

ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S COLLEGE OF ENGINEERING, PUNE- 411 001
Department of Electrical Engineering
Annual Report 1.4.2018 to 31.3.2019

1. NAAC Visit:

The college and subsequently department underwent the NAAC Accreditation process on 7th and 8th Sep 2018.

2. Activities conducted:

Electrical Engineering Department had organized following workshops:

a. Arduino Workshop:

Electrical Engineering Department had organized a one day workshop on Arduino for BE and TE Electrical students. The workshop was conducted by Mr Rigved Kelkar.



b. Recent Trends in Solar Thermal systems:

Electrical Engineering Department in association with SPPU has organized a one day seminar on “Recent Trends in Solar Thermal systems” on 21st & 22nd Feb 2019 for Faculty of SPPU and students.



c. MATLAB workshop:

Electrical Engineering Department in association with MATHWORKS has organized a one day workshop on MATLAB for TE Electrical students on 05/03/2019



d. Expert Lecture:

Electrical Engineering Department had organised an Expert Lecture on “**Electric Vehicles : Current Practices and Future Trends**” on 28/03/2019 from 9.30 hours to 12.30 noon. It was exclusively arranged for the research scholars, faculties and BE Electrical students. The eminent Experts were

1. **Mr Apurbo Kirty,**
Associate Chief Engineer
Electrical and Electronics,
Mahindra & Mahindra,
AFS Sector, Chennai.
2. **Mr Sanjay Phegade,**
Senior Principal Engineer
Electrical and Electronics,
Mahindra & Mahindra,
AFS Sector, Chennai.
3. **Mr S Murugesh**
Lead Manager
Electrical and Electronics,
Mahindra & Mahindra
AFS Sector, Chennai



e. **BE project Exhibition/ Competition:**

An exhibition of the projects of the BE students was arranged on 2nd April 2019.



Some of the project groups had participated at State level project competition organised at MM College of Engineering on 4th April 2019 in association with IEEE PES- IAS Chapter and Young Professional affinity group(IEEE Pune Section) . The first prize was won by SE Electrical Group- Anurag Lambhor, Omkar Dahiwal and Pranav Deshmukh

3. Social Activity:

a. Visit to Orphanage:

The Electrical Engineering Department has organized a social activity session at Avishri Balsadan, Kurukumbh, Daund on 23rd Feb 2019. 20 students from S.E Electrical along with two teaching staff (Dr (Mrs) A A Godbole and Mrs P Sankala) have conducted the activities. There were 18 numbers of orphans at that ashram.

Different activities singing, dance, speech, indoor games were conducted by the Students for the Orphans. The students tried to enhance the skills of the orphans with the help of activities. The winners of the activities were awarded by staff and the students.

Some Glimpses of the event:-

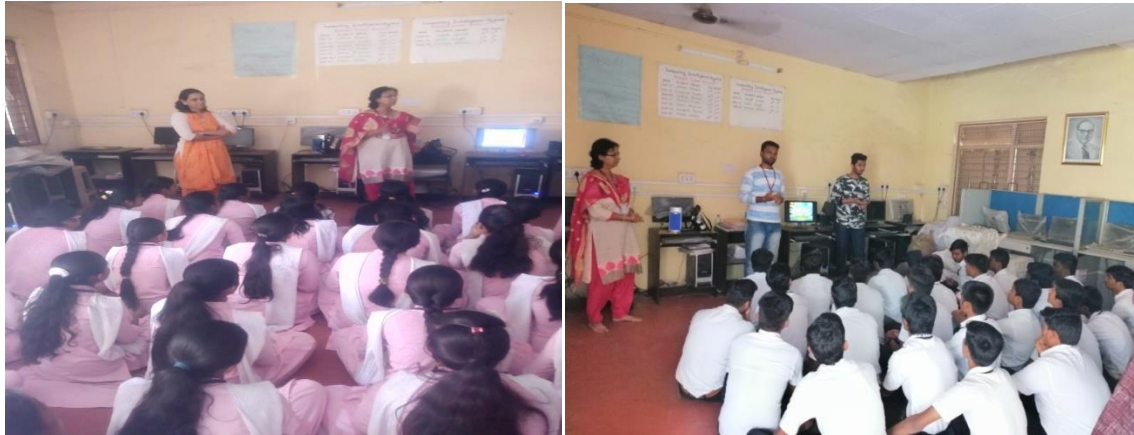


b. Career Counseling:

The Electrical Engineering Department had organized a career counseling session for 11th Grade students from 'Firangimata Secondary and Higher Secondary Vidyalaya, Kurkumbh' on 23rd Feb, 2019.

The session was spearheaded by Dr (Mrs) A A Godbole, Mrs P Sankala and two of Second Year Electrical students, Mr Sudarshan Lule and Mr Shripad Pande.

