



## Marathwada Mitra Mandal's COLLEGE OF ENGINEERING, PUNE

Permanently Affiliated to SPPU | Accredited with A++ grade by NAAC | Recipient of Best College award by SPPU  
Accredited by NBA (Electrical and Mechanical Engg.) | Recognized under 2(f) and 12(B) of UGC Act 1956

### Department of Electrical Engineering "Where Ideas Spark and Technology Connects"

# ELECTROBUZZ

A Quarterly E-Newsletter

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Faculty Editor: Mr. Nikhil S. Shelke

Student Editor: Mr. Pranav Kamble

#### HOD's Desk



hidden potential of the students by continuously motivating them by providing various platform. We ignite the spark in students and keep it alive by providing them exposure to various software tools, well equipped laboratories, and interaction with industry experts and extensive hands-On.

With Autonomous status for MMCOE from June 2024, Department has modified curricular syllabus which showcase more inputs from Industry Experts.

Each issue of newsletter is a milestone and it highlights the growth of the department through the achievements of faculty and students. Education gives to the world a technocrat, but if it is rightly molded with sports, technical activities, and self-developments then it gives a good human being. These innovative skills of both faculty and students highlighted in the newsletter, presents the overall development of the department. I congratulate all along with the editorial team of the newsletter for the hard work and dedication in achieving the targets. I wish good luck to all the students, faculty and staff.

#### Dear Readers,

#### Greetings!!!

It gives me immense pleasure to address the budding engineers of Electrical Department. MMCOE has provided excellent opportunities for the students to fulfill their dream of becoming an engineer. The electrical department contributes towards the same and strives hard to harness the

**Dr. M. A. Deshpande**  
HoD Electrical Dept.



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**COLLEGE OF ENGINEERING**

An Autonomous Institute | Approved by AICTE New Delhi  
Recognised by Directorate of Technical Education Mumbai  
Affiliated to Savitribai Phule Pune University

- NAAC Accredited with A++ Grade
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## Department of Electrical Engineering

### *Vision*

To be center of excellence in electrical engineering by developing globally skilled professionals through innovation, sustainability and technological growth.

### *Mission*

M1: To provide quality education in electrical engineering through multidisciplinary, practical and industry oriented learning.

M2: To develop ethical and skilled engineers with expertise in emerging electrical technologies.

M3: To nurture lifelong learning and adaptability for addressing global, societal and future challenges.

### ***Program Educational Objectives (PEO)***

Engineering Graduates will be able to:

PEO1: Impart innovation and core knowledge to identify, analyze and solve the electrical engineering problems.

PEO2: Excel in Research and enhance their industry oriented professional skills.

PEO3: Demonstrate leadership qualities to lead diverse teams and exhibit commitment towards societal and global needs.

### ***Program Specific Outcomes (PSOs)***

After successfully completing the degree program. Electrical engineering graduates will be able to:

PSO1: Design and validate efficient electrical system through core and professional skills .

PSO2: Exhibit multidisciplinary skills in the area of Robotics, AI and Machine Learning for Electrical engineering applications.

PSO3: Formulate sustainable solutions for research in societal and industrial needs pertaining to green technology.



www.mmcoe.edu.in  
E: mmcoe@mmcoe.edu.in



(020) 25479811/12  
M: (+91) 7720097780 / 81 / 82



Sr. No. 18, Plot No. 5/3, CTS No- 205,  
Karvenagar, Pune- 411052

**Teaching Staff: -**

Sr.No.	NAME & PHOTO	QUALIFICATION	DESIGNATION	EXPERIENCE
1.	 <b>Dr. M. A. Deshpande</b>	PhD	Professor & HOD	30 Years
2.	 <b>Dr. A. V. Satpute</b>	PhD	Associate Professor	15 Years
3.	 <b>Dr. V. S. Bugade</b>	PhD	Associate Professor	24 Years
4.	 <b>Dr. S. N. Thakur</b>	PhD	Assistant Professor	22 Years
5.	 <b>Mr. A. M. Suryawanshi</b>	M.E.	Assistant Professor	10.5 Years

