

**B.M.S. College of Engineering, Bangalore-19**  
(Autonomous College under VTU)



**Department of Electronics & Instrumentation Engineering**

***Faculty Achievements during the year 2018***

***Dr.K Narasimha Rao***

1. Research scholar Preethi K mane presented a paper on "**Review of Research Progress, Trends and Gap in Occupancy Sensing for Sophisticated Sensory Operation**",Conference Computer Science On-line Conference,Publication date- 2018/4/25,Pages 212-222,Publisher-Springer, Cham.
2. Research scholar Preethi K mane presented a paper on "**Granular Mobility-Factor Analysis Framework for enriching Occupancy Sensing with Doppler Radar**",April 2018 International Journal of Electrical and Computer Engineering 81(2):979-988 DOI: 10.11591/ijece.v8i2.pp979-988,Project: occupancy sensing

***Dr.Veena N Hegde***

1. Delivered a Lecture on “ Investigation of Nervous System Disorders using HRV analysis” at the Two –Week AICTE sponsored Faculty Development programme on “Biomedical Signal Processing and Analysis for Cognitive Neuroscience Study” on **2<sup>nd</sup> January 2018** at Pooja DoddappaAppa College of Engineering, Kalaburagi, Karnataka.
2. The FOSSEE Chapter at BMSCE is funded by IIT Bombay, with an seed money of Rs.5 Lakhs. The activities are coordinated by Dr.Veena N Hegde and Dr.Santosh Desai from department of EIE.



A review report of FOSSEE activities, under FOSSEE chapter, BMSCE was presented to Prof. Kannan Moudgalya, IITB by a team of faculty and students of EIE, TCE, CHE on **15<sup>th</sup> Jan 2018 at R.K Hall, BMSCE.**

3. Organized a one week faculty development programme on “Multidomain System Modelling and Simulation using Modelica”



4. Organised TEQIP III sponsored two days workshop on **“Advanced Muti-Domain System Modelling using OpenModelica”** on 26-27 Nov., 2018. Prof. Peter Fritzson, Linköping University, Sweden was the resource person for the hands-on workshop.



***Dr. Mamamtha M N***

1. Visited FET MJP Rohilkhand University, Bareilly, Mentee institution under TEQIP during Jan. 2-3, 2018.



2. Attended International Conference on Transformations in Engineering Education (ICTIEE'18), Bennett University, Greater Noida, India, as a delegate.



### ***Prof. Preethi K Mane***

1. Presented a paper on "**Review of Research Progress, Trends and Gap in Occupancy Sensing for Sophisticated Sensory Operation**", Conference Computer Science On-line Conference, Publication date- 2018/4/25, Pages 212-222, Publisher-Springer, Cham.
2. Presented a paper on "**Granular Mobility-Factor Analysis Framework for enriching Occupancy Sensing with Doppler Radar**", April 2018 International Journal of Electrical and Computer Engineering 81(2):979-988 DOI: 10.11591/ijece.v8i2.pp979-988, Project: occupancy sensing.

3. Completed the GIAN course on “Towards safe cities: A Mobile and social Networking approach” during 1<sup>st</sup> -6<sup>th</sup> June 2018

4. Completed NPTEL course on “Effective engineering Teaching in Practice” ,4 week course offered by IIT Madras, during Feb-Mar 2018

### *Dr. Santosh R. Desai*

1. Organized a one week faculty development programme on “Multidomain System Modelling and Simulation using Modelica”



2. One of the coordinator of The FOSSEE Chapter at BMSCE is funded by IIT Bombay, with an seed money of Rs.5 Lakhs.

3. Organized a workshop on “INDUSTRIAL AUTOMATION USING FX PLC”. During 17/11/2018 to 19/11/2018



5. Organised TEQIP III sponsored two days workshop on “Advanced Muti-Domain System Modelling using OpenModelica” on 26-27 Nov., 2018. Prof. Peter Fritzson, Linköping University, Sweden was the resource person for the hands-on workshop.



## ***Prof. S.Kumuda***

1. Completed MOOC Course on “**Lifskills for Engineers(level-1 )**” during 15/05/2018 to 28/06/2018
2. Completed MOOC Course on “**Lifskills for Engineers(level-2 )**” during 06/11/2018 to 20/12/2018
3. Completed SWAYAM-NPTEL course on “**Effective engineering Teaching in Practice**” ,4 week course offered by IITMadras, during Feb-Mar 2018
4. Completed NPTEL course on “**Fabrication Techniques for MEMS-based Sensors: Clinical Perspective**” 12 week course offered by Indian Institute of Science, Bangalore,2018
5. Organised TEQIP III sponsored two days workshop on “**Advanced Muti-Domain System Modelling using OpenModelica**” on 26-27 Nov., 2018. Prof. Peter Fritzson, Linköping University, Sweden was the resource person for the hands-on workshop.





### ***Prof. Ajay Kumar D***

1. Completed the GIAN course on **“Towards safe cities: A Mobile and social Networking approach”** during 1<sup>st</sup> -6<sup>th</sup> June 2018
2. Completed NPTEL course on **“Effective engineering Teaching in Practice”** ,4 week course offered by IITMadras, during Feb-Mar 2018

### ***Prof. Namratha. S. N***

1. Completed the GIAN course on **“Towards safe cities: A Mobile and social Networking approach”** during 1<sup>st</sup> -6<sup>th</sup> June 2018
2. Organized a workshop on **“INDUSTRIAL AUTOMATION USING FX PLC”**. During 17/11/2018 to 19/11/2018



***Prof. Krishnamurthy K.T***

1. Presented a paper on “**A Low Cost Embedded Sea Navigation and Security Systems For Fisher Man**” at (IEEE International Conference -paper published in IC-news conducted by EC Department), 2018