

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 <u>Newsletter</u> 2022-23 Autumn Semester (Volume: 8; Issue: 1)



VISION OF	To impart high quality education and excel research in				
DEPARTMENT	Electrical Engineering to serve the global society				
MISSION OF DEPARTMENT	 To develop excellent learning center through continuous interaction with Industries, R&D centers and Academia. To promote excellence in teaching and research. 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.

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	4	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).
	4	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).
	4	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).
FACULTY PUBLICATIONS	4	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).
	4	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).
	4	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).
	4	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).
	4	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



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.



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



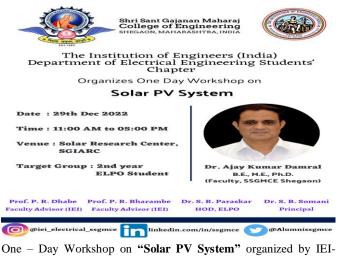
Felicitation of University Sports Rank Holders and the Students who served as Office Bearers in the IEI – Electrical Student Body 2021-22, organized by IEI- Electrical Department Students' Chapter on 3rd December 2022.



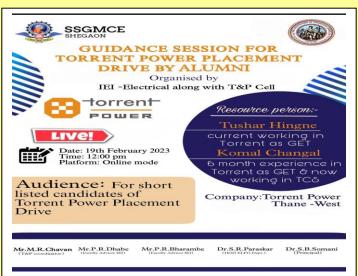
Technical Quiz Competition **"The Mind Fizz"** organized by IEI-Electrical Department Students' Chapter for Engineering Students on 4th December 2022.



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.



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.



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	 Abhijeet Solanke Abhishek Bathe Chinmay Patil Ku. Gauri Masne Harshal Shegokar Ku. Homeshwari Deotale Jayesh Bansod Ku. Sakshi Aware Ku. Sejal Hattel Ku. Tejal Thakare Ku. Vaishnavi Bhalerao 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 Bhoinwad	4.00
5	Tata Consultancy Services Ltd., Pune	10	 Akshay Bathe Ankita Madiwale Bhushan Gandhi Kunal Badhe Pratik Hiralkar Rahul Katore (S) Shriprasad Gawande Tejal Thakare Vaishnavi Bhalerao 	3.36

Publisher:	Editorial Team:
Dr. S. R. Paraskar	Chief Editor(s): Prof. P. R. Bharambe, Prof. P. R. Dhabe
Head, Electrical Engg. Department	Editors : Mr. Shreyas Tayade, Mr. Charul Palkar,
SSGMCE, Shegaon	Ms. Pallavi Karale, Ms. Pranali Patil