



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



EESA Newsletter

2019-20 Autumn Semester (Volume: 5; Issue: 1)

GUEST LECTURES



“Guest Lecture on Career Guidance & Motivation” organized for 2nd and 3rd year Electrical Engg. students, delivered on 1st August, 2019 by Mr. Akshay Ingle (Alumnus 2019, Assistants System Engineer, TCS Mumbai)



“Guest Lecture on Career Guidance & Motivation” for Final year Electrical Engg. students, delivered on 13th August, 2019 by Miss. Shraddha Deshmukh (Assistants System Engineer, TCS Ahmedabad)



“ Guest Lecture on Need of Electronics in Industry” for 2ndyear Electrical Engg. students, delivered on 14th October 2019 by Mr. Sanjay Chaudhari, Nashik.

WORKSHOPS



One day workshop on **“Transformer Fundamentals & its Testing Methods”** organized by EESA for B.E. 3rd and 4thYear Electrical Engg. students, conducted on 30th July, 2019 by Mr. Sunil Sarde (Retd. Ex. Engineer, MahaDiscom), Nagpur.



Two Days workshop on **“Android Studio”** organized by EESA for B.E. 2nd year Engineering students, conducted on 3rd and 4th August, 2019 by Mr. Mithilesh Joshi and Ku. Amruta Kadu (3rd year Electrical students).



One Week Workshop on **“Electronic Components and Arduino Programming”** organized by Electrical Engineering department for Electrical Engg students, conducted by Mr.Sanjay Chaudhari, Nasik during 30th August to 3rd September,2019.



One dayworkshop on **“Breadboard and Electronic Components and its testing”** organized by EESA for B.E. 1st year students, conducted on 29th September 2019 by Mr.Abhinay Thakre, Ku.Ankita Sontakke & Ku. Roshni Palwe (3rd year Electrical Engg. students)

INDUSTRIAL & LAB VISITS



Department of Electrical Engineering organized a visit to **SSGMCE Power House and 33/11 kV Switchyard** for 3rd year Electrical students on 24th August, 2019.



Dr. M. V. Aware (Professor, VNIT, Nagpur) visited Electrical Engineering department Labs on 15th September 2019.



Dr. D. P. Kothari (Emeritus Professor and Former Director, IIT Delhi) visited Electrical Engineering department Labs on 20th September 2019.

DEPARTMENTAL ACHIEVEMENTS



Electrical Engineering Department signed a **MOU** with **Dynalog India Pvt. Ltd., Pune** on 8th Aug 2019 to bridge the gap between academia and industry. It will help the students to enhance their skills in the areas of Electrical Machines, Power Electronics, Smart Grid, Control and Instrumentation and Microprocessors & Microcontrollers. It will also facilitate seminars, workshops, internship and sponsored projects for the students.

FACULTY ACHIEVEMENTS

1. Dr.S.R. Paraskar, Prof. S.S. Jadhao, Prof. R. S. Kankale, Prof. P.R. Bharambe attended three days Hands on training programme “ Advance Power System Protection, short circuit Calculation ,relay setting and relay coordination” conducted at centre for Industrial solutions and Advanced training, Nagpur during 20th to 22nd June, 2019.
2. Prof.R.K.Mankar,Prof.G.N.Bonde,Prof.M.R.Chavan,Prof.B.S.Rakhonde, Prof. V. S. Karale attended a “Faculty Development Program on Data Science”, organized by Faculty Development Centre in Cyber Security and Data Sciences, at SSGMCE, Shegaon during 18th June to 23rd June, 2019.
3. Prof.P.R.Dhabe attended a two days workshop on “Renewable Energy Systems: Design and Challenges” at R. H. Sapat College of Engineering, Management Studies and Research, Nashik during 9th & 10th August,2019.
4. Prof.M.R.Chavan attended One week STTP on “Renewable Energy Sources” at St.Vincent Palloti college of Engineering,Nagpur during 18th to 25th November,2019.

