



**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**

**2021-22 Spring Semester (Volume: 7; Issue: 2)**



## **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.**

## **DEPARTMENT ACHIEVEMENTS**

**The Department of Electrical Engineering has established a State-of-the-art Center of Excellence for E Mobility.**

## **FACULTY ACHIEVEMENTS**

**Mr. P. R. Bharambe, Dr. S. R. Paraskar & Dr. S. S. Jadhao received Best Paper Award for the paper presented in Scopus Indexed Springer International Conference on Recent Evolution in Engineering Drives and e-Vehicles (REEDeV-2022) organized by St. Vincent Pallotti College of Engineering, Nagpur during 16th – 17th September, 2022.**

## FACULTY PUBLICATIONS

- ✚ Dr. S. R. Paraskar, Dr. A. U. Jawadekar, Dr. S. S. Jadhao published a technical paper entitled Assessment of Artificial Neural Network-based Induction Motor Fault Classifier Using Continuous Wavelet Transform in Novel Perspectives of Engineering Research Vol. 7, 14 February 2022.
- ✚ Dr. S. R. Paraskar published a technical paper entitled Study on Discrimination between Inrush and Fault in Transformer: ANN Approach in Novel Perspectives of Engineering Research Vol. 8, March 2022.
- ✚ Prof. R. Z. Fulare, Prof. V. S. Karale published a technical paper entitled Discrimination Between inrush and fault Condition in transformer : A Probabilistic Neural Network Approach in Science, Technology and Development (STD), 2021.
- ✚ Prof. P. R. Bharambe, Prof. R. S. Kankale published a technical paper entitled Mitigation of power Quality disturbances using Facts Device in International Journal of Scientific Research in Engineering and Management (IJSREM), 2021.
- ✚ Prof. U. A. Jawadekar published a technical paper entitled Grid interconnected PVA interfaced high efficiency water pumping system with sensorless FOC PMSM drive in The International journal of analytical and experimental modal analysis, 2021.
- ✚ Dr. Ajay kumar Damral published a technical paper entitled An Overview of Fuel Cell Technology in Renewable Energy Journal, 2021.
- ✚ Prof. B. S. Rakhonde, Prof. P. R. Dhabe published a technical paper entitled Power Quality Improvement using Modified Synchronous Reference Frame Theory in IRJMETS, vol 4, Issue 04, April 2022.
- ✚ Prof. P. R. Dhabe published a technical paper entitled Solve Selective Harmonic Elimination Problem with a new Metaheuristic Optimization Algorithm in International Conference on Recent Advances in Material, Manufacturing and Machine Learning, April 2022.

## STUDENT INTERNSHIPS & TRAININGS

- ✚ Mr. Chinmay Patil from third year Electrical Engineering successfully completed three-months internship on “Numerical Relay Testing Kit and Power BI” at L&T Electrical & Automation during 5<sup>th</sup> January – 31<sup>st</sup> March 2022.
- ✚ Mr. Amit Bahekar from third year Electrical Engineering successfully completed 45 days training on “Model Based Design of Electrical & Electronic Systems” at Advanced Center for Energetic Materials, Nashik during 16<sup>th</sup> December 2021 – 28<sup>th</sup> January 2022.
- ✚ Mr. Amit Bahekar and Mr. Rohan Paralikar from third year Electrical Engineering successfully completed one month internship on “100MW Floating solar Water plant (NTPC)” at Ramagundam, Telangana during 1<sup>st</sup> February – 27<sup>th</sup> February 2022.
- ✚ Mr. Kaushal Dave from third year Electrical Engineering successfully completed two-month internship at JK Tyres during 5<sup>th</sup> January – 21<sup>st</sup> February 2022.


**SHRI SANT GAJANAN MAHARAJ  
COLLEGE OF ENGINEERING, SHEGAON**


The Institution of Engineers (India)  
Department of Electrical Engineering Students' Chapter

Organizes 3-Day Hands-on Workshop

**"Introduction to MATLAB Simulink & Programming"**



**Date :- 10th - 12th Feb 2022**  
**Time :- 11:00 AM - 01:00 PM**  
**Participants :- 3rd Year  
Electrical Engineering  
Students**  
**Venue:- PLC Lab,  
ELPO Dept.,  
SSGMCE, Shegaon**

**Resource Person(s)**

**Prof. G. N. Bonde**  
**Prof. P. R. Dhabe**  
 Electrical Engineering Dept.,  
SSGMCE, Shegaon

**Prof. P. R. Dhabe** Faculty Advisor (IEI)   
**Prof. P. R. Bharambe** Faculty Advisor (IEI)   
**Dr. S. R. Paraskar** HOD, ELPO   
**Dr. S. B. Somani** Principal

3-Day Hands-on Workshop on **"Introduction to MATLAB Simulink & Programming"** organized by Institution of Engineers India (IEI) Department of Electrical Engineering Students' Chapter for B.E. Third Year Electrical Engg Students during 10<sup>th</sup> - 12<sup>th</sup> February 2022.


