



**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING  
SHEGAON - 444203 (M.S., INDIA)**

**DEPARTMENT OF ELECTRICAL ENGINEERING**

**Institution of Engineers (India)**

**Department of Electrical Engineering Students' Chapter**

**Newsletter**

**2023-24 Autumn Semester (Volume: 9; Issue: 1)**



## VISION OF DEPARTMENT

**To impart high quality education and excel research in  
Electrical Engineering to serve the global society**

## MISSION OF DEPARTMENT

1. To develop excellent learning center through continuous interaction with Industries, R&D centers and Academia.
2. To promote excellence in teaching and research.
3. To produce competent, entrepreneurial and committed Electrical Engineers with high human values for professional career and higher studies.

## PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

Graduates, within five years after graduation, should demonstrate

1. PEO 1: Expertise and use it for problem solving in analysis & design of electrical system.
2. PEO 2: Commitment in the engineering profession or other professional careers with high human values.
3. PEO 3: Lifelong learning and adapting to a constantly changing field through graduate work, professional experience and self-study.
4. PEO 4: Leadership and initiative to ethically advance professional and organizational goals and facilitate the achievements of others.
5. PEO 5: Teamwork to commitment for working with others of diverse cultural and interdisciplinary backgrounds.

## STUDENT ACHIEVEMENTS



Ms. Jayashri Shetye, student of 3<sup>rd</sup> Year Electrical Engineering, won Bronze Medal at the 37<sup>th</sup> National Games held at Goa.



Ms. Amruta Patil, student of 3<sup>rd</sup> Year Electrical Engineering, secured First Position in Mehendi Competition at Youth festival, SGBAU Amravati.

## FACULTY PUBLICATIONS

- ✚ Dr. A. U. Jawadekar published a technical paper entitled - Transformer Incipient Fault Diagnosis using supervised Machine Learning in International Conference on Recent Advances in Engineering and Computer Applications (ICRAECA-2023).
- ✚ Prof. R. S. Kankale, Dr. S. R. Paraskar, Dr. S. S. Jadhao published a technical paper entitled - A Hilbert Transform Based Approach for Classification of Power Quality Disturbances in International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering (IJREEICE).
- ✚ Prof. P. R. Dhabe, Dr. S. R. Paraskar, Dr. S. S. Jadhao published a technical paper entitled - Battery State of Charge Estimation Methods – A Critical Review in International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering (IJREEICE).

## FACULTY CERTIFICATIONS

- ✚ Prof. P. R. Bharambe successfully completed a Coursera certificate course on “Advanced Study of Protection Schemes and Switchgear”.
- ✚ Prof. P. R. Bharambe successfully completed a Coursera certificate course on “Basics of Electrical Protection System”.
- ✚ Prof. P. R. Bharambe successfully completed a Coursera certificate course on “Electric Protection System”.
- ✚ Prof. R. S. Kankale successfully completed a Coursera certificate course on “Basics of Electrical Protection System”.
- ✚ Prof. R. S. Kankale successfully completed a Coursera certificate course on “Electrical Power Distribution”.
- ✚ Prof. M. R. Chavan successfully completed a Coursera certificate course on “Data Science Orientation”.
- ✚ Prof. P. R. Dhabe successfully completed a Coursera certificate course on “Introduction to Battery Management Systems”.

## STUDENT CERTIFICATIONS

- ✚ Aachal Masne, Aniruddha Palaskar, Gaurav Zade, Kunal Pissudde & Sarthak Paraskar, students of Second Year Electrical Engg successfully completed a NPTEL certificate course on “Sustainable Power Generation Systems”.
- ✚ Arpit Giratkar, Arpit Giratkar students of Third & Final Year Electrical Engg successfully completed a NPTEL certificate course on “Advances in UHV Transmission and Distribution”.
- ✚ Prajwal Chincholkar, student of Third Year Electrical Engg successfully completed a Udemmy certificate course on “Java Programming for Complete Beginners”.
- ✚ Prajwal Khokle, student of Third Year Electrical Engg successfully completed a Coursera certificate course on “Foundations of User Experience (UX) Design”.
- ✚ Siddhant Deshmukh, student of Third Year Electrical Engg successfully completed a Coursera certificate course on “Solar Energy Basics”.
- ✚ Tejas Khelkar, student of Third Year Electrical Engg successfully completed a certificate course on “Web Development”.
- ✚ Om Shelke & Prajwal Donge, students of Final Year Electrical Engg successfully completed a NPTEL certificate course on “Power System Protection and Switchgear”.
- ✚ Gauri Jayale, Janvi Rajput, Abhishek Kalyankar, Jatin Ghage & Pratik Asolkar, students of Final Year Electrical Engg successfully completed a Coursera certificate course on “MV Substation - An Industrial approach”.
- ✚ Kalyani Raut, Nikita Kalore, Pallavi Karale, Radhika Deshmukh, Shruti Thakre, Vaishnavi Khedkar, Chetan Ambalkar, Shubham Chandal & Vinit Jagtap, students of Final Year Electrical Engg successfully completed a Coursera certificate course on “Electrical Power Distribution”.
- ✚ Shreya Dipke & Pratham Rathod & Yash Ingle, students of Final Year Electrical Engg successfully completed a Coursera certificate course on “Electric Power Systems”.
- ✚ Vaishnavi Sushir, student of Final Year Electrical Engg successfully completed a Coursera certificate course on “Electric Utilities Fundamentals and Future”.
- ✚ Yash Sharma, student of Final Year Electrical Engg successfully completed a Coursera certificate course on “Data Visualization with Python”.



