B.M.S COLLEGE OF ENGINEERING, BENGALURU-19
(Autonomous Institute, Affiliated To VTU)
Department of Electrical and Electronics Engineering

Activities in the month of January 2018

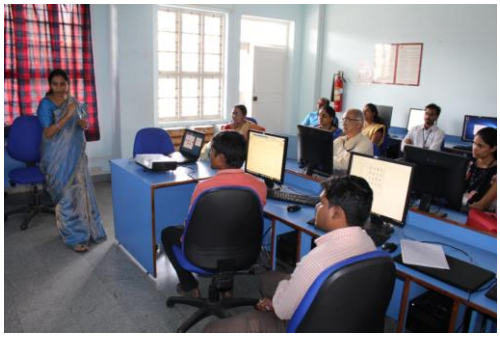
1. Dr.S.Pradeepa delivered a motivational talk as a part of community service for tenth standard students at Apollo National Public School on 05/01/2018.

2. Nethravathi.S and Chaitanya.L presented a paper titled "IMPACT OF ASSESSMENT TECHNIQUE ON LEARNING OUTCOMES: A CASE STUDY" at Fifth International Conference on Transformations in Engineering Education at Thiagarajar College of Engineering, Madurai on 8th & 9th January, 2018.

3. Soniya Agrawal and Dr.Chandasree Das presented a paper titled "A Comparative Study On Rubrics And Its Impact On Program Outcomes For The Project Work Of Under Graduate Program" at Fifth International Conference on Transformations in Engineering Education at Thiagarajar College of Engineering, Madurai on 8th & 9th January, 2018.

4. Dr.P.Meena received IUCEE Faculty Fellow & Outstanding Engineering Educator Award for the year 2017 at Fifth International Conference on Transformations in Engineering Education at Thiagarajar College of Engineering, Madurai on 8th & 9th January, 2018.

5. Dr.S.Pradeepa delivered an invited talk on "Hands on session for simulation on power electronic converters" on 16/01/2018 at BNMIT, Bangalore in an FDP on " Modern Power Electronic Drives: Design & Future Trends"



6. Dr.Chandasree Das delivered an invited talk on “Chalcogenide Glasses: Materials for Next Generation NVRAMs” on 19/01/2018 at BNMIT, Bangalore in an FDP on "Modern materials and their applications".

7. Prof.B.Venkatesh Presented a paper on “Comparative study between three leg current source inverter and four leg current source inverter” at , IEEE international conference held at Thrissur Govt engg college, Thrissur on 20/1/18.

8. Dr.S.Pradeepa presented a paper titled “Comparison of Harmonic Analysis for Inverters using SVPWM Technique” in IEEE- International Conference on Electrical, Electronics, Computers, Communication, Mechanical and Computing (EECCMC) at Priyadarshini Engineering College-Vellore on 28th & 29th January, 2018.

9. Dr.S.Pradeepa presented a paper titled “Adoption of an Effective Control Scheme to Current Source Inverter for WECS Application” in IEEE-International Conference on Electrical, Electronics, Computers, Communication, Mechanical and Computing (EECCMC) at Priyadarshini Engineering College-Vellore on 28th & 29th January, 2018.

Activities in the month of February 2018

1. Dr.R.S.Geetha Delivered a lecture on "HVDC transmission systems: An Overview", at SSIT, Tumakuru during a Five days workshop on "HVDC Power Transmission"on 6/2/18.

2. A group of students and faculty from BMSIT visited Centre of Excellence in Advanced Material Research Labs under an open course on "Nano science and novel materials for Engineers" on 9/2/2018. Under this program there was a brief talk by Dr.Chandasree Das on "Thin film technology for Memory devices " followed by the visit to labs.

3. Dr. A.N.Nagashree and Dr. V.Champa, published a paper titled "High Frequency Dielectric Properties of Insulation Systems with New Natural Vegetable Seed Oils" in Materials Today proceedings of Elsevier.

