



**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 Spring Semester (Volume: 8; 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.

FACULTY ACHIEVEMENTS



Dr. S. R. Paraskar elected as the Chairman of the Board of Studies – Electrical Engineering in SGBAU, Amravati



Dr. S. S. Jadhao elected as the Member of the Board of Studies – Electrical Engineering in SGBAU, Amravati

FACULTY PUBLICATIONS

- ✚ Prof. R. S. Kankale, Dr. S. R. Paraskar, Dr. S. S. Jadhao published a technical paper entitled “Classification of power quality disturbances using the unique combination of Hilbert transform image processing and K nearest neighbour” in IEEE international conference on Emerging trends in engineering and medical science (ICETESM 2022).
- ✚ Dr. R. S. Pote published a technical paper entitled “Three Phase Grid Connected Inverter for Solar Photovoltaic Systems” in International Journal for Research in Applied Science and Engineering Technology (IJRASET).
- ✚ Dr. R. S. Pote published a technical paper entitled “Generation of Single and Multiple Power Quality Disturbances Using Integral Mathematical Models” in International Journal of Advanced Research in Science, Communication and Technology (IJARSCT).
- ✚ Dr. A. U. Jawadekar published a technical paper entitled “Making Smart Helmet for Smart City” in International Journal of Advanced Research in Science, Communication and Technology (IJARSCT).
- ✚ Prof. R. S. Kankale, Dr. S. R. Paraskar, Dr. S. S. Jadhao, Prof. P. R. Bharambe published a technical paper entitled “A statistical Approach to Discriminate the Magnetizing Inrush Current and Internal Fault current of a transformer” in International Journal for Research in applied Science & Engineering Technology (IJRASET).

WEBINARS & TECHNICAL EVENTS


SSGMCE
SHEGAON


torrent
POWER

GUIDANCE SESSION FOR TORRENT POWER PLACEMENT DRIVE BY ALUMNI
Organised by
IEI -Electrical along with T&P Cell

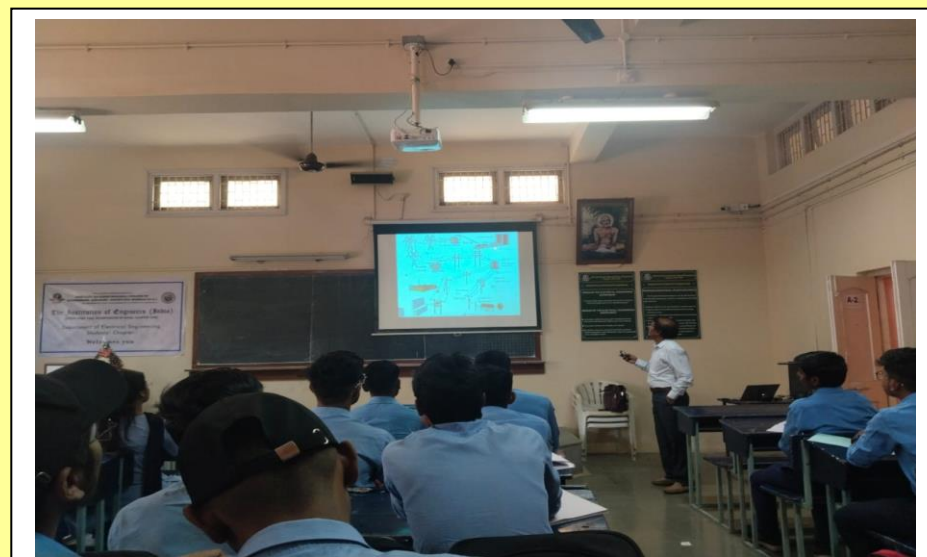
Live!
Date: 19th February 2023
Time: 12:00 pm
Platform: Online mode

Audience: For short listed candidates of Torrent Power Placement Drive

Resource person:-
Tushar Hingne
current working in Torrent as GET
Komal Chhangal
6 month experience in Torrent as GET & now working in TCS
Company: Torrent Power Thane -West

Mr.M.R.Chavan
(T&P coordinator)
 Mr.P.R.Dhabe
(Faculty Advisor IED)
 Mr.P.R.Bharambe
(Faculty Advisor IED)
 Dr.S.R.Paraskar
(HOD ELPO Dept.)
 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 PUBLICATIONS