5. Dr.S.R.Paraskar,Prof.U.A.Jawadekar,Prof.R.Z.Fulare,Prof.P.R.Bharambe,Dr.S.S.Jadhao, Prof.R.S.Kankale,Prof.R.K.Mankar,Prof.M.R.Chavan,Prof.G.N.Bonde,Prof.V.S.Karale, Prof.B.S.Rakhonde,Prof.P.R.Dhabe attended a Faculty Development Program on “Evolution of Internet of Things for Industry 4.0”, organized by Dept. of Mechanical Engineering, SSGMCE, Shegaon during 10th- 15th December, 2019.

FACULTY PUBLICATIONS IN INTERNATIONAL JOURNALS / CONFERENCES

1. Dr.S.R.Paraskar Published a technical Paper Entitled “Congestion management using FIREFLY algorithm in deregulated power system for IEEE 30 bus system “ Journal of Analysis and computation (JAC) ICKDST-2019,Pune
2. Dr.S.R.Paraskar Published a technical Paper Entitled “ Grey Wolf Optimization Algorithm for Generation Rescheduling in Deregulated power system for congestion management "in Journal of Analysis and computation (JAC) ICKDST-2019,Pune
3. Dr.S.R.Paraskar Published a technical Paper Entitled “ Literature survey in deregulated power system to reduce congestion using different technique " in Journal of Analysis and computation (JAC) ICKDST-2019, Pune
4. Dr.S.R.Paraskar & Prof.G.N.Bonde Published a technical Paper Entitled “ Novel Technique for detection of the Power Quality Disturbances” in 3rd IEEE conference on Recent Development in Control Automation and Power Engineering (RDCAPE) 2019 during 10th and 11th Oct 2019 at Amity University, Uttar Pradesh.
5. Dr.S.R.Paraskar Published a technical Paper Entitled “Detection and Classification of Magnetizing Inrush and Interturn fault current in transformer by using Teager Energy Operator : Signal Processing Approach” in Global Conference on Multidisciplinary Research during 7th and 8th Nov 2019 at Amravati.
6. Dr.A.U.Jawadekar Published a technical Paper Entitled “Fault Detection of Induction Motor Using SWPT” in Global Conference on Multidisciplinary Research during 7th and 8th Nov 2019 at Amravati.
7. Dr.A.U.Jawadekar Published a technical Paper Entitled “Bearing Fault Monitoring by Using CWT based Vibration Signature" in Global Conference on Multidisciplinary Research during 7th and 8th Nov 2019 at Amravati.

STUDENT ACHIEVEMENTS

1. Mr. Ankit Akotkar,Mr. Shivshankar Bhad, Mr.Sumit Sonkusale,Mr.Somesh Amle, Mr.Amol Sonune , Mr Vivek Gayki student of 4th Year BE Electrical underwent Industrial training at Tata Power Skill Development Institute Mumbai,during 10th June to 22nd June 2019.
2. Mr. Shivshankar Bhad,student of 4th Year BE Electrical completed Eight weeks NPTEL online course in “Electrical Distribution System Analysis” during June to September 2019.
3. Mr. Nimish Nandurkar, student of 3rd year BE Electrical,Won the Zone-A Final and Secured Runner up Position in SGB Amravati University Table Tennis Inter College Tournament on 31st August 2019.
4. Mr. Shivshankar Bhad, student of 4th year BE Electrical, delivered a lecture on the eve of Teachers Day on 5th September 2019.
5. Mr. Aniket Bodade, student of 3rd Year Electrical, secured Runner up Position in Basketball Tournament organized by HVPM, Amravati on 12th September 2019.
6. Ku. Pratiksha Kapade, student of 3rd year Electrical underwent Industrial training at Rattan India Power Limited, Amravati (M.S.) during 21st June 2019 to 4th July 2019.
7. Ku. Pratiksha Kapade, student of 3rd year Electrical has participated in Youthfest at VMV college Amravati (M.S.) on 2nd October 2019.