4. Dr. V.Champa, and Dr. A.N.Nagashree, published a paper titled "Breakdown Behaviour of New Bio-degradable Dielectric Coolants under 50Hz AC for Different Electrode Configurations" in Materials Today proceedings of Elsevier.

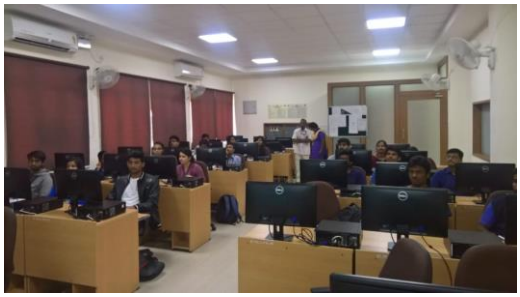
5. Industrial visit to TD Power systems was organized on 9-2-2018 for VI sem EE students by the department of EEE.

6. Industrial visit to BMRCL was organized on 28-2-2018 for VI sem EE students by the department of EEE .

Activities in the month of March 2018

1. On 9/03/2018 Electrical and Electronics department had organized an industrial visit to central power research institute for post graduate students.

2. Extension lecture series on *"Concepts of VLSI designs*" for VI sem EEE students was arranged on 12.03.2018. The talk was given by Dr.Vasundara Patel K S, Associate Professor, Department of Electronics & Communication, BMSCE, Bangalore.



3. Department of EEE organized TEQIP III sponsored Short Term Training Program on Solar Photovoltaics from March 12th – March 16th from BMSCE-CARES Centre of Excellence in solar photovoltaics.

4. The Department of EEE in association with CARES inaugurated BMSCE-CARES Centre Of Excellence in Solar Photovoltaics on 14th March 2018.

5. Dr. Chandasree Das presented a paper titled " Effect of Sn addition on Glassy Si-Te bulk sample" at International conference on Inventive Research in Materials Science and Technology, during March 23-24, 2018 at Coimbatore.

6. Dr. Chandasree Das presented a paper titled " Electrical switching Studies on $Si_{15}Te_{85-x}Cu_x$ bulk ($1 \leq x \leq 5$) glasses " at International conference on Inventive Research in Materials Science and Technology, during March 23-24 at Coimbatore.

7. IEEE Sensor Council EXECOM Meeting was held in EEE Department on 23 March 2018.

Activities in the month of April 2018

1. Dr.S.Pradeepa presented a paper titled "Adoption of SVPWM Technique to CSI and VSI" in IEEE's 3rd International Conference for convergence in technology, Pune on 7th April 2018.

2. Students from EEE, Anirudh, Sidharth, Dinesh Gaonkar and Bharath from 6th Sem won overall performance award in Smart Village Hackathonat AgruTech 2018 on 10-11 April, 2018 held ar New Horizon College of Engineering, Bangalore.

3. Department of EEE organized an expert lecture on "Transformers for thermal power stations" by Mrs.Vijayalaxmi Jamkhandi, Executive Engineer, KPCL. On 10/4/18.

4. Department of EEE organized TEQIP III and BMSCE IEEE SB sponsored Three Days Workshop on "CONTROL SYSTEMS" by Dr. RAJESH JOSEPH ABRAHAM, Indian Institute of Space Science and technology.

5. Dr.MNV Memorial award was presented to Ms.Meghna.M studying in 8th semester, EEE, on 21/4/2018.

6. Interaction regarding preparing NBA SAR was held on 25/4/18 with HOD, EEE from Rohilkhand University, Mentee Institution for BMSCE under TEQIP III.

Activities in the month of May 2018

1. Dr.P.Meena presented a paper titled "Power Flow Control and Seamless transfer of Single- Phase Grid Interactive Inverter Between Off-grid and Utility-Connected Systems" in 3rd IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT-2018) on MAY 18th & 19th 2018 held at Sri Venkateshwara College of Engineering, Bangalore.

