



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



Department of Electrical Engineering

EESA News letter

2018-19 Autumn Semester (Volume: 4; Issue: 1)

GUEST LECTURES



Guest Lecture on "**Indian Energy Scenario : Power System operation & Control**" organized by EESA for B. E. Final Year Electrical Engg Students delivered by Mr. A. G. Patil (Executive Engineer ,Project Division MSETCL ,Nagpur on 3/8/2018.



Guest Lecture on "**Project Management , IOT , opportunities of Electrical Engineer in software Industry**" organized by EESA for B. E. Final Year Electrical Engg Students delivered by Mr. Shreekant Bedekar (Software Consultant , Project Management ,Mumbai) dated on 21/8/2018.



Expert Talk delivered by Dr. D. P. Kothari (Former Incharge Director , IIT Delhi) for Undergraduate students dated on 4th & 5th Sept 2018.
on 1] Renewable Energy Sources & Emerging Technologies
2] High Voltage Direct Current System.



Guest Lecture on "**Application of AUTOCAD Electrical Software in Electrical Engg**" organized by EESA for Third & Final Year Electrical Engineering Students delivered by Mr. Mohit Dubey (Design Engineer CAD Center Nagpur) dated on 7/9/2018.



Guest Lecture on "**Contribution of Tata Power in Power sector**" organized by EESA for B.E. Third and Final Year Electrical Engg Students delivered by Mr. Satish Mahajan (Principal Tata Power Skill Development Institute Shahad, Mumbai on 09/10/2018.

WORKSHOP & INDUSTRIAL VISITS



Third year B. E. Electrical Engg students visited following industries in MIDC Nashik

ASEA Brown Boveri (ABB) ,
Legrand India Pvt. Ltd, Powerinst
Electromagnets Pvt. Ltd.
,Rectiphase Capacitors Pvt Ltd ,
,Vishwajeet Capacitors
,Technocrats Control System Pvt
Ltd , Skipper Industries on 27th &
28th September 2018 .



Second Year BE Electrical Engg
Students visited Thermal Power
Station Paras (500 MW) during
Industrial visit on 12th Sept 2018
organized by the Electrical Engg
department .



Training Programme on "**Industrial
Automation**" is held in the PLC &
Factory Automation Lab conducted
by Prolific Systems & Tech. Pvt. Ltd.,
Nagpur (MS) for UG students during
8th August to 17th August 2018.

Departmental Coordinator :
Prof. P. R. Bharambe

DEPARTMENTAL ACHIEVEMENTS

Electrical Engineering Department signed **MOU** with **CADD Centre Nagpur**, regarding Technical Training Programs, Information sharing, Industrial Internship & Placement for bright students & Offer Industrial Visit.

Electrical Engineering Department, SSGM College of Engineering, Shegaon signed **MOU** with **TATA Power Skill Development Institute, Shahad**, Mumbai on 21st September, 2018 Regarding Technical Skill Development Training Programs for students & staff.

FACULTY ACHIEVEMENTS

Paper Publications by staff in various journals / conferences:

1. Prof. R. S. Pote Published a technical Paper Entitled "Monitoring of solar power plant and load control " in IJRACE vol no 06, Issues 2, April-June 2018.
2. Prof. R. S. Pote Published a technical Paper Entitled "Monitoring of solar power plant and load control" in Third ICITEASM 2018 Hyderabad Telangana 24th June 2018.
3. Prof. U. A. Jawadekar published a technical paper Entitled " To investigate power quality issue of Hybrid System using DVR and STATCOM " 3rd International conference on innovative technology in engineering ICITEASM 2018, Hyderabad, Telangana 24th June 2018 (Academic Science)
4. Prof. U. A. Jawadekar published a technical paper Entitled " To improve power flow capability by using unified power flow controller "Third International conference on innovative technology in engineering ICITEASM 2018. Hyderabad, Telangana 24th June 2018 (Academic Science).
5. Prof. U. A. Jawadekar published a technical paper Entitled " Simulation of fault current limiter for voltage sag mitigation " , ICAEASM-2018 Chandigarh India on 1st July 2018 ISBN: 978-93-87433-28-1
6. Prof. S. S. Jadhao, Prof. R. Z. Fulare published a technical paper Entitled "Fault Analysis Technique for protection of Thyristor controlled series compensated transmission line" ICEEE Pune on 8th July 2018.

7. Prof. R. S. Pote, Prof. S. S. Jadhao, Prof. G. N. Bonde Published a technical Paper Entitled "Discrimination of power quality events using power model signal" IJRACE, vol 6, issue 3, July-Sept 2018 ISSN: 2393-9038 (Academic science).
8. Prof. P. R. Bharambe , Prof. S. S. Jadhao Prof. R. Z. Fulare published a technical paper Entitled "Identification of Sympathetic Inrush Current of a Transformer" International Journal of Research in Electronics and Computer Engineering (IJRECE) vol no 6, Issue 3 ,July-Sept 2018.
9. Prof. P. R. Bharambe, Prof. S. S. Jadhao Prof. R. Z. Fulare published a technical paper Entitled" Identification of Sympathetic Inrush Current of a Transformer ", ICAEASM-2018 Chandigarh on 1st July 2018 ISBN: 978-93-87433-28-1 (Academic Science).
10. Prof. U. A. Jawadekar published a technical paper Entitled " Simulation of fault current limiter (FCL) for voltage sag mitigation" International Journal of Research In Electronics and Computer Engineering (IJRECE) vol no 6, Issue 3 July-Sept 2018.
11. Prof. R. S. Pote Published a technical Paper Entitled " Numerical Experimental investigation of dual purpose solar collector" in IJERCE, vol no 7, Issues 8 (Aug 2018)
12. Prof. R.S. Pote ,Prof. S. S. Jadhao, Prof. G. N. Bonde Published a technical Paper Entitled " Discrimination of power quality events using power model signal " in ICETSMI 2018, 2 Sept,2018) (Academic science)
13. Prof. R. S. Kankale published a technical paper Entitled " Impact of Distributed Generation on Short Circuit Level." IJSTE, International Journal of Science and Technology and Engineering Vol 5, Issue 3, Sept 2018 ISSN: 2349-784