6.		M.E.	Assistant Professor	10.4 Years
7.		M.E.	Assistant Professor	8.7 Years
8.		M.E.	Assistant Professor	12 Years
9.		M. Tech. PhD Pursuing	Assistant Professor	6.5 Years
10.		M.E.	Assistant Professor	33 Years

11.		M. Tech. PhD Pursuing	Assistant Professor	15 Years
12.		M.E.	Assistant Professor	15.2 Years
13.		M. Tech.	Assistant Professor	9 Years

### Non-Teaching staff:

Sr. No.	Name	Qualification	Designation	Experience in yrs.
1		B.E. (Electrical)	Lab Assistant	7 Years
2		MCVC, B.A.	Lab Assistant	10 Years
3		I.T.I. IVT V.T	Lab Assistant	31 Years

➤ **Workshop organized by Department:**

Sr. No.	Workshop	Participants	Conducted on
1	30 days GTT foundation training program on Electric Vehicle	50	06/10/2025
2	Solar PV by WAAREE	71	30/09/2025



➤ **FDP & Workshop Attended by Department Faculty:**

Sr. No.	Workshop	Participants	Conducted on
1	High Temperature Insulations by "IEEMA"	02	14/11/2025
2	NEP 2020 Orientation and Sensitization Programme by Malaviya Mission	04	09/12/2025
3	NCBP on Research & Publications IIT Dharwad	07	08/12/2025
4	Faculty Industrial training	08	15/06/2025
5	Bechtel training Program	25	14/11/2025
6	IEEMA delegation Visit to C4i4 Lab	02	13/12/2025



## ➤ Industrial Visit:

Sr. No.	Industrial Visit	Participants	Conducted on
1	Serum Institute 220kv/22kv H.T. MSEDCL Substation	65	11/10/2025
2	HVDC Padghe, Mumbai	45	30/09/2025
3	Ramakant Electricals, Pune	44	18/09/2025



## ➤ Expert Lectures:

Sr. No.	Details of Session	Participants	Conducted on
1	“The Entrepreneurial Fire” ITM Course	38	08/10/2025
2	Power Electronics & EV	54	13/10/2025
3	Power System & Digitization	40	31/10/2025
4	Human Rights: Professional Ethics	34	14/10/2025
5	Solar PV by Waaree Energy ltd.	71	30/09/2025
6	Trade related aspects of IPR	50	10/09/2025



➤ NEW LAB SETUP:

Sr. No.	LAB Details
1	EV Lab
2	WAAREE Energy Solar BOS Prototype Lab



### ➤ EESA Activity:

Sr. No.	Activity	Participants	Conducted on
1	Dusherra Puja	70	01/10/2025
2	Shree Ganesh Festival Celebration	35	29/08/2025
3	Visit to Shiv-Srushti, Ambegaon	65	11/10/2025



## ➤ Online certification courses completed by students:

Sr. No.	Name of NPTEL Course
1	Developing soft skill and personality
2	Soft Skill Development
3	Power system protection and Switchgear
4	LaTeX training

