

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



Department of Electronics & Instrumentation Engineering

Faculty Achievements during the year 2015

Dr.K Narasimha Rao

1. Presented a paper on, "An Outcome Based Curriculum Design in Engineering: Case Study Approach", Journal of Engineering Education Transformations, Vol. 29, Issue 2, pp.40-46, Oct.2015, ISSN : 2349 – 2473

List of workshops attended are listed below:

Name of the Programme	VENUE	DATE
1. Integrating Innovative Entrepreneurship with Engineering Education	B.M.S. College of Engineering, Bangalore.	6 Jan. 2015,
2. Rockwell Automation on the Move	The Lalit Ashok, Bangalore	26 Feb. 2015
3. Faculty Empowerment Programme on Formulation of Research Proposal under DST/DRDO/ISRO/ DIETY Schemes	M.S. Engineering College, Bangalore.	30-Jun-15
4. Training on entrepreneurship development and its contribution towards creating entrepreneurial campus	IIM, Ahmedabad	7-8 July 2015
5. Design, Analysis and Implementation of Power Electronic circuits	B.M.S. College Of Engineering, Bangalore.	20- 24 July 2015

6. Virtual lab by National Mission on Education through Information and Communication Technology MHRD	COEP, Pune.	29-07-2015
7. Workshop on Engine Control and Health Management System for Unmanned Autonomous Air Vehicle Application by GATET	GTRE, DRDO, Bangalore	11-12 Dec 2015
8. Workshop on Virtual Labs sponsored by National Mission on Education through Information and Communication Technology, MHRD, Govt. of India.	College of Engineering, Pune	29-07-2015

Dr. Veena N Hegde

1. Award of Paper Presentation on “**An outcome based Curriculum Design in Engineering - A case study approach**” from International Conference on Transmissions in Engineering Education.

List of workshops attended are listed below:

Name of the Programme	VENUE	DATE
1. Discovery services and j-gate	B.M.S College Of Engineering, Bangalore.	15-03-2015
2. IACT -2015, ISA-B Automation & Control Techday	Dayanand Sagar College of Engg. Bangalore.	20-03-2015
3. Sustainability and Social Innovation	B.M.S College Of Engineering, Bangalore.	29-05-2015
4. Electronics System Design, Manufacturing & Testing (ESDMT)	Dept. of E&I, B.M.S. College of Engineering, Bangalore.	27 – 31 July 2015
5. Integrating Projects and Design into Core Engineering Courses Enhancing Learning and Preparing Professionals, An IUCEE Course	offered by Prof. Bill Oakes, of Purdue University.(Phase I, Phase II and Phase III)	20 July 2015.

6. Didactic Seminar on Cadence Orcad Pspice and Orcad PCB	B.M.S. College of Engineering, Bangalore.	31-07-2015
7. Workshop on Principles, Practices and Applications of Computer Vision	B.M.S. College of Engineering, Bangalore.	17 -21 Oct. 2015
8. MathWorks India Academic Summit	Aloft Hotel Cessna Business Park, Bengaluru	2015

- Presented a paper on "**Heart Rate Variability Feature Extraction Using Continuous Wavelet Transform**", Journal of Medical Imaging and Health Informatics, Volume 5, Number 5, September 2015, pp. 898-906(9), American Scientific Publishers.
- Guided the students Ashwin Baliga, Veena Hegde, Rahul Sharma, Rainer D'Souza, Siddharth Chakravorty, Gautam Ramdas, and published a paper on '**FORESIGHT-A novel design of travel aid for the blind**', International Conference on Computing and Network Communications (CoCoNet), Publication date-2015/12/16, Pages-696-702, Publisher-IEEE
- Guided the students Rahul Sharma, Ramya Ullagaddimath, Amit Baran Roy, Apratim Halder, and presented a paper on "**Optical theremin based true Random Number Generation (TRNG) system**", Publication date-2015/8/10, Conference-2015 International Conference on Advances in Computing, Communications and Informatics (ICACCI), Pages-571-575, Publisher-IEEE

Dr. Mamamtha M N

- "Best paper Award for the paper Titled "**Design and development of Novel algorithm and architecture for patient care and monitoring**"
- Indo US Collaboration for Engineering Education – Batch topper (Sept.2015 – May 2016) & Certified Microsoft educator Program - Technology Literacy for Educators (62-193) IUCEE (Indo Universal Collaboration for Engineering Education)
- Attended Two day workshop on Android App Development on 8th and 9th August 2015
- Attended one week workshop on Electronics System Design, Manufacturing & Testing (ESDMT), 27– 31 July 2015
- Presented a paper on, "**Voice operated wheelchair for the Disabled**", "CIIT International Journal of Artificial Intelligent Systems and Machine Learning," Vol 5, No 2 (2013) ISSN 0974-9667 & online: ISSN 0974-9543