STUDENTS ACHIEVEMENTS:

- Thirty five undergraduate students successfully undergone Implant Training in Yeshwant Industries Aurangabad, Endress & Hauser automation and Instrumentation Pvt Ltd, Aurangabad, MAHATRANSCO Akola, Ashoka Electrical Pvt Ltd, Aurangabad, Shubham Mech Pvt Ltd, Nashik .
- Mr. Sumit Zoting from third year BE Electrical secure **82nd All India Rank in Indian Engineering Olympiad 2018.**
- Mr. Shubham Muddamwar student of second year electrical engineering participated in IGNITE 2018 (Kabaddi) organized by Mauli college of Engg , Shegaon during 18th & 19th Jan 2018.
- Ku. Shubhangi Madke, Mr. Shaikh Rhaiman & Mr. Akshay Tumane students of Final year electrical engineering undergone internship at SCR Elektroniks Mumbai during 1/6/2018 to 15/6/2018
- Mr. Shubham Bujade student of Final year electrical engineering undergone internship at Robokirti India Pvt Ltd Jabalpur (M.P) during 21/6/2018 to 25/8/2018
- Ku. Tejaswini Nikole, Ku. Megha Malwande, Ku. Priya Pawar, Ku. Aarti Pawar students of Final year electrical engineering undergone internship at Samarthan System Pvt Ltd, Pune during 1/6/2018 to 15/6/2018.
- Mr.Om Dandale student of electrical engg undergone internship at SCOUT Infrastructure Pvt Ltd Pune during 16/7/2018 to 15/12/2018.
- Mr. Vaibhav Bhutada student of Final year electrical engg successfully completed NEPEL online course of Control Engineering during Jan–April 2018.
- Mr. Sukrut Deshmukh, Mr. Suraj Avatar & Mr. Rushikesh Khanderao students of second year electrical engineering Participated in **TECHFEST organized by IIT bombay** during 14th dec to 16 dec 2018.
- **Twenty six students from Electrical Department has undergone industrial inplant Training at Tata Power Skill Development Institute, Shahad (Mumbai) during 17th to 29th Dec 2018.**
- Mr. Shreyas Deshmukh, Mr. Bhushan Bhadekar, Mr. Tejas Chaudhari, Mr. Vinay Makde, Mr. Sagar Jawaharmalani & Mr. Mayur Talole students of Third year Electrical Engineering has undergone industrial inplant Training at Rakesh Transformer, MIDC Bhosari, Pune during 17th to 24th Dec 2018.
- Mr. Shubham Muddamwar, Mr. Shivshankar Bhad & Ku. Vijaya Pote students of Third year Electrical Engineering has undergone industrial inplant Training at HVDC Chandrapur during 13th Dec to 5th Jan 2019.

- Ku Pallavi Arbat student of First year Electrical Engineering has got SGPA of 9.7 in 1st Sem.
- Ku Prajakta Dudhe student of Second year Electrical Engineering has got SGPA of 8.6 in 3rd Sem.
- Ku Vijaya Podey student of Third year B. E. Electrical Engineering has got SGPA of 8.67 in 5th Sem.
- Ku Trusha Dhage student of Final year B. E. Electrical Engineering has got SGPA of 9.35 in 7th Sem.
- Mr. Atul Harde, Ku. Dhanashri Patil, Ku. Jeweriya Khan students of Final Year Electrical Engineering secured SGBA University Merit Rank

EESA TEAM:

Faculty Advisor	Prof. R. K. Mankar
Chairperson	Tejas Chaudhari
Vice-Chairperson	Ankit Akotkar & Ku.Vaishnavi Vairagade
Secretary	Shreyas Deshmukh & Ku.Radhika Agnihotri
Program Manager	Ku.Vijaya Podey, Ku Roshani Borakhade, Somesh Aamle, Shubham Raut
Technical Advisor	Sagar Jawaharmalani and Vinay Makade
Publicity Manager	Mayur Talole, Bhushan Bhadekar, Ku. Prachi Randhe
Resource Manager	Shubham Muddamwar, Raghavendra Karale, Ku. Nikita Chandurkar

Vision of Department

To impart high quality education and excel in 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: Engagement** 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** commitment for working with others of diverse cultural and interdisciplinary backgrounds.

<p>Publisher :</p> <p>Dr. S. R. Paraskar Head, Electrical Engineering Department</p>	<p>Editorial Team:</p> <p>Chief Editor : Prof. R. K. Mankar</p> <p>Editors : Mayur Talole : Bhushan Bhadekar : Ku. Prachi Randhe</p>
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