**SHRI SANT GAJANAN MAHARAJ  
COLLEGE OF ENGINEERING, SHEGAON**



The Institution of Engineers (India)  
Department of Electrical Engineering Students' Chapter

Organizes Seminar

**"You Can & You MUST WIN - Career Strategy"**

**Date :- 3rd March 2022**  
**Time :- 12:00 PM - 01:00 PM**  
**Participants :- 3rd Year  
Electrical Engineering  
Students**  
**Venue:- 2s Classroom**

**Resource Person**

  
**Mr. Hemant Patil**  
 Founder & CEO  
 NextPhase Advisors LLP

**Prof. P. R. Dhabe** Faculty Advisor (IEI)   
**Prof. P. R. Bharambe** Faculty Advisor (IEI)   
**Dr. S. R. Paraskar** HOD, ELPO   
**Dr. S. B. Somani** Principal

A seminar on **"You Can & You MUST WIN - Career Strategy"** organized by Institution of Engineers India (IEI) Department of Electrical Engineering Students' Chapter for B.E. Third Year Electrical Engg Students, delivered by Mr. Hemant Patil, CEO, NextPhase Advisors LLP, New Mumbai on 3rd March 2022.


**SHRI SANT GAJANAN MAHARAJ  
COLLEGE OF ENGINEERING,  
SHEGAON**


The Institution of Engineers (India)  
Department of Electrical Engineering Students' Chapter

Organizes

Orientation Program On

**Industrial Approach in  
Electronics and Arduino  
Programming**

**Target Group : 2nd Year  
Electrical Engineering  
Students**  
**Date And Time**  
 14 March 2022  
 11:00 Am to 01:00 Pm  
**Venue**  
 A2 Classroom

**Resource Person**

  
**Mr. Sanjay Chaudhari**  
 Director,  
 Electronics Study Centre,  
 Nashik

**Prof. P. R. Dhabe** Faculty Advisor(IEI)   
**Prof. P. R. Bharambe** Faculty Advisor(IEI)   
**Dr. S. R. Paraskar** HOD, ELPO   
**Dr. S. B. Somani** Principal

An orientation Program on **"Industrial Approach in Electronics and Arduino Programming"** organized by Institution of Engineers India (IEI) Department of Electrical Engineering Students' Chapter for B.E. Third Year Electrical Engg Students, delivered by Mr. Sanjay Chaudhari, Director, Electronics Study Centre, Nashik on 14th March 2022.

## STUDENT PLACEMENTS

Sr. No.	Name of Company	No. of students placed	Name of the placed students	Package Offered in LPA
1	ABB Limited, Nashik	04	1) Amisha Lonagre 2) Roshan Rajas 3) Sumit Mahajan 4) Shripad Chopde	7.5
2	HCL Technologies, Pune	01	1) Ashutosh Ingle	4.25
3	Birla Soft India Pvt.Ltd., Pune	03	1) Krutika Akhare 2) Neha Deshmukh 3) Shyam Kokate	4.00
4	Infosys Limited, Bangalore	03	1) Nidhi Agrawal 2) Nishant Akhare 3) Ashwini Rajagur	3.60
5	QSpider Pvt. Ltd., Pune	08	1) Arpita Ingle 2) Ashwini Rajagur 3) Komal Tayade 4) Manjusha Ingle 5) Preeti Fulare 6) Punam Makh 7) Rohan Pachpor 8) Sakshi Mhaske	3.50
6	Tech Mahindra Ltd., Hyderabad	01	1) Shyam Kokate	3.25
7	FACE Prep., Coimbatore	05	1) Manjusha Ingle 2) Neha Deshmukh 3) Shyam Kokate 4) Sumit Mahajan 5) Yashashri Patil	3.06
8	Neilsoft, Pune	04	1) Lokesh Gulhane 2) Pratik Bhivate 3) Roshan Rajas 4) Shivani Manatkar	3.00

**Publisher:**

**Dr. S. R. Paraskar**  
Head, Electrical Engg. Department  
SSGMCE, Shegaon

**Editorial Team:**

**Chief Editor(s): Prof. P. R. Bharambe, Prof. P. R. Dhabe**  
**Editors : Mr. Gaurav Kedar, Mr. Pratik Hiralkar,**  
**Mr. Prathmesh Kalpande, Mr. Jayesh Bansod**