8. Ku.Shruti Diwate, student of 3rd Year Electrical has Participated in SSGMCE Women's cricket team and her team secured 3rd Position in SGBAU Amravati, competition was held in November 2019.
9. Ku.Shruti Diwate, student of 3rd Year Electrical has Participated in SSGMCE Women's KHO-KHO team and her team secured Zone finalist in SGBAU Amravati, competition was held in November 2019.
10. Ku. Shweta Mankar, student of 2nd year Electrical underwent Industrial training at MSEDCL Ltd. during 15th December to 30th December 2019.
11. Mr. Nishant Akhare, Mr. Shripad Chopade, Mr. Charan Kakad and Mr. Raj Udupurkar students of 2nd Year Electrical engineering underwent Industrial Training at Vishwajeet Capacitors PVT limited, Nashik (M.S.) during 16th December to 20th December 2019.
12. Mr. Yash Saharkar, student of 2nd year Electrical underwent Industrial Training at Chandenshesh Heavy Electrical, Khamgaon (M.S.) during 20th December 2019 to 5th January 2020.
13. Ku. Neha Deshmukh, Ku. Pallavi Arbat, Ku. Gayatri Kulkarni, Ku. Vaishnavi More, Ku. Krutika Akhare and Ku. Dhanashree Joshi students of 2nd year Electrical Engg underwent Industrial Training at Jagadamba Electricals and Engineering Works, Khamgaon (M.S.) during 20th December to 27th December 2019.
14. Ku. Preeti Fulare, Ku. Yashashri Patil, Ku. Manjusha Ingle, Ku. Sakshi Kshirsagar, Ku. Pooja Deshmukh and Ku. Sakshi Mhaske students of 2nd year Electrical Engineering underwent Industrial Training at Rectiphase Capacitors, Sinnar (Nashik) during 22nd December to 24th December 2019.
15. Mr. Prathamesh Chaudhari, Student of 2nd Year Electrical, has completed eight days Internship on IOT and got the best intern award at Experts Hub, Pune during 23rd June to 30th June 2019.
16. Thirty Six Students from 3rd year Electrical Engineering completed Industrial Training at Tata Power Skill Development Institute, Shahad, Mumbai during 23rd December 2019 to 4th January 2020.



Mr. Shrikant Rokade, student of 4th Year (2018-19 batch) Electrical, received Late Shri. G. H. Rasoni Gold Medal for standing first in University Examination.



Ku. Jayashree Ingle, Student of 3rd year (2018-19 batch) Electrical Engineering felicitated at SGBA University for her achievement in sports.

STUDENT PLACEMENT

1. Mr. Ashitosh Pasarkar and Mr. Vishwanath Javanjal, students of Final year Electrical Engineering got placed in "Value Momentum" with a package of 3.60 LPA.
2. Miss Prachi Randhe, Miss Radhika Agnihotri, Mr. Shivam Chavan, Mr. Yash Gyanchandani and Mr. Ashitosh Pasarkar, students of Final year Electrical Engineering got placed in "T.C.S., Pune" with a package of 3.36 LPA.

EESA TEAM

Faculty Advisor	Prof. R. K. Mankar, Prof. P. R. Dhabe
Chairperson	Mr. Abhinay Thakare
Vice-Chairperson	Mr. Arjun Dhamode
Secretary	Mr. Chirag Madankar
Program Manager	Ku. PrajaktaDudhe,Mr.Hritik Sharma,Mr.Rushikesh Khanderao, Ku. Nikita Jenekar
Technical Advisor	Mr. Mithilesh Joshi, Ku. Tanvi Shelokar, Ku.Komal Changal
Publicity Manager	Ku. AmrutaKadu, Mr.Vishal Agarkar,Ku. Bhagyashri Bawaskar, Ku. Pratiksha Kapade
Resource Manager	Mr. Sukrut Deshmukh, Ku.Roshani Palve, Mr.Aniket Bodade, Ku. Ankita Sontakke

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. **PE1 : Expertise** and use it for problem solving in analysis & design of electrical system.
2. **PE2 : Engagement** in the engineering profession or other professional careers with high human values.
3. **PE3 : Lifelong learning** and adapting to a constantly changing field through graduate work, professional experience and self-study.
4. **PE4 : Leadership** and initiative to ethically advance professional and organizational goals and facilitate the achievements of others.
5. **PE5 : A teamwork** to commitment while working with others of diverse cultural and interdisciplinary backgrounds

Publisher : Dr. S. R. Paraskar Head, Electrical Engineering Department	Editorial Team: Chief Editor : Prof. R. K. Mankar, Prof. P. R. Dhabe Editors : Mr. Abhinay Thakare, Mr. Chirag Madankar, Mr. Hritik Sharma, Ku. Amruta Kadu, Ku. Pratiksha Kapade
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