Sr. No	Title of the Paper	Author	Details of the Journal/Conference
01	Design and Development of E-Cargo Bicycle	Tejal Thakare, Harsha Lande, Abhishek Bathe, Faizankhan Pathan, Prathamesh Kalpande	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT), Volume 3, Issue 5, May 2023
02	Design and Development of UAV Based Pesticide Sprayer in Agriculture Application	Gaurav Kedar, Amit Bahekar, Nishant Matode, Rohan Paralikar, Suraj Wagh, Sanket Wankhede	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT), Volume 3, Issue 8, April 2023
03	Making Smart Helmet for Amart City	Apurva Dabhade, Vaishnavi Urkude, Aishwarya Kathole, Gayatri Masne, Tejaswini Masne, Uday Deshmukh	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT), Volume 3, Issue 8, April 2023
04	Development of Anti-Riot Electric Shield for Defense Agency	Abhijeet Solanke, Hitesh Chandewar, Aditya Dhoran, ShrunkhalBambode, Prachi Chafale, Homeshwari Deotale	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT), Volume 3, Issue 3, May 2023
05	Indoor Solar Based Cooking Stove with Storage	Saurabh Satao, Harshal Shelke, Yashwant Dahibhat, Harish Thokane, Parth Gawande, Pratik Maghade	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT), Volume 3, Issue 2, May 2023
06	Solar Based EV Charging Station using RFID	Prajwal Thakare, Harshal Shegokar, Revati Borde	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT), Volume 3, Issue 4, April 2023
07	Design of State of Charge Estimation Method for Battery Management System of Electric Vehicle	Gayatri Eadaskar, Neha Akhade, Shreya Dambe, Gaurav Khedkar, Gaurav Ghenge, Jayesh Pingale	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT), Volume 3, Issue 5, May 2023
08	Miniature Working Model of 33/11 kV Substation	Ankita Madiwale, Gauri Masne, Sejal Hattel, Tanuja Wankhade, Vaishnavi Maharkhede	International Journal of Advanced Research in Science, Engineering and Technology, Volume 10, Issue 4, April 2023
09	Transmission Line Faults Analysis using S-Transform and ANN	Chinmay Patil, Kaushal Dave, Pratik Hiralkar, Rahul Katore, Tejas Bhoiawad, Vaishnavi Bhalerao	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT), Volume 3, Issue 5, May 2023
10	Design and Control of Microgrid Fed by Renewable Energy Generating Source	Kunal Badhe, Kunal Gunjal, Shriprasad Gawande, Anuroop Jadhav, Vishwajeet Solanke, Vaibhav Wankhede	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT), Volume 3, Issue 5, May 2023
11	EV Charging Station using RFID Technology based on Solar	Akshay Bathe, Aniket Patekar, Rutuja Hirade	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT), Volume 3, Issue 4, May 2023
12	Power Generation by using Animal Waste	Azhar Fakira, Saqulain Nazir, Prajwal Deshmukh, Mayuri Kharpate, Manjushree Narwade, Aakansha Nardange	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT), Volume 3, Issue 4, May 2023
13	Charging Station for E-Vehicle using Renewable Source	Aishwarya Tayade, Bhushan Gandhi, Deepali Kharate, Jayesh Bansod, Pranali Kharate, Sakshi Aware	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT), Volume 3, Issue 7, May 2023

STUDENT PLACEMENTS

Sr. No.	Name of Company	No. of students placed	Name of the students placed	Package Offered in Lacks P.A.
1	Adani Electricity, Mumbai	15	1) Abhishek Bathe 2) Amit Bahekar 3) Aniket Patekar 4) Ankita Madiwale 5) Azhar Fakira 6) Chinmay Patil 7) Faizankhan Pathan 8) Gaurav Kedar 9) Gauri Masne 10) Harshal Shegokar 11) Mayuri Kharpate 12) Prajwal Thakare 13) Saurabh Satao 14) Tejas Bhoinwad 15) Vaishnavi Bhalerao	6.00
2	Torrent Power Ltd. Bhiwandi	09	1)Abhijit Solanke 2)Deepali Kharate 3)Harsha Lande 4)Harshal Shelke 5)Haarsih Thokane 6)Manjushri Narwade 7)Nishant Matode 8)Parth Gawande 9)Prajwal Thakare	6.00
3	Universal Transformers Pvt.Ltd., Bhopal	01	1) Suraj Wagh	5.00
4	Pregrad, Noida	01	1) Gayatri Eadaskar	4.00
5	Clariant Power Systems Limited, Pune	01	1) Homeshwari Deotale	3.50
6	Set On Site Electrical Pvt. Ltd., Ch. Sambhajinagar	02	1) Kaushal Dave 2) Prathamesh Kalpande	3.00
7	SCOPE T&M Pvt. Ltd., Pune	02	1) Aishwarya Tayade 2) Gayatri Eadaskar	3.00
8	One Asia Network India Pvt. Ltd., Khamgaon	01	1) Hitesh Chandewar	2.40
9	BYJUs, Bangalore	01	1) Revati Borde	7.00

