



**Padm. Dr. V. B. Kolte College of Engineering,
Malkapur
Polytechnic 2nd Shift**

**Muktainagar Nagar Road, Dist-Buldana, State-
Maharashtra**

**NEWS LETTER
2018-2019**

**Department of Electrical Engineering
Polytechnic 2nd Shift**

Vision

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

Mission

To implement innovative teaching, learning process.
To develop students for professional skills.
To prepare a learner forever & contribute towards Humanity.

Departmental Advisory Board

Mr. J. D. Sonone	Chairperson
Mr. A. R. Patil	Secretary
Mr. G. J. Rajput	Member
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EESA

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Member	Mr. Vinayak Mundhe
Member	Mr. Swaraj deshमुख
Member	Ms. Rutuja Shrivastava

About Department

Electrical Engineering Branch (Diploma) has been started since 2013-14. Four batches of the students have been passed out till summer 2019. Department had been started with two classrooms but at present condition there are sufficient classrooms and 09 well developed laboratories available at the electrical engineering department. The pillars of the department are well qualified and dedicated staff.

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.

Staff Members



Mr. Antariksh R. Patil
BE, ME (Pursuing)



Mr. Manoj R.
Wankhade
ME (E&P)



Mr. Dipak R. Joshi
BE, ME (Pursuing)



Mr. Gauravsingh Rajput
MTech (IPS)

Program Educational Objectives (PEOs)

PEO 1. Provide socially responsible, environment friendly solutions to Electrical engineering related broad-based problems adapting professional ethics.

PEO 2. Adapt state-of-the-art Electrical engineering broad-based technologies to work in multi-disciplinary work environments.

PEO 3. Solve broad-based problems individually and as a team member communicating effectively in the world of work.

Program Specific Outcomes (PSOs)

PSO 1. Electrical Equipment:
Maintain various types of rotating and static electrical equipment.

PSO 2. Electric Power Systems:
Maintain different types of electrical power systems.

Program Outcomes (POs)

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.

Tech Tantra-2k19 **National Level Quiz Competition**

(Staff Co-ordinator for event- Mr. Dipak Joshi)

The national level quiz competition is held in Summer-2019 for the diploma students where students participated in the technical quiz and have won prizes.



National Level Seminar Competition

(Staff Co-ordinator for event- Mr. Gauravsingh Rajput)

The national level seminar competition is held in Summer-2019 for the diploma students where students presented their topics and have won prizes.



National Level Poster Presentation

(Staff Co-ordinator for event- Mr. Antariksh R. Patil)

The national level poster presentation is held in Summer-2019 for the diploma students where students presented their posters on different topics and have won prizes.






Regular Sport Activities (IEDSSA2018-19)




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.

Industrial Visits in Session 2018-2019

Sr. No.	Industry Details	Photograph	Year
1	Ordinance Factory, Bhusawal	 <p data-bbox="592 688 1182 751">Industrial visit to Ordnance factory Bhusawal.</p>	<p data-bbox="1312 457 1453 489">2018-2019</p> <p data-bbox="1287 531 1477 594">Beneficiaries- 40</p> <p data-bbox="1307 636 1458 667">03/10/2018</p>
2	Electric Locomotive Workshop, Bhusawal	<p data-bbox="662 766 1133 829">Industrial visit to Railway Engine factory Bhusawal (POH -Bhusawal)</p> 	<p data-bbox="1317 888 1448 919">2018-2019</p> <p data-bbox="1279 951 1485 982">Beneficiaries- 40</p> <p data-bbox="1317 1014 1448 1045">15/09/2018</p>
3	Malkapur Railway Station (Signal System)	 <p data-bbox="589 1497 1141 1560">Industrial visit to Malkapur Railway Station Malkapur.</p>	<p data-bbox="1317 1297 1448 1329">2018-2019</p> <p data-bbox="1279 1360 1485 1392">Beneficiaries- 60</p> <p data-bbox="1317 1434 1448 1465">24/09/2018</p>

<p>4</p>	<p>Malkapur Railway Station (Traction System)</p>	 <p>Industrial visit to Electric Traction substation central railway Malkapur</p>	<p>2018-2019 Beneficiaries- 65 26/09/2018</p>
<p>5</p>	<p>Chandanshesh Heavy Electricals Khamgaon</p>		<p>2018-2019 Beneficiaries- 40 07/02/2019</p>
<p>6</p>	<p>Kuril Electricals MIDC Khamgaon</p>	<p>Industrial visit to MIDC Khamgaon. (Transformer Repairing Company)</p> 	<p>2018-2019 Beneficiaries- 40 07/02/2019</p>