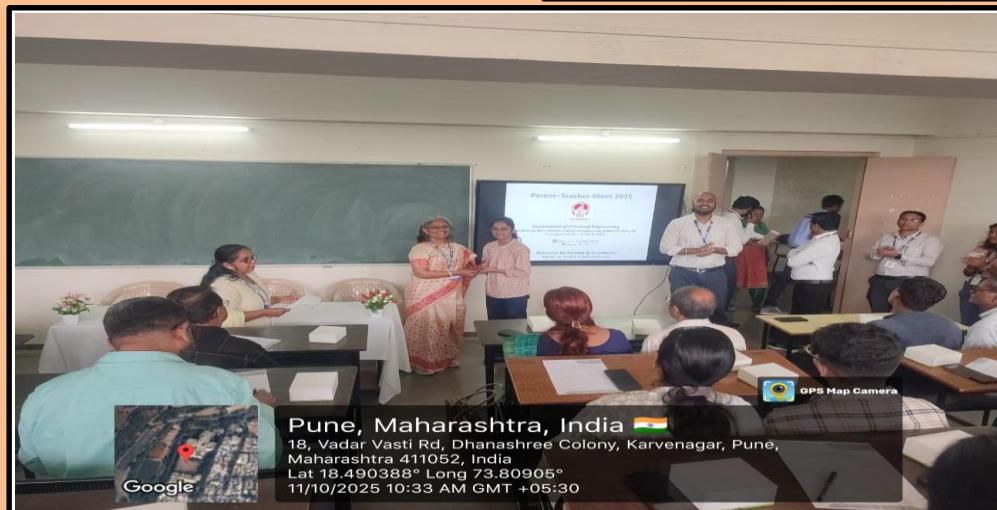


## ➤ MoU's with Industry:

Sr. No.	Industry Name	Conducted On
1	Erigo Energy Solutions Pvt. Ltd., Pune	27/09/2025
2	Fast Earthing Enterprises, Pune	30/09/2025
3	SK Energy, Pune	06/10/2025



### ➤ Parent Teacher Meet Conducted on 11/10/2025



## ➤ Community Engagement Program:

Sr. No.	Activity	No. of Participants	Conducted on
1	Visit to Creative People NGO	50	13/10/2025
2	Visit to Vandevi Temple & Hingane Home Colony for Safety Awareness & Cleaning Program	50	31/10/2025

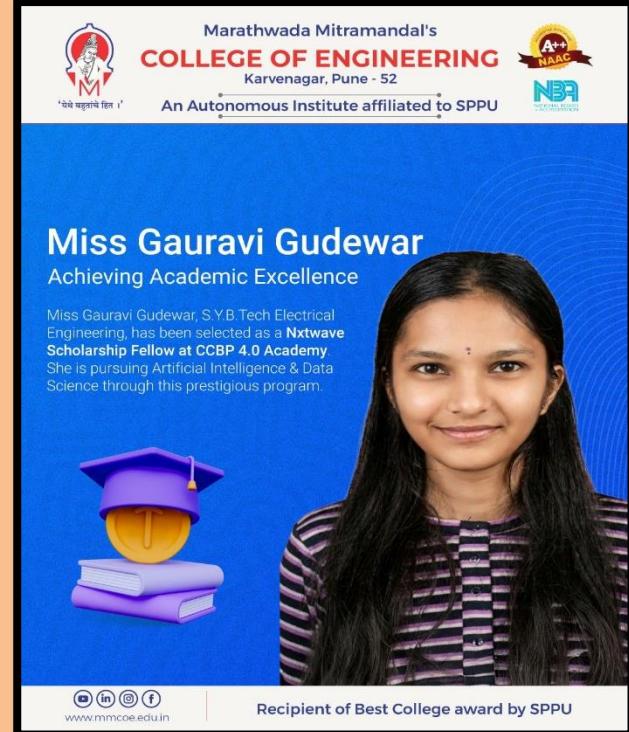


## ➤ Faculty Achievements (Patents & Book Publications):

Sr. No.	Patent/Book Name	Guide/Author Name	No. of student Participants
1	Solar panel cleaning Robot	Dr. Mrunal Deshpande , Dr. Vilas Bugade	11
2	Smart Earthing Monitoring & Alert System	Dr. Mrunal Deshpande , Dr. Vilas Bugade	12
3	Fuzzy graph theory in Healthcare Management	Dr. Supriya Thakur	10
4	Cryptography & Network Security	Dr. Supriya Thakur, PKS Publications, Delhi	-

## ➤ Student Achievement:

Our S.Y. B. Tech. student Ms. Gauravi Gudewar has been selected as a Nxtwave Scholarship Fellow at CCBP 4.0 Academy and Awarded with 1.60 lakh Scholarship for four Years.



## ➤ Placements till Date:

Sr. No.	Name of Students	Name of Employer	Package (LPA)
1	Jadhav Suyash Santosh	Metecno India	4.2
2	Jamadar Tejas Pravin	Metecno India	4.2
3	Bhange Deeksha Abhijeet	Infosys	3.6
4	Nirantar Shradha Shivajirao	Infosys	3.6
5	Jadhav Harshali Sshivaji	Fox Solutions Pvt. Ltd.	4.2
6	Raut Sanskar Sanjay	Ramelex Pvt. Ltd.	2.5