Activities in the month of August 2018

1. Induction program for higher semester students at Dept of EEE during 8th to 11th August 2018, coordinated by Dr.A.N.Nagashree and Dr. R.S.Geetha.

2. 3rd sem EEE students visited 220kV substation at Ananda Rao circle on 10th Aug 2018 as a part of Induction programme.

3. 5th sem EEE students visited 440kV substation at Nelamangala on 10th Aug 2018 as a part of Induction programme.

Activities in the month of September 2018

2. Department of EEE organized various events as a part of Phase Shift 2018.
   i. CIRCUIT MAZE
   ii. DOMINO-TION
   iii. MAKE-A-THON
   iv. WORKSHOP ON REMOTE ENGINEERING
   v. WORKSHOP ON INTRODUCTION TO HARVESTING SOLAR ENERGY

3. Department EEE received 3rd Prize for the Department Stall

3. Dr. Ravishankar Deekshit,Dr. P.Meena and Dr. R.S.Geetha of EEE Department visited FET MJP, Rohilkhand University to review and support the preparation NBA SAR on 25th and 26th Oct 2018.

Activities in the month of October 2018

1. Department of EEE organized two day workshop on Grid Tied Solar Plant-Design And Advances sponsored by TEQIP - III on october 9th & 10th, 2018 in association with Cares Renewables Pvt. Ltd. & FET, MJP. Rohilkhand University, Bareilly, U. P.

2. Department Of EEE Organized A One Day Workshop On The " The Use Of Solar PV Simulator And Wavect FPGA Controller" On 13th October 2018 For Faculty And UG/PG Students. The Resource Persons Were Dr.Pmeena, Dr.R.S.Geetha And Gyanendra Kumar Sah Alumnus- 2018 Batch.

Activities in the month of November 2018

1. Industrial Visit to Radel Electronics Pvt. Ltd. and Synthesis Winding Technologies Pvt. Ltd. was arranged for 5th Semester EEE Department students on 22/11/18.

2. The department of EEE and the Dept of EIE jointly organised TEQIP 3 sponsored two days workshop on "Advanced Muti-Domain System Modelling using OpenModelica" on 26-27 Nov., 2018 in association with FET-MJP, Rohilkhand university, UP. The resource person was Prof. Peter Fritzson from Linköping University, Sweden.

3. Industrial Visit to Somanahally 220 kV Substation was arranged for 1st Semester M.Tech students on 30/11/18

Activities in the month of December 2018

1. An agreement was signed between Dassault Systems and BMSCE for a sponsored project under La Foundation Scheme on 11/12/18

2. Dr.C.Lakshminarayana was chairperson for a session in Third International Conference on "Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques" (ICEECCOT-2018), GSSS Institute of Engineering and Technology for Women, Mysuru held on 14th and 15th December 2018.

3. Dr.C.Lakshminarayana presented a paper titled, "VLC FOR UNDERWATER OPERATIONS -LI-FI SOLUTION FOR UNDERWATER SHORT RANGE COMMUNICATION" in Third International Conference on "Electrical, Electronics, Communication, Computer

Technologies and Optimization Techniques" (ICEECCOT-2018), GSSS Institute of Engineering and Technology for Women, Mysuru held on 14th and 15th December 2018.

4. Dr.AUsha was chief guest and addressed blind students at Annual Scholarship distribution function arranged by Vidya Vikas Trust on 16/12/18.

5. Dr.P.Meena Prof. EEE co-authored a paper titled "Development of a Single-Phase Inverter for Application in a Hybrid Solar UPS", which was presented at the IEEE Power Electronics, Drives and Energy Systems PEDES 2018 18-21st Dec 2018 at IIT Madras.

6. Department of EEE organized an expert lecture for PG students on "Introduction to Machines" by Dr. S.S.Murthy, IIT Delhi, on 17/12/18.

7. Dr.DSR Award was presented to the toppers of 4th and 6th semester students of EEE.