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 2018-2019

Sr. No.	Personality Development Session	Photograph	Year
1	Prof. D. B. Bangal K. V. N. Naik Polytechnic, Nasik		2018-2019 Beneficiaries- 36 01/10/2018
2	Mr. Manohar M. Narkhede Social Worker Malkapur		2018-2019 Beneficiaries- 36 22/01/2019
3	Mr. Shobhatai Metange Buldana Jilha Samnvayak Gayatri Parivar		2018-2019 Beneficiaries- 36 30/01/2019
4	Arun Tukaram Navthale Pratinidhi Gayatri Parivar Malkapur		2018-2019 Beneficiaries- 25 31/01/2019

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 in Session 2018-19

Sr. No.	Industry Expert Session	Photograph	Year
1	<p>Mr. Mohd. Aaquie Lecturer, RambhauLingade Polytechnic, Buldana</p> <p>Basics of MAA & Power Electronics</p>	 <p style="text-align: center;">Industrial based expert lecture on Mr. Mohmd.</p>	<p>2018-2019</p> <p>Beneficiaries-65</p> <p>23/08/2018</p>
2	<p>Mr. C. N. Borole MCM Master Of Craftsman Railway Department, Fekari (Deepnagar)</p> <p>Electric Traction Motor & Overview of Railway Substation</p>	 <p style="text-align: center;">Industrial Based Expert lecture in Mr. Chandekant Borole. on Electric traction distribution.</p>	<p>2018-2019</p> <p>Beneficiaries-69</p> <p>31/08/2018</p>
3	<p>Mr. Anil S. Jaware Junior Engineer, Testing Unit MSETCL, Buldana</p> <p>Testing & Maintenance of Electrical Equipments</p>	<p style="text-align: center;">Industrial based expert lecture on EMT by Mr. Anil Jaware.</p> 	<p>2018-2019</p> <p>Beneficiaries-36</p> <p>02/03/2019</p>

4	<p>Mr. Mahesh Gawande Manager Chandenshesh Heavy Electricals & Engineering Works, MIDC Khamgaon</p> <p>Switchgear & Protection</p>		<p>2018-2019 Beneficiaries-36 22/02/2019</p>
5	<p>Mr. Ashwin Waghulde Manager Kuril Electricals & Engineering Works, MIDC Khamgaon</p> <p>Transformer manufacturing and repairing</p>		<p>2018-2019 Beneficiaries-36 01/03/2019</p>
6	<p>Mr. Sanjay Ingle Manager Ashish Electricals, MIDC Jalgaon</p> <p>Transmission & Distribution of Electrical Power</p>		<p>2018-2019 Beneficiaries-36 02/03/2019</p>
7	<p>Mr. R. A. Zambre Junior Engineer, MSEDCL 33/11kV Substation Naigaon (Nandura)</p> <p>Switchgear & Protection</p>		<p>2018-2019 Beneficiaries-68 03/09/2018</p>

The industrial expert lectures are taken in every semester by electrical department for teaching the content beyond syllabus topic to students. This increases the versatility of the student during his diploma course.

Three day workshop on Electrical CAD in Session 2018-19

The three day certified workshop on Electrical CAD was arranged by the department for students. The resource person Mr. Rushil Gove (ME CAD-CAM) conducted the workshop and has spread the knowledge about Computer Aided Design which helps in Electrical Engineering.



Participated Students with Mr. Rushil Gove

STAFF'S TRAINING (2018-19)

- 1. Mr. Gauravsingh J. Rajput** , “Team Ferro Alloys”, Gondia (MSBTE Training)
- 2. Mr. Antariksh R. Patil**, “MSETCL”, Vidyutnagar, Chandrapur, (HVDC) (MSBTE Training)
- 3. Mr. Dipak R. Joshi**, “MSETCL”, Vidyutnagar, Chandrapur, (HVDC) (MSBTE Training)

STUDENT'S ACHIEVEMENTS:-



DhanashriGhanokar, GayatriBhopale1st Winner of National Level Seminar Presentation organized by Padm. Dr. V. B. Kolte College of Engineering, Malkapur



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



GayatriBhopale, RutujaShrivias–1stWinner National Level Poster Presentation organized by Padm.Dr. V. B. Kolte College of Engineering, Malkapur. (Polytechnic 2nd Shift)

TOPPERS :-

FIRST YEAR TOPPER:

Mr. MahadeoBhagat - 77.38%

Mr. Darshan Kale - 71.50%

Mr. ShoebPathan - 71.13%

SECOND YEAR TOPPER:

Ms. GayatriBhopale - 87.07%

Ms. DhanashriGhanokar - 80.53%

Mr. VinayakMundhe - 66.67%

FINAL YEAR TOPPER:

Mr. ShubhamGosavi - 71.00%

Ms. PoonamPanzade - 70.50%

Ms. MayuriChopade - 68.38%

EDITORIAL BOARD

★ ★ ★ ★ ★ ★ ★ ★ ★ ★

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- PROF. MANOJ R. WANKHADE LECTURER/EE
- PROF. GAURAVSINGH RAJPUT, LECTURER/EE
- GANESH KALE (ALUMNI)
- GAYATRI BHOPALE (STUDENT)
- S. D. PATIL (PARENT)

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