Prof. Preethi K Mane

1. Faculty Empowerment Programme on Formulation of Research Proposal under DST/DRDO/ISRO/DIETY Schemes M.S. Engineering College, Bangalore on 30-06-2015
2. Convener of one week workshop on Electronics System Design, Manufacturing & Testing (ESDMT), 27– 31 July 2015
3. Integrating Innovative Entrepreneurship with Engineering Education, during 6-7 Jan. 2015, at B.M.S. College of Engineering, Bangalore.
4. Antenna Technologies during 27 Jan.- 1 Feb. 2014 at B.M.S. College of Engineering, Bangalore.
5. Discovery Services and J-Gate on 15 March 2014 at B.M.S. College of Engineering, Bangalore.
6. Practical Electromagnetics for Modern Antennas, RF and Micro Wave Designs during 18 -22 Aug. 2014 at Entuple technologies, Bangalore.

Dr. Santosh R. Desai

1. Presented a paper on, "A NEW APPROACH IN REDUCTION OF MULTIVARIABLE SYSTEMS USING STABILITY EQUATION", Proceedings of 9th SARC-IRF International Conference, 26th April-2015, New Delhi, India, ISBN: 978-93-85465-02-4

List of workshops attended are listed below:

1. Workshop on Principles, Practices and Applications of Computer Vision	B.M.S. College of Engineering, Bangalore.	17 -21 Oct. 2015
2. FDP on Design , Analysis and Implementation of Power Electronics Circuits	B.M.S. College of Engineering, Bangalore.	20-24 July 2015
3. Didactic Seminar on Cadence Orcad Pspice and Orcad PCB	B.M.S. College of Engineering, Bangalore.	31-07-2015

Prof. S.Kumuda

List of workshops attended are listed below:

Name of the Programme	VENUE	DATE
Didactic Seminar on Cadence Orcad Pspice and Orcad PCB	B.M.S. College of Engineering, Bangalore.	31-07-2015
Electronics System Design, Manufacturing And Testing (ESDMT)	B.M.S. College of Engineering, Bangalore.	27 - 31 July 2015
Participated as Delegate in ICTIEE	B.M.S. College of Engineering, Bangalore.	6-8 January 2015
Workshop on implementation of process control concepts on LabVIEW	B.M.S. College of Engineering, Bangalore.	2015

Prof. Ajay Kumar D

1. Presented a paper on "**Design of SPI flash controller for Spartan6 FPGA**", International Journal of Information and Education Technology (IJIET), Volume 2, Issue 1, February 2015, ISSN: 2319-1058.
2. Presented a paper on "**PEAK CANCELLATION CREST FACTOR REDUCTION TECHNIQUE FOR OFDM SIGNALS**", International Journal of Research in Engineering & Technology (IMPACT: IJRET), ISSN(E): 2321-8843; ISSN(P): 2347-4599 Vol. 3, Issue 4, Apr 2015, 27-36
3. Presented a paper on "**Effective ICT Tools for Course Management**", Journal of Engineering Education Transformations, ISSN: 23492473

List of workshops attended are listed below:

Name of the Programme	VENUE	DATE
The freedom lab-in a box conducted by ARM University Program	B.M.S. College of Engineering, Bangalore.	5 Jan. 2015
Effective Teaching and Learning		6 Jan. 2015
LATEX for Research documentation	B.M.S. College of Engineering, Bangalore.	18-03-2015
Workshop on Reconfigurable Hardware (Resource person)	National Degree College, Bangalore.	19-03-2015

Prof. Anjana Parua

List of workshops attended are listed below:

Name of the Programme	VENUE	DATE
Workshop on Innovative Undergraduate Labs for control, Mechatronics and Robotics, conducted by Quanser	B.M.S. College of Engineering, Bangalore.	5 Jan. 2015
Workshop on Problem Based Learning	B.M.S. College of Engineering, Bangalore.	6 Jan. 2015
International Conference on Transformations in Engineering Education (ICTIEE – 2015) attended as a delegate	B.M.S. College of Engineering, Bangalore.	6 – 8 Jan. 2015
Rockwell Automation on the Move	The Lalit Ashok, Bangalore	26 Feb. 2015

Workshop on Virtual Labs sponsored by National Mission on Education through Information and Communication Technology, MