

## 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 Autumn Semester (Volume: 7; 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.

### DEPARTMENT ACHIEVEMENTS

Electrical Engineering Department, SSGMCE Shegaon, signed MoU with ISIE India to establish Centre of Excellence for Electric Vehicle in the college campus.

## FACULTY ACHIEVEMENTS

Dr. Sudhir Paraskar received Best Scientist Award - 2021 in Engineering, Science & Medicine from VDGOOD Technology Factory, Coimbatore, India.

# FACULTY PUBLICATIONS

- → Prof. R. S. Kankale, Dr. S. R. Paraskar, Dr. S. S. Jadhao published a technical paper entitled Classification of power Quality Disturbances in emerging power system with distributed generation using space phasor model and normalized cross correlation in 8<sup>th</sup> International Conference on smart computing and communications (ICSCC 2021) organized by Muthut Institute of Technology and Science Kochi during 1-3<sup>rd</sup> July 2021.
- → Prof. R. S. Kankale, Dr. S. R. Paraskar, Dr. S. S. Jadhao published a technical paper entitled Classification of Power Quality Disturbances in Emerging Power System Using Discrete Wavelet Transform and K-Nearest Neighbor in International Conference on Smart Innovations for Society (ICSIS) 2021, held online during August 20-21, 2021 at Poornima Institute of Engineering & Technology, Jaipur, Rajasthan.
- ♣ Prof. G. N. Bonde, Dr. S. R. Paraskar, Dr. S. S. Jadhao published a technical paper entitled Review on Detection and Classification of Underlying Causes of Power Quality Disturbances using Signal Processing and Soft Computing Technique in International conference on Artificial Intelligence & .Energy Systems (AIES 2021) held online during 8<sup>th</sup> and 9<sup>th</sup> Dec 2021 at St. Joseph's College of Engineering and Technology, Palai, Kerala.
- → Prof. R. S. Kankale, Dr. S. R. Paraskar, Dr. S. S. Jadhao published a technical paper entitled Classification of power quality disturbances in emerging power system using S-transform and support vector machine in 2021 IEEE 2<sup>nd</sup> International conference on Electrical Power and Energy Systems (ICEPES 2021) MANIT Bhopal, India, Dec 10-11, 2021.
- → Dr. S. S. Jadhao, K. M. Bhutada published a technical paper entitled Simulation of Unified Series Shunt Compensator for Power Quality Improvement in Journal of Control System and its Recent Development, Vol 4, Issue 1 page 1-12, 2021 (HBRP Publication).

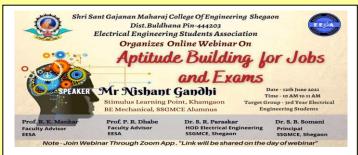
#### STUDENT INTERNSHIPS

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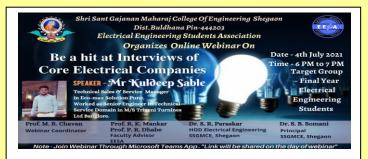
TRAININGS

- ♣ Mr. Jayesh Bansod from third year Electrical Engineering successfully completed 4-week internship "Model Based Design of Electrical & Electronic Systems" at Decibels Lab during 7<sup>th</sup> June − 3<sup>rd</sup> July 2021.
- ♣ Mr. Divyanshu Raj from final year Electrical Engineering successfully completed 15 days Vacation Training at K.T.C. Koradi (MAHAGENCO) during 12<sup>th</sup> − 26<sup>th</sup> July 2021.
- Fifty students from Electrical Engineering Department attended one month training "Electrical Engineering @ Large Scale Industries" at Adani Dahanu Power Station (Technical Training Station) during 2<sup>nd</sup> − 28<sup>th</sup> August 2021.
- ↓ Ku. Mayuri Kahrpate and Ku. Vaishnavi Bhalerao from third year Electrical Engineering successfully completed One Month Internship on "Electrical Vehicle" at Elite Techno Groups of Electric Vehicle during 18<sup>th</sup> August 16<sup>th</sup> September 2021.
- ↓ Ku. Gauri Jayale from second year Electrical Engineering successfully completed 1-month internship on "TI-RTOS ARM Cortex M4F Microcontroller" at EduGate University Program during 18<sup>th</sup> August 16<sup>th</sup> September 2021.
- ♣ Mr. Amit Bahekar from third year Electrical Engineering successfully completed 45-days internship on "Modification in Power Train and Electronics Of Battery-Operated Cart" at Advanced Center for Energetic Materials, Nashik during 16<sup>th</sup> December 2021 28<sup>th</sup> January 2022.

#### **WEBINARS & TECHNICAL EVENTS**



Webinar on "**Aptitude Building for Jobs and Exams**" organized by Electrical Department Students' Chapter for B.E. Third Year Electrical Engg Students, delivered by Mr. Nishant Gandhi (Stimulus Learning Point, Khamgaon (M.S.)) on 12<sup>th</sup> June 2021.



Webinar on "**Be a hit at Interviews of Core Electrical Companies**" organized by Electrical Department Students' Chapter for B.E. Final Year Electrical Engg Students, delivered by Mr. Kuldeep Sable (Technical Sales & Service Manager, Eco-max Solutions, Pune) on 4<sup>th</sup> July 2021.

