



**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**

2022-23 Autumn Semester (Volume: 8; 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.**

FACULTY ACHIEVEMENTS



Prof. P. R. Bharambe received First Prize in Post PG Category at University level AVISHKAR 2022 Competition and represented the University at State Level Competition AVISHKAR 2022.

FACULTY PUBLICATIONS

- ✦ Prof. P. R. Bharambe, Dr. S. R. Paraskar, Dr. S. S. Jadhao published a technical paper entitled A Novel algorithm for discrimination of the magnetizing inrush current and internal fault current of a transformer using Teager Energy Operator and Artificial Neural Network in AICTE Sponsored springer international conference on recent evolutions in energy drives and e vehicles (REEDeV-2022).
- ✦ Dr. S. R. Paraskarpublished a technical paper entitled Review on control Technique of DC-DC Cuk Converter for Various Application in AICTE Sponsored springer international conference on recent evolutions in energy drives and e vehicles (REEDeV-2022).
- ✦ Dr. A. U. Jawadekarpublished a technical paper entitledEnhancing performance of hybrid electric vehicle using optimized energy management methodology in AICTE Sponsored springer international conference on recent evolutions in energy drives and e vehicles (REEDeV-2022).
- ✦ Prof. R. S. Kankale, Dr. S. R. Paraskar, Dr. S. S. Jadhao published a technical paper entitled Development of wavelet and ANN based algorithm in labview environment for classifying the power quality disturbances in AICTE Sponsored springer international conference on recent evolutions in energy drives and e vehicles (REEDeV-2022).
- ✦ Prof. M. R. Chavan, Dr. A. U. Jawadekarpublished a technical paper entitledPCA and ANN Based Induction Motor Fault Classification in AICTE Sponsored springer international conference on recent evolutions in energy drives and e vehicles (REEDeV-2022).
- ✦ Prof. R. S. Kankale, Dr. S. R. Paraskar, Dr. S. S. Jadhao published a technical paper entitled Generation of power Quqlity Disturbances Required for the performance Assessment of different Power Quality Monitoring Algorithm using Multiple Approaches in International Journal of Advanced Research in Science , Communication and Technology (IJARSCT).
- ✦ Dr.R. S. Potepublished a technical paper entitled Modelling and installation of grid connected rooftop solar PV system in International Journal of Advanced Research in Science, Communication and Technology (IJARSCT).
- ✦ Dr. R. S. Pote published a technical paper entitled Detection and Classification of Power Quality Disturbances in Emerging Power System using Soft Computing Techniques: A Review in International Journal of Creative Research Thoughts (IJCRT), Volume 10, Issue 7 July 2022.

STUDENT TRAININGS

- ✦ Fifty 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 31st October – 5th November 2022.

WEBINARS & TECHNICAL EVENTS

SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON
The Institution of Engineers (India)
Department of Electrical Engineering Students' Chapter

Organizes an Expert Talk on the eve of Engineer's Day
"Affordable and Clean Energy - The New Paradigm of Sustainable Development & Role of Electrical Engineers"

Date :- 15th Sept. 2022
Time :- 12:00 PM Onwards
Participants :- 3rd Year & 4th Year Electrical Engineering Students
Venue:- A3 Classroom ELPO Dept. SSGMCE, Shegaon

Expert Speaker
Dr. D. P. KOTHARI
Ph.D., FNAE, FNASAE,
Fellow-IEEE, LMISTE,
Hon Fellow - ISTE

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

Expert Talk on “Affordable and Clean Energy- The New paradigm of Sustainable Development and Role of Electrical Engineers” organized by IEI- Electrical Department Students’ Chapter for B.E. Third & Final Year Electrical Engg Students, delivered by Dr. D. P. Kothari (Former Director, IIT Bombay) on 15th September 2022.

Shri Sant Gajanan Maharaj College of Engineering SHEGAON, MAHARASHTRA, INDIA
The Institution of Engineers (India)
Department of Electrical Engineering Students' Chapter

Organizes Webinar on
Career Opportunities for Electrical Graduates & Importance of GATE

Date & Day : 26th Nov 2022
Time : 11:00 AM to 12:00 Noon
Target Group : 2nd & 3rd year ELPO Students

Platform : Zoom

Session Link : shorturl.at/osjV3

Mr. Ramesh Pabba
B.E., M.Tech., Ph.D.
(Faculty, ACE Engineering Academy)

@IeI_Electrical_ssgmce linkedin.com/in/ssgmce @AlumniSsgmce

Webinar on “Career Opportunities for Electrical Graduates & Importance of GATE” organized by IEI- Electrical Department Students’ Chapter for B.E. Second & Third Year Electrical Engg Students, delivered by Mr. Ramesh Pabba (Faculty, ACE Engineering Academy) on 26th Nov 2022.