Some glimpses of the event:



➤ Engineering Today “Watts 2018

Department of Electrical Engineering named Engineering Today 2018 as WATTS 2018– The Power of Electrical Engineering on 10th, 11th sep 2018. Events included technical events like Technical Paper Presentation, PIRATES OF WIZARD , TECHNICAL CROSSWORD, BRAIN POP and non technical competitions, LICENSE TO KILL Parachute Panic & NFS and Science exhibition.





- **Science exhibition** was held on 12th Sept from 10 am to 2pm. This event gives a platform for the students to exhibit their projects. Students of the college displayed different projects, hardware and models to explain the fundamental principles of science and their applications. The visitors were the students of 9th and 10th std. of different schools and students of junior college.



4. Expert Lectures and Industrial visits arranged for students:

Guest lectures by the experts from various fields were arranged for the students:

| Date | Activity Planned | Topic | Speaker/ Coordinator | No. of Participants |
|------------|------------------|--------|----------------------|---------------------|
| 5 /07/2018 | Arduino Workshop | | Mr Rigved Kelkar | 60 |
| 26/07/2018 | Expert | Career | Miraj Thomas, | 45 |

| | Lecture | Guidance | Career Launcher,Pune | |
|------------|---------------------|---|---|----|
| 10/07/2018 | Expert Lecture | ITM | | 32 |
| 4/10/2018 | Industrial Visit | Cahors Industries, Ranjangaon MIDC | AAA | 40 |
| | Expert Lecture | Power System | Mr O A Pawaskar | 55 |
| 22/01/2019 | Expert Lecture | Industrial training and career opportunities | Mr Sushant Kerimani, SKADA Technologies, | 65 |
| | Expert Lecture | Energy audit | | 65 |
| | | | | |
| 1/02/2019 | Industrial Visit | Industrial Drives | Sakal Press Urli Devachi | 50 |
| 22/02/2019 | Industrial Visit | Industrial Drives | Anuraj Sugars Ltd, Yavat | 35 |
| 23/02/2019 | Social Program | Educational and Fun Games conducted | Avishree Balsadan,Kurku mbh | 30 |
| 23/02/2019 | Social Program | Career Counseling | Shri Firangai Maata Secondary and Higher Secondary School, Kurkumbh | 75 |
| 5/03/2019 | Expert Lecture | Modeling and Simulation of ElectroMechanical System | Mr. Dharendra Singh | 45 |
| 27/03/2019 | Expert Lecture | Case studies on Energy conservation | Mr Kumar Pawar, Nashik | 64 |
| 28/03/2019 | One day Seminar | Electric Vehicles | Mr Arpurbo Kirty, Mahindra & Mahindra , Chennai | 75 |
| 02/04/2019 | Expert Lecture | Applications of Drives | Mr Manoj Badave, Tata motor, Pune | 60 |

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|------------|------------------|--------------------|------------------------------|----|
| 10/04/2019 | Industrial Visit | Transformer design | Rebus Industries LLP, Chakan | 51 |
| 11/04/2019 | Industrial Visit | | Nashik | 16 |
| 11/04/2019 | Industrial Visit | Traction systems | Pune Station Locoshed | 60 |



Achievements of this year (2018-19): -

1. Students:

| S No | Name of the student | Class | Activity | Prize |
|------|---|---------------|---|----------------------------------|
| 1 | Anurag Lambor Onkar Dahiwal Krishna Dongare | SE Electrical | SS12 Project competition organized by IEEE Pune section in association with PCCOE Nigdi ,Pune | 3rd Prize |
| 2 | Anurag Lambor | SE Electrical | All India Seminar on Engineering to Innovation to Product and Service- Technical Paper Presentation | 1 st Prize Best Paper |
| | Anurag Lambor | SE Electrical | Project Innovation Contest | |

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| | | | organized by KIIT Bhubaneswar. | |
| 3 | Apul Sontakke Shubham Kale | BE Electrical | NPTEL Course | Successfully completed with ELITE Category |
| 4 | Sanket Pise | TE Electrical | Lawn Tennis Tournament, organized by MIT ,Pune | Runner up |
| 5 | Mandar Limaye Shivani Sonwane Harshada Patil | BE Electrical | Sulbha karndak “State level Street Play competition” | Selected to final round |
| 6 | Malhar Nigade | SE Electrical | 1.Summit Cricket 2.University Cricket 3.Engineers Cup, Nashik 4.Zest Cricket | 1.Winners 2.Runner ups 3.Winners 4.Winners |
| 7 | Deepanshu Kumar | BE Electrical | 1.CME Football 2AIT 3.PDFA | 1.Runner ups 2.Winners 3.Runner ups |
| 8 | Aditya Baraskar | BE Electrical | 1. Poetry slam at Vedant , BJ Medical. 2. Lilliput event in Firodiya Karandak 3.Poetry slam at Troika, BMCC | 1.2 nd Prize 2.2 nd Prize 3.3 nd Prize |
| 9 | Nihar Kamble | BE Electrical | Vinodattam Karandak | 2 nd Prize |
| 10 | Rutuja Ghugarkar | BE Electrical | Poster Making Competition At Modern COE,Pune | 1st prize |
| 11 | Shubham Kale | BE Electrical | Paper Presentation , Bharati Vidyapeeth COE,Pune | 1st prize |
| 12 | Sanket Pise | BE Electrical | | |
| 13 | Ketan Maske | BE Electrical | Institute of Engineers | |

