



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

DEPARTMENT OF ELECTRICAL ENGINEERING

EESA Newsletter

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.  
AWARDED



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 & 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\(2020\)](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 & 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 HTML5, Google 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 Udupurkar 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).
- ✦ Ku. Supriya Dambe student of third year electrical engineering successfully completed Coursera online course of Electric Power Systems.
- ✦ 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 4 week training on Energy Management and Conservation at Internship Studio sponsored by National Engineering Olympiad.

# WEBINARS

Shri Gajanan Shikshan Sanstha's  
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING  
SHEGAON, DIST. BULDHANA, (M.S), Pin - 444 203  
Recognized by AICTE, New Delhi. \*Accredited by NBA, New Delhi and NAAC (UGC) Bangalore.  
Approved by the DTE, M. S. Mumbai. \*Affiliated to Sant Gadge Baba Amravati University, Amravati

**DEPARTMENT OF ELECTRICAL ENGINEERING**  
Organizes  
Online Webinar on "BASIC ELECTRONICS FOR INDUSTRIAL APPLICATIONS"  
9th June 2020 at 5:30 pm to 7:00 pm  
**Prof. Sanjay. A. Chaudhari**  
Director, Electronics Study Centre, Nashik (M.S)

Prof. R. K. Mankar Faculty Advisor (EESA) | Prof. P. R. Dhabbe HOD Dept. of Electrical Engg. (EESA) | Dr. S. R. Paraskar HOD Dept. of Electrical Engg. SSGMCE, Shegaon | Dr. S. B. Somani Principal SSGMCE, Shegaon

Note: Join webinar through Microsoft team App

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.

Shri Gajanan Shikshan Sanstha's  
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING  
SHEGAON, DIST. BULDHANA, (M.S), Pin - 444 203  
Recognized by AICTE, New Delhi. \*Accredited by NBA, New Delhi and NAAC (UGC) Bangalore.  
Approved by the DTE, M. S. Mumbai. \*Affiliated to Sant Gadge Baba Amravati University, Amravati

**DEPARTMENT OF ELECTRICAL ENGINEERING**  
Organizes  
Online Webinar on "Garbage in Garbage out: How to avoid in Machine Learning using Python"  
19th June 2020 at 12:00 noon to 2:00 pm  
Target Group: Second, Third & Final Year Electrical Engg. (SSGMCE Students)

**Dr. Gopal Sakarkar**  
Dept of AI, G.H.Raisoni College of Engg Nagpur

Prof. R. K. Mankar Faculty Advisor (EESA) | Prof. P. R. Dhabbe HOD Dept. of Electrical Engg. (EESA) | Dr. S. R. Paraskar HOD Dept. of Electrical Engg. SSGMCE, Shegaon | Dr. S. B. Somani Principal SSGMCE, Shegaon

Note: Join webinar through Microsoft team App

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.

Shri Gajanan Shikshan Sanstha's  
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING  
SHEGAON, DIST. BULDHANA, (M.S), Pin - 444 203  
Recognized by AICTE, New Delhi. \*Accredited by NBA, New Delhi and NAAC (UGC) Bangalore.  
Approved by the DTE, M. S. Mumbai. \*Affiliated to Sant Gadge Baba Amravati University, Amravati

**DEPARTMENT OF ELECTRICAL ENGINEERING**  
Organizes Webinar on  
"Choosing Career & Industry Readiness"  
10th Oct 2020 at 11:30 am to 1:00 pm  
Target Group: Final Year Electrical Engineering Students

**Mr. Vijay Wankhade**  
SAP Technology Architect,  
John Deere India Pvt. Ltd. Pune, India (MS)

Prof. R. K. Mankar Faculty Advisor (EESA) | Prof. P. R. Dhabbe HOD Dept. of Electrical Engg. (EESA) | Dr. S. R. Paraskar HOD Dept. of Electrical Engg. SSGMCE, Shegaon | Dr. S. B. Somani Principal SSGMCE, Shegaon

Note: Join webinar through Microsoft team App

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

Shri Gajanan Shikshan Sanstha's  
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING  
SHEGAON, DIST. BULDHANA, (M.S), Pin - 444 203  
Recognized by AICTE, New Delhi. \*Accredited by NBA, New Delhi and NAAC (UGC) Bangalore.  
Approved by the DTE, M. S. Mumbai. \*Affiliated to Sant Gadge Baba Amravati University, Amravati

**DEPARTMENT OF ELECTRICAL ENGINEERING**  
Organizes  
Online Webinar on "Electrical Switchgear and its Applications"  
18th July 2020 at 9:00 am to 11:00 am  
Target Group: 3rd and 4th year Electrical Engineering Students and Faculty Members (SSGMCE)

**Mr. Shivanand D.V.**  
CEO, dbson Universal Power Controls, Tumkur (Karnataka)

Prof. R. K. Mankar Faculty Advisor (EESA) | Prof. P. R. Dhabbe HOD Dept. of Electrical Engg. (EESA) | Dr. S. R. Paraskar HOD Dept. of Electrical Engg. SSGMCE, Shegaon | Dr. S. B. Somani Principal SSGMCE, Shegaon

Note: Join webinar through Microsoft team App

Guest Lecture on "Electrical Switchgear And Its Applications" organized 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.