#### **WEBINARS & TECHNICAL EVENTS**



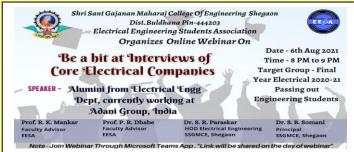
Webinar on "Industrial Electrical Designing & Training" organized by Electrical Department Students' Chapter for B.E. Final Year Electrical Engg Students, delivered by Mr.Amit Ingole (Technical Director, EDCS Technicals Pvt. Ltd., Thane (M.S.)) on 31st July 2021.



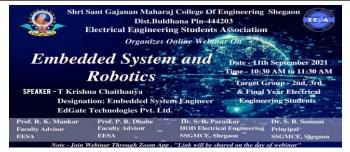
Webinar on "Up your Preparation for Campus Interviews" organized by Electrical Department Students' Chapter for B.E. Third and Final Year Electrical Engg Students, delivered by Mr. Yash Gyanchandani & Mr. Mithilesh Joshi (SSGMCE Alumni placed in Reputed MNCs) on 28<sup>th</sup> August 2021.



Webinar on "Master of Design Courses and Career as Designers" organized by Electrical Department Students' Chapter for B.E. Second Year Electrical Engg Students delivered by Mr. Dharmesh Tank (Career Councelor, SSGMCE Alumni) on 10<sup>th</sup> October 2021.



Webinar on "**Be a hit at Interviews of Core Electrical Companies**" organized by Electrical Department Students' Chapter for B.E. Final Year Electrical Engg Students, delivered by Alumni of Electrical Department SSGMCE (Working at Adani Electricity, Mumbai) on 6<sup>th</sup> August 2021.



Webinar on "**Embedded System and Robotics**" organized by Electrical Department Students' Chapter for B.E. Second, Third & Final Year Electrical Engg Students, delivered by Mr. T Krishna Chaithanya (Embedded System Engineer, EdGate Technologies Pvt. Ltd.) on 11<sup>th</sup> September 2021.



Webinar on "Introduction to MATLAB Simulink" organized by IEI- Department of Electrical Engineering Students' Chapter for B.E. Electrical Engg Students delivered by Dr. Sarika Patil (Assistant. Professor YCCE Nagpur (MS)) on 30<sup>th</sup> October 2021.



A technical event "**Technobuzz**" organized by Electrical Department Students' Chapter for Engineering Students of all branches conducted on 11<sup>th</sup> December 2021.

### 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 Ltd., Mumbai.	02	1)Anand Umak 2)Mohan Kalaskar	4.10
2	Torrent Power Ltd, Bhiwandi Mumbai.	04	1)Ku. Maheshwari Wakode 2)Ku. Komal Changal 2)Prajwal Range 4)Pranit Gulhane 5)Tushar Hingne	3.25
3	Byju's The Learning App.	01	1) Rushabh Tijare	5.10
4	Accenture Ltd., Pune	03	1) Ku. Nikita Janekar, 2)Ku. RoshaniPalve 3)Ku. Sadiya Abdul	4.50
5	Cognizant Technology Solutions, Pune	09	1)Ku. PrajaktaDudhe 2)Ku. SmitaShegokar 3)Ku. TanviShelokar 4)AkashVinchankar 5)Shivam Sable 6)Abhay Deshmukh 7)Ku. Vaishnavi Pathak 8)Ku. NisargaRele 9)Malhar Morey	4.00
6	Wipro Ltd.	08	1) Shivam Sable 2)Ku. Anuksha Raut 3)Aditya Mahore 4)Nishant Akhare 5)Priyatosh Chatterjee 6)Rushikesh Bodade 7)Shripad Chopde 8)Vedant Warfade	3.50
7	TCS Ltd., Pune	04	1) Suraj Bardiya 2)Ku. Vaishnavi Pathak 3)Ku. Neha Gavande 4)Ku. Pranita Wankhade	3.36
8	Infosys Ltd., Bangalore	04	1) Saurabh Khobragade 2)Ku. Harsha Janjal 3)Aniket Bodade 4)Vinayak Gawande	2.60
9	TATA Motors Apprenticeship	04	1) Ku. Shruti Diwate 2)Arjun Dhamode 3)Hritik Sharma 4)Ku. Vijaya Podey	2.40
10	Limelight Research Pvt. Ltd.	01	1) Sukrut Deshmukh	2.40
11	One Asia Network India Private LTD, Khamgaon	01	1) Dipak Wankhade	2.40
12	HCL Technologies Ltd.	05	1) Arpit Naskari 2)Vishal Agarkar 3)Ku. Amita Gawai, 4)Ku. Nikita Chandurkar 5)Ku. Sejal Jadhav	2.40

Publisher:	Editorial Team:	
Dr. S. R. Paraskar	Chief Editor(s): Prof. P. R. Bharambe, Prof. P. R. Dhabe	
Head, Electrical Engg. Department	Editors: Mr. Gaurav Kedar, Mr. Pratik Hiralkar,	
SSGMCE, Shegaon	Mr. Prathmesh Kalpande, Mr. Jayesh Bansod	