STUDENT INTERNSHIPS & TRAININGS

- ✚ Forty Students from third year Electrical Engineering successfully completed one week training “Thermal Power plant Operation and Maintenance” at Adani Thermal Power Station, Dahanu during 19th June – 24th June 2023.
- ✚ Shriprasad Gawande, student of third year Electrical Engineering, completed one month internship “Electrical Maintenance” at Department Of Atomic Energy, GOI during 6th June – 7th July 2023.
- ✚ Yash Sharma, Shubham Changal, Shreyas Patil, Prathamesh Potdar, Juned Khan, students of third year Electrical Engineering, completed two weeks internship “Transformer Maintenance” at Jagdamda Electricals And Engineering Works during 13th June – 30th June 2023.
- ✚ Mrudula Belsare, student of third year Electrical Engineering, completed one week internship “Legal Metrology-Industrial Familiarization” at Ministry Of Consumer Affairs Food & Public Distribution during 7th July – 15th July 2023.
- ✚ Juned Khan, student of third year Electrical Engineering, completed one week internship “Function of Thermal Power Plant” at Rattan India Power Ltd. during 1st July – 30th July 2023.
- ✚ Eleven Students from third year Electrical Engineering successfully completed an internship “Transformer Maintenance” at SAP Industries during 1st July – 9th July 2023.
- ✚ Gauri Jayale, student of third year Electrical Engineering, completed two weeks internship “Transformer Maintenance” at Soham Heavy Electricals during 5th June – 20th June 2023.
- ✚ Amogh Jaronde, Vinit Jagtap, students of third year Electrical Engineering, completed one week internship “Electric Locomotive Operation and Maintenance” at Electric Locomotive Ajni Central Railway during 12th June – 17th June 2023.
- ✚ Shankar Bondre, Ankit Wagh, Aniket Shingote, Pratik Wagh, Shivraj Patil, Sadanand Bhonge, students of second year Electrical Engineering, completed 10 days internship “Working Of Transformer & Industrial Training” at Jagdamba Electronics And Engineering Works during 7th July – 16th July 2023.
- ✚ Chirag Tiwari, Darshan Lajurkar, students of second year Electrical Engineering, completed 10 days internship “Transformer Maintenance” at Chandanshesh Heavy Electrical & Engineering Work during 7th July – 17th July 2023.
- ✚ Twenty Three Students from second year Electrical Engineering successfully completed 10 days internship at Soham Heavy Electricals during 7th July – 17th July 2023.
- ✚ Prasad Agrawal, student of second year Electrical Engineering, completed one month internship “Air Pollution Control System” at THERMAX Ltd Pune during 1st July – 31st July 2023.

IEI – ELECTRICAL STUDENT BODY

Sr. No.	Name	Class	Post Assigned
1	Shreyas Rajendra Tayade	3S	Chairperson
2	Ku. Sakshi Prakash Jungade	3S	Vice Chairperson
3	Ku. Pallavi Sanjay Karale	3S	Secretary
4	Junedkhan Jamsheed Khan	3S	Technical Advisor
5	Ku. Ankita Vinod Bharambe	2S	
6	Ku. Sakshi Raju Sondkar	3S	Program Manager
7	Charul Mohan Palkar	3S	
8	Ku. Vaishnavi Keshav Pesode	2S	
9	Ku. Shruti Sanjay Thakare	3S	Publicity Manager
10	Lokesh Sanjay Raut	3S	
11	Ku. Shruti Ganesh Palhade	2S	
12	Ku. Pranali Vijay Patil	3S	Resource Manager
13	Rohan Homraj Kamdi	3S	
14	Ku. Sampada Prasanna Palaskar	2S	

Publisher:

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

Editorial Team:

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Editors : Mr. Shreyas Tayade, Mr. Lokesh Raut,
Mr. Rohan Kamdi, Ms. Sakshi Jungade