Shri Gajanan Shikshan Sanstha's  
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING  
SHEGAON, DIST. BULDHANA, (M.S), Pin - 444 203  
Recognized by AICTE, New Delhi. \*Accredited by NBA, New Delhi and NAAC (UGC) Bangalore.  
Approved by the DTE, M. S. Mumbai. \*Affiliated to Sant Gadge Baba Amravati University, Amravati

**DEPARTMENT OF ELECTRICAL ENGINEERING**  
Organizes  
Online Webinar on "Numerical Relays and PMU"  
5th Sept 2020 at 11 am to 1.00 pm  
Target Group: Teaching Faculty Members of Electrical Engineering Department & Final Year Electrical Engineering Students

**Dr. Pradeep Chawande**  
Ex Vice President, Adani Electricity

Prof. R. K. Mankar Faculty Advisor (EESA) | Prof. P. R. Dhabbe HOD Dept. of Electrical Engg. (EESA) | Dr. S. R. Paraskar HOD Dept. of Electrical Engg. SSGMCE, Shegaon | Dr. S. B. Somani Principal SSGMCE, Shegaon

Note: Join webinar through Microsoft team App

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.

Shri Gajanan Shikshan Sanstha's  
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING  
SHEGAON, DIST. BULDHANA, (M.S), Pin - 444 203  
Recognized by AICTE, New Delhi. \*Accredited by NBA, New Delhi and NAAC (UGC) Bangalore.  
Approved by the DTE, M. S. Mumbai. \*Affiliated to Sant Gadge Baba Amravati University, Amravati

**DEPARTMENT OF ELECTRICAL ENGINEERING**  
Organizes  
Online Webinar on "Electricity- A Regulated Business"  
25th June 2020 at 2:00 pm to 3:00 pm  
Target Group: Second, Third & Final Year Electrical Engg. (SSGMCE Students)

**Mr. Tushar Dhande**  
Senior Manager, Tata Power, Mumbai (MS)

Prof. R. K. Mankar Faculty Advisor (EESA) | Prof. P. R. Dhabbe HOD Dept. of Electrical Engg. (EESA) | Dr. S. R. Paraskar HOD Dept. of Electrical Engg. SSGMCE, Shegaon | Dr. S. B. Somani Principal SSGMCE, Shegaon

Note: Join webinar through Microsoft team App

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

Shri Gajanan Shikshan Sanstha's  
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING  
SHEGAON, DIST. BULDHANA, (M.S), Pin - 444 203  
Recognized by AICTE, New Delhi. \*Accredited by NBA, New Delhi and NAAC (UGC) Bangalore.  
Approved by the DTE, M. S. Mumbai. \*Affiliated to Sant Gadge Baba Amravati University, Amravati

**DEPARTMENT OF ELECTRICAL ENGINEERING**  
Organizes  
Online Webinar on "Basics of Earth Testing"  
11th July 2020 at 11:30 AM to 12:45 PM IST  
Target Group: Students , Staff & Faculty members of Electrical Engg. Dept (SSGMCE, Shegaon)  
Er. Anant Waghchoure  
Sales Manager, Megger Group Limited, Nashik

Prof. R. K. Mankar  
Faculty Advisor  
(EESA)

Prof. P. R. Dhabe  
Faculty Advisor  
(EESA)

Dr. S. R. Paraskar  
HOD Dept. of Electrical Engg.  
SSGMCE, Shegaon

Dr. S. B. Somani  
Principal  
SSGMCE, Shegaon

Note: Join webinar through Go To Webinar App

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

Shri Gajanan Shikshan Sanstha's  
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING  
SHEGAON, DIST. BULDHANA, (M.S), Pin - 444 203  
Recognized by AICTE, New Delhi. \*Accredited by NBA, New Delhi and NAAC (UGC) Bangalore.  
Approved by the DTE, M. S. Mumbai. \*Affiliated to Sant Gadge Baba Amravati University, Amravati

**DEPARTMENT OF ELECTRICAL ENGINEERING**  
Organizes  
Webinar on "Careers in Mechatronics for Automation Industry after B.E."  
29th Sept 2020 at 12:00 noon to 1:00 pm  
Target Group: Final Year Electrical Engineering Students  
Mr. Sachin Chitapure  
ACE-CADCAMGURU Solutions  
Pvt. Ltd, Pune, India (MS)

Prof. R. K. Mankar  
Faculty Advisor  
(EESA)

Prof. P. R. Dhabe  
Faculty Advisor  
(EESA)

Dr. S. R. Paraskar  
HOD Dept. of Electrical Engg.  
SSGMCE, Shegaon

Dr. S. B. Somani  
Principal  
SSGMCE, Shegaon

Note: Join webinar through Zoom Meeting App

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.

Shri Gajanan Shikshan Sanstha's  
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING  
SHEGAON, DIST. BULDHANA, (M.S), Pin - 444 203  
Recognized by AICTE, New Delhi. \*Accredited by NBA, New Delhi and NAAC (UGC) Bangalore.  
Approved by the DTE, M. S. Mumbai. \*Affiliated to Sant Gadge Baba Amravati University, Amravati

**DEPARTMENT OF ELECTRICAL ENGINEERING**  
Organizes  
Online Webinar on "Instrument Transformers Now and Next Generation"  
8th Sept 2020 at 12:00 noon to 1:00 pm  
Target Group: Final Year Electrical Engineering Students  
Mr. Prafulla Phirke  
CEO Skipper Industries  
MIDC - Sinnar, Nashik (MS)

Prof. R. K. Mankar  
Faculty Advisor  
(EESA)

Prof. P. R. Dhabe  
Faculty Advisor  
(EESA)

Dr. S. R. Paraskar  
HOD Dept. of Electrical Engg.  
SSGMCE, Shegaon

Dr. S. B. Somani  
Principal  
SSGMCE, Shegaon

Note: Join webinar through Microsoft team App

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

- ✚ 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".
- ✚ 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.

<b>Publisher:</b> Dr. S. R. Paraskar Head, Electrical Engg. Department SSGMCE, Shegaon	<b>Editorial Team:</b> Chief Editors : Prof. R. K. Mankar, Prof. P. R. Dhabe Editors : Mr. Shripad Chopade, Mr. Ajinkya Ingale
---	--