WEBINARS & TECHNICAL EVENTS



Felicitation of University Sports Rank Holders and the Students who served as Office Bearers in the IEI – Electrical Student Body 2021-22, organized by IEI- Electrical Department Students’ Chapter on 3rd December 2022.



Technical Quiz Competition “The Mind Fizz” organized by IEI- Electrical Department Students’ Chapter for Engineering Students on 4th December 2022.



A Two – Day Workshop on “Transformer Fundamentals and Testing” organized by IEI- Electrical Department Students’ Chapter for Second Year Electrical Engineering Students, delivered by Mr. Sunil Sardey (Retired Executive Engineer, MHETCL) during 16th – 17th December 2022.



Shri Sant Gajanan Maharaj
College of Engineering
SHEGAON, MAHARASHTRA, INDIA



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

Organizes One Day Workshop on
Solar PV System

Date : 29th Dec 2022

Time : 11:00 AM to 05:00 PM

**Venue : Solar Research Center,
SGIARC**

**Target Group : 2nd year
ELPO Student**



Dr. Ajay Kumar Damral
B.E., M.E., Ph.D.
(Faculty, SSGMCE Shegaon)

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

[@iei_electrical_ssgmce](https://www.instagram.com/iei_electrical_ssgmce) [linkedin.com/in/ssgmce](https://www.linkedin.com/in/ssgmce) [@Alumnissgmce](https://www.facebook.com/Alumnissgmce)

One – Day Workshop on “Solar PV System” organized by IEI- Electrical Department Students’ Chapter for Electrical Engineering Students, delivered by Dr. Ajay Kumar Damral (Faculty, SSGMCE) on 29th December 2022.



SSGMCE SHEGAON

GUIDANCE SESSION FOR TORRENT POWER PLACEMENT DRIVE BY ALUMNI

Organised by
IEI -Electrical along with T&P Cell



Live!

Date: 19th February 2023
Time: 12:00 pm
Platform: Online mode

Resource person:-
Tushar Hingne
current working in
Torrent as GET
Komal Changal
6 month experience in
Torrent as GET & now
working in TCS

Company:Torrent Power
Thane -West
Drive

Mr.M.R.Chavan (T&P coordinator) Mr.P.R.Dhabe (Faculty Advisor IEI) Mr.P.R.Barambe (Faculty Advisor IEI) Dr.S.R.Paraskar (HOD ELPO Engr.) Dr.S.B.Somani (Principal)

Guidance Session for Torrent Power Placement Drive organized by IEI- Electrical Department Students’ Chapter for Final Year Electrical Engineering Students on 19th February 2023.



A Two – Day Workshop on “Power Distribution, Automation and SCADA System” organized by IEI- Electrical Department Students’ Chapter for Third Year Electrical Engineering Students, delivered by Mr. Sunil Sardey (Retired Executive Engineer, MHETCL) during 22nd – 23rd February 2023.

STUDENT ACHIEVEMENTS



Mithilesh Joshi, student of Final Year Electrical Engineering, received Five Gold Medals for Scoring the Highest Marks in all Engineering Disciplines in SGBAU Summer 2021 Examination.



Ku. Jayashri Shetye, student of 2nd Year Electrical Engineering, felicitated at the hands of Honorable Governor of Maharashtra for winning Gold and Bronze Medal at Asian Pencak Silat Championship 2022 and National Pencak Silat Championship 2022 respectively.

STUDENT PLACEMENTS

Sr. No.	Name of Company	No. of students placed	Name of the students placed	Package Offered in Lacks P.A.
1	ABB Limited, Nashik.	12	1) Abhijeet Solanke 2) Abhishek Bathe 3) Chinmay Patil 4) Ku. Gauri Masne 5) Harshal Shegokar 6) Ku. Homeshwari Deotale 7) Jayesh Bansod 8) Ku. Sakshi Aware 9) Ku. Sejal Hattel 10) Ku. Tejal Thakare 11) Ku. Vaishnavi Bhalerao 12) Ku. Vaishnavi Maharkhede	8.00
2	Expleo Group, Pune.	01	1) Jayesh Bansod	5.00
3	Aker Solutions Pvt. Ltd., Mumbai.	01	1) Harshal Shegokar	4.50
4	Hexaware Technologies, Pune	01	1) Tejas Bhoiwad	4.00
5	Tata Consultancy Services Ltd., Pune	10	1) Akshay Bathe 2) Ankita Madiwale 3) Bhushan Gandhi 4) Kunal Badhe 5) Pratik Hiralkar 6) Rahul Katore (S) 7) Saurabh Satao (S) 8) Shriprasad Gawande 9) Tejal Thakare 10) Vaishnavi Bhalerao	3.36

Publisher:

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

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