, Pune
Mr. Akshay Gaikwad.
Project Engineer**

**Electric Traction Distribution, Malkapur
Under the guidance of Senior Section
Engineer, ETD, Malkapur.**



**Ashtavinayak Industries Pvt. Ltd, C4
Dasarkhed MIDC, Malkapur
Under the guidance of
General Manager**

**Benzo Chemical Pvt. Ltd, Dasarkhed,
Malkapur.
Under the guidance of
Pralhad Zope.
General Manager**



**Maruti Packers, B18 Dasarkhed
MIDC, Malkapur
Under the guidance of
Prabhakar Choudhari.
Owner, Maruti Packers**

**Eco Boitech Pvt. Ltd, Dasarkhed MIDC,
Malkapur
Under the guidance of
Jagannath Jadhav.
Owner**



These industrial visits give the information related to the theoretical knowledge and practical knowledge. So the students can relate their basic knowledge during the industrial visit.

Personality Development in Session 2017-2018

**Dr, A. K. Gupta.
Sharda Group of Institution, Agra**



**Mrs. Padma Gupta
Social Worker, Agra**

**Mr. Nivrutti Patil. Social Worker,
Malkapur**

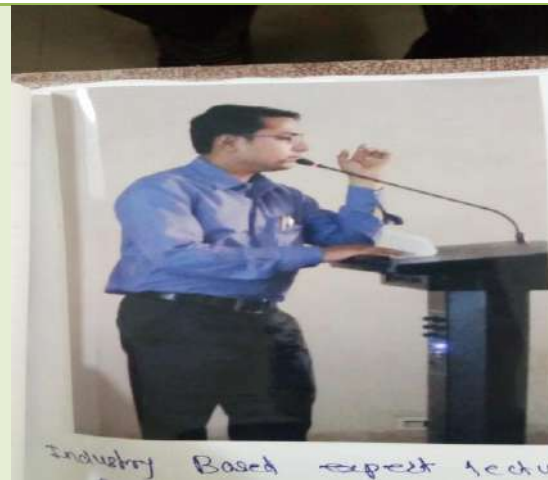


This personality development sessions are taken in the department by which student's self-esteem is boosted up and they can improvise themselves in lifelong learning

Industrial Expert Lectures

Ms. Dipashri Joshi.
Electro Unique Creations, Jalgaon

**Review of Electronics & Electrical
Components**



Mr. Salman Shah.
Manager, Electro Unique Creations,
Jalgaon

Microcontroller and Applications

Mr. Akshay Gaikwad.
Project Engineer,
Yoga Infra, Pune



Regular Sport Activities (IEDSSA2017-18)

The regular sports lecture is plan in each week to growth student's physical fitness and also it is helpful for them to make them play at state level or national or international level in future.



The Inter Engineering Diploma Students Sports Association State of Maharashtra (IEDSSA) Conduct State level sports Event for diploma students. This Event organized in different zones, each zone has number of sports conducted at different colleges.

IEDSSA 2018 Cricket sport was conducted by **Padm. Dr. V. B. Kolte**

College of Engineering, Malkapur (Polytechnic 2nd Shift) dated on 16th, 17th, 18th, 19th, and 20th January 2018.

Relish 2K18

Padm. Dr. V. B. Kolte College of Engineering, was conducted the cultural Event with the name of **“Relish 2K18”**, dated on 19st and 20nd February 2018.

In this event number of students have participated and demonstrated their talent.



STAFF'S TRAINING

1. Jayprakash D. Sonone, "Dahanu Thermal Power Station", Dahanu Road
2. Manoj R. Wankhade, "KEC International Limited", Nagpur
3. Antariksh R. Patil, "MSETCL", Vidyut nagar, Chandrapur, (HVDC)

STUDENT ACHIEVEMENTS

Nikita Fegade, Harshal Borole- 1st Winner of National Level Seminar Presentation organized by Padm. Dr. V. B. Kolte College of Engineering, Malkapur (Polytechnic 2nd Shift)

Rahil Khan, Javed Khan- 1st Winner National Level Quiz Competition organized by Padm. Dr. V. B. Kolte College of Engineering, Malkapur. (Polytechnic 2nd Shift)

Dhiraj Kharche, Shubham Kandelkar, Ayush Awasarmol, Gaurav Gaikwad - Cricket team (runner up) by IEDSSA 2017-18 at Padm. Dr. V. B. Kolte College of Engineering, Malkapur. (Polytechnic 2nd Shift)

TOPPERS

FIRST YEAR TOPPER:

Ms. Dhanashree Ashok Ghanokar (1I)- 87.14%

Ms. Dhanashree Ashok Ghanokar (2I)- 82.87%

SECOND YEAR TOPPER:

Ms. Minakshi Ingle (4G)- 75.29%

Ms. Poonam Balvant Panzade (4G)- 75.29%

FINAL YEAR TOPPER:

Ms. Nikita Fegade (5G)- 75.88%

Ms. Vaishali Haridas Satao (6G)-75.12%

EDITORIAL BOARD

★ ★ ★ ★ ★ ★ ★ ★ ★ ★

- PROF. J. D. SONONE, HOD'S HOD/EE
- PROF. MANOJ R. WANKHADE LECTURER/EE
- PROF. GAURAVSINGH RAJPUT, LECTURER/EE
- KAJAL SHELAR (ALUMNI)
- RAHUL GAWAI (STUDENT)
- S. D. PATIL (PARENT)

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