

# SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING SHEGAON - 444203 (M.S., INDIA)

#### **DEPARTMENT OF ELECTRICAL ENGINEERING**



<u>EESA Newsletter</u> 2020-21 Autumn Semester (Volume: 6; 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.

Electrical Engineering Department received a grant of Rs. 285000 (Two Lakhs & Eighty-five thousand) from AICTE to organize One Week Short Term Training Program on Software Utility for Teaching & Research in Electrical Engineering.









Ph.D. AW<u>ARDED</u>



Dr. R. S. Pote Conferred with Ph.D. by Sant Gadge Baba Amravati University, Amravati

# FACULTY ACHIEVEMENTS

→ Dr Sudhir Paraskar received International Researcher Award for 2020-21 session from I2OR (I2OR is registered with Ministry of MSME, Govt. of India).

# FACULTY PUBLICATIONS

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#### PARTICIPATIONS

- → Dr. A.U. Jawadekar published a technical paper entitled voltage profile enhancement using dynamic voltage restorer (dvr) under three phase balance load in international research journal of engineering and technology (irjet) volume: 07 issue: 07 | july 2020 e-issn: 2395-0056 p-issn: 2395-0072 page 2941-2949.
- → Prof. U. A. Jawadekar published a technical paper entitled Implementation of facts devices to improve power system stability in International Research Journal of engineering and technology (IRJET) Vol 7, Issue 9, Sept 2020.
- ↓ Dr. A .U. Jawadekar and Prof. V. S. Karale published a technical paper entitled Condition Monitoring Of Three Phase Induction Motor Based on IOT in International Journal of Electrical Engineering and Ethics- Volume 3 Issue 4, August 2020.
- ↓ Dr. S. S. Jadhao published a technical paper entitled Design and Control of Capacitor-Supported Dynamic Voltage Restorer for Mitigation of Power Quality Disturbances in Advances in Electrical and Computer Technologies. Lecture Notes in Electrical Engineering, vol 672. Springer, Singapore. https://doi.org/10.1007/978-981-15-5558-9\_105(2020).
- ↓ Dr. A .U. Jawadekar published a technical paper entitled Image Processing based Induction Motor Fault Detection using Lab VIEW in International Research Journal of Engineering and Technology (IRJET) Volume: 07 Issue: 09 | Sep 2020 e-ISSN: 2395-0056.
- Prof. U. A. Jawadekar participated in One week online training program on "Experiences in solar energy challenges and opportunities" at Pimpri chinchwad COE, Pune.

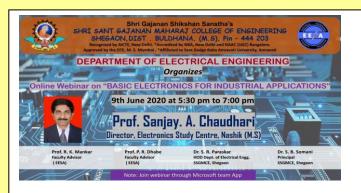
## STUDENT INTERNSHIPS

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## TRAININGS

- ♣ Mr. Yash Saharkar student of third year electrical engineering Successfully completed Coursera online courses of Introduction to CSS3, Technical Support Fundamentals, Interactivity with JavaScript, Introduction to HTML5Google IT Support, IT Security: Defense against the digital dark arts, Operating Systems and You: Becoming a Power User, System Administration and IT Infrastructure Services.
- Mr. Rohan Pachpor student of third year electrical engineering successfully completed Coursera online courses of Interfacing with the Arduino, Programming Fundamentals.
- Mr. Raj Udapurkar student of third year electrical engineering successfully completed Coursera online courses of Programming Fundamentals, Interfacing with the Arduino and also Undergone 1 month (6/07/2020 to 5/08/2020) internship at M & S Trainings (Startup).
- ♣ Mr. Adarsh Moon student of third year electrical engineering participated in National Level
  Online quiz on "Basic Electrical Engineering", and international online workshop on Learning
  Management System E-learning tools, two days online workshop on "Virtual Conduct of
  Electrical Machines Laboratory".
- ★ Ku. Komal Gajanan Tayade completed 4week training on Energy Management and Conservation at Internship Studio sponsored by National Engineering Olympaid.

### **WEBINARS**



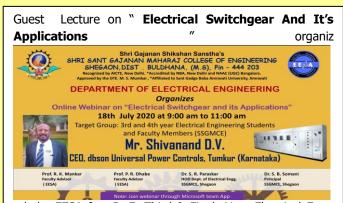
Guest Lecture on "Basic Electronics For Industrial Application" organized by EESA for B.E. Second Year Electrical Engg Students delivered by Mr. Sanjay A. Chaudhari (Director, Electronics Study Centre, Nashik (M.S)) dated on 9/6/2020.



Guest Lecture on "Garbage in Garbage out: How to avoid in Machine Learning using Python" organized by EESA for B.E. Second, Third & Final Year Electrical Engg Students delivered by Mr. Gopal Sakarkar (Dept of AI, G. H. Raisoni College of Engg Nagpur(MS)) dated on 19/6/2018.



Guest Lecture on **"Choosing Career & Industry Readines"** organized by EESA for B.E. Final Year Electrical Engg Students delivered by Mr. Vijay Wankhade(SAP Technology Architech, John Deere India Pvt Ltd Pune (MS)) dated on 10/10/2020.



ed by EESA for B. E. Third & Final Year Electrical Engg Students delivered by Mr. Shivanand (D.V. CEO, dbson Universal Power Controls, Tumkur ( Karnataka ) ) dated on 18/7/2020.



Guest Lecture on "Numerical Relays and PMU" organized by EESA for B.E. final Year Electrical Engg Students delivered by Mr.Pradeep Chawande (Ex Senior Vice President Adani Electricity, Power System consultant, Mumbai (MS) dated on 5/9/2020.



Guest Lecture on "Electricity- A Regulated Business" organized by EESA for B.E. Second, Third & final Year Electrical Engg Students delivered by Mr. Tushar Dhande (Senior Manager Tata Power Mumbai (MS)) dated on 25/6/2020.

### **WEBINARS**



Guest Lecture on "Basics Of Earth Testings" organized Engg Students delivered by Er. Ananat Waghchoure (Sales Manager, Megger Group Limited Nashik (MS)) on 11/7/2020by EESA for B.E. Second, Third & Final Year Electrical Engineering Students.



Guest Lecture on "Careers in Mechatronics for Automation Industry After BE" organized by EESA for B.E. Final Year Electrical Engg Students delivered by Mr.Sachin Chitapure (ACE-CADCAMGURU Solutions Pvt. Ltd. Pune, India (MS)) dated on 29/9/2020.



Guest Lecture on "Instrument Transformer Now And Next Generation" organized by EESA for B.E. Final Year Electrical Engg Students delivered by Mr. Parfulla P. Phirke (CEO, Skipper Industries MIDC, Sinnar Nashik (M.S.)) dated on 8/9/2020.

## STUDENT PARTICIPATION

- 4 Ku. Pallavi Arbat student of third year electrical engineering participated and secured "A + Grade" in one week National Level Online Training Program on "MATLAB for ALL".
- 4 Ku. Preeti Fulare student of third year electrical engineering participated in National level online quiz on basic Electronics and Scored 85%, Introduction To Non- Conventional Energy Resources and Scored 100%.

Electrical Engineering faculty members attended various AICTE Training and Learning (ATAL) Academy Faculty Development Programs.

**Publisher:** 

**Editorial Team:** 

Dr. S. R. Paraskar Head, Electrical Engg. Department SSGMCE, Shegaon Chief Editors: Prof. R. K. Mankar, Prof. P. R. Dhabe
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