## SEMINARS / WORKSHOPS / TECHNICAL EVENTS



A Two-Day Workshop on **“Operation and Control of Power System”** organized by IEI- Electrical Department Students’ Chapter for B.E. Final Year Electrical Engg students, conducted by Mr. A. G. Patil (Retired Executive Engineer, MSEDCL) during 3<sup>rd</sup> – 4<sup>th</sup> Aug 2023.



Expert Talk on **“Introduction to AutoCAD Electrical”** organized by IEI- Electrical Department Students’ Chapter for B.E. Third & Final Year Electrical Engg Students, delivered by Mr. Shantanu Deshmukh (Energy & Electrical Consultant) on 11<sup>th</sup> Aug 2023.



Live Streaming of the **“Landing of Chandrayan – 3 on Moon”** organized by IEI- Electrical Department Students’ Chapter for B.E. Electrical Engg students on 23<sup>rd</sup> Aug 2023.



A Five-Day Workshop on **“Industrial Approach in Electronics”** organized by IEI- Electrical Department Students’ Chapter for B.E. Second Year Electrical Engg Students, conducted by Mr. Sanjay Chaudhari (Director, Electronics Study Centre, Nashik) during 14<sup>th</sup> – 18<sup>th</sup> Sept 2023.



A Five-Day Workshop on **“AutoCAD Electrical”** organized by IEI- Electrical Department Students’ Chapter for B.E. Third & Final Year Electrical Engg Students, conducted by Mr. Shantanu Deshmukh (Energy & Electrical Consultant) during 14<sup>th</sup> – 18<sup>th</sup> Sept 2023.



A One-Week Workshop on **“PLC and Industrial Automation”** organized by IEI- Electrical Department Students’ Chapter for B.E. Third & Final Year Electrical Engg Students, conducted by Prolific Systems & Technologies Pvt. Ltd during 25<sup>th</sup> Sept to 2<sup>nd</sup> Oct 2023.

## STUDENT TRAININGS

- Forty Students from Third Year Electrical Engineering successfully completed one week training **“Familiarization with Power System & Solar PV and Power System Awareness”** at TATA POWER Skill Development Institute, Shahad during 11th December – 16th December 2023.
- Uday Lande and Nirmal Shinde, students of Third Year Electrical Engineering completed one month internship **“Functional Software testing for products, process and tools”** at Marquardt, Pune during 18th December 2023 to 12th January 2024.

## STUDENT PLACEMENTS

Sr. No.	Name of the Company	No. of students placed	Name of the students placed	Package Offered in Lacks P.A.
1	Fox Solutions Pvt.Ltd., Nashik	01	1) Harsh Sontakke	5.46
2	Torrent Power Limited, Thane.	07	1) Avanti Nachankar 2) Chetan Ambalkar 3) Kalyani Raut 4) Naveen Tiwari 5) Pranali Patil 6) Sakshi Jungade 7) Shruti Thakare	4.80
3	TATA Consulting Engineers.	01	1) Chetan Ambalkar	4.50
4	Zoho Corporation Pvt. Ltd., Nagpur	02	1) Kalyani Raut 2) Sakshi Jungade	2.40

## IE(I) – ELECTRICAL STUDENTS' CHAPTER

Sr. No.	Student Name	Class	Designation
1	Om Anil Adhau	3S	Chairperson
2	Nitin Pralhad Bhingare	23	Vice Chairperson
3	Ku. Mrunal Anilrao Onkar	3S	Secretary
4	Ku. Ankita Vinod Bharambe	3S	Technical Advisor
5	Harsh Ravindra Fulare	2S	
6	Hrushikesh Shivpalsingh Shekharwar	2S	
7	Ku. Divya Parvarish Chandak	2S	
8	Ku. Vaishnavi Arvind Chanekar	3S	Program Manager
9	Ku. Simrankaur Gurmitsingh Chavan	2S	
10	Rushikesh Ramesh Payghan	2S	
11	Abhishek Vijay Adakane	2S	
12	Om Nivrutti Nemade	3S	Publicity Manager
13	Sarthak Sudhir Paraskar	2S	
14	Palash Sanjay Belsare	2S	
15	Ku. Sakshi Shivaji Awkale	2S	
16	Ku. Sampada Prasanna Palaskar	3S	Resource Manager
17	Abhishek Shrikrushna Dhamode	2S	
18	Ku. Ruchita Mahadeo Ghate	2S	
19	Arjun Santosh Pachpor	2S	

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