FDP/STTP ATTENDED BY THE DEPARTMENT FACULTY (Total No.)

| Sr No | Name of Faculty | Title of the FDP/STTP | Organized by | Duration/ Dates |
|--------------|------------------------|---|---------------------|-------------------------|
| 1 | Dr.A.A.Godbole | FDP on Vision –Mission –PEO-PSO-PO-CO Farming Mapping, Assessment and Attainment | AISSMS COE | 10/06/2019 - 15/06/2019 |
| | | Advanced linear continuous control systems Application with MATLAB Programming and Simulink | NPTEL | Aug. to Oct. 2018 |
| 2 | Dr.A.A.Apte | FDP on Vision –Mission –PEO-PSO-PO-CO Farming Mapping, Assessment and Attainment | AISSMS COE | 10/06/2019 - 15/06/2019 |
| 3 | Mr. L.S.Godse | National Level Workshop on Outcome based Education Frame work | AISSMS COE | 09/12/2019 - 14/12/2019 |
| 4 | Mrs. V.N. Tarange | FDP on Vision –Mission –PEO-PSO-PO-CO Farming Mapping ,Assessment and Attainment | AISSMS COE | 10/06/2019 - 15/06/2019 |
| | | Modern pedagogy and recent technological Development | AISSMS COE | 10/12/2019 - 14/12/2019 |
| 5 | Mr V.S. Ponshe | FDP on Vision –Mission –PEO-PSO-PO-CO Farming Mapping ,Assessment and Attainment | AISSMS COE | 10/06/2019 - 15/06/2019 |

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|---|-------------------|--|--|-------------------------|
| | | Recent Trends in Solar Thermal Systems and its scope in India | AISSMS COE | 21/02/2019 - 22/02/2019 |
| | | FDP on Power system Simulation using CYME and PSIM | Government College of Engineering, Jalgaon | 28/01/2019 - 01/02/2019 |
| | | Modern pedagogy and recent technological Development | AISSMS COE | 10/12/2018 - 14/12/2018 |
| 6 | Mrs. P. Sankala | FDP on Vision –Mission –PEO-PSO-PO-CO Farming Mapping ,Assessment and Attainment | AISSMS COE | 10/06/2019 - 15/06/2019 |
| 7 | Mr. R.S. Shinde | FDP on Vision –Mission –PEO-PSO-PO-CO Farming Mapping ,Assessment and Attainment | AISSMS COE | 10/06/2019 - 15/06/2019 |
| 8 | Ms. S. Vadi | STTP Problem base Learning | National Institute of Technical Teachers' Training and Research, Kolkata | 20/05/2019 - 31/05/2019 |
| 9 | Mr. V.V. Kulkarni | FDP on Vision –Mission –PEO-PSO-PO-CO Farming Mapping ,Assessment and Attainment | AISSMS COE | 10/06/2019 - 15/06/2019 |
| | | Faculty Development Program on Data Science | FDC PMMMMNMT | 17/06/2019 - 22/06/2019 |

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| 10 | Ms B.S.Bobdey | FDP on Vision –Mission –PEO-PSO-PO-CO Farming Mapping, Assessment and Attainment | AISSMS COE | 10-06-2019 - 15/06/2019 |

2. Faculty:

Dr AA Godbole published paper in UGC approved Journal JASC Journal volume VI, Issue1, January 2019

Dr AA Godbole published paper in IEEE ICICCS, May 2019

She worked as reviewer for Springer Journal of Electrical Engineering, IEEE Transactions on Industrial Electronics, IEEE Transactions on Control Systems Technology Journal

Dr AA Godbole Secured 87 Marks in NPTEL Online Certification Examination October 2018

Dr MH Dhend

Received Women Research Award, by International organization of scientific research and development (IOSRD), September 2018

Delivered a key note speech in International Conference ICEEE-2018, held on 26-27 July 2018 in Barcelona, Spain.

Worked as a reviewer in many International conferences

Worked as TPC member in many International conferences

A.A.Apte

Published a paper at IEEE/CAA Journal titled

Aishwarya Apte, Ujjwala Thakar, and Vrunda Joshi "Disturbance Observer Based Speed Control of PMSM Using Fractional Order PI Controller", IEEE/CAA JOURNAL OF AUTOMATICA SINICA, VOL. 6, NO. 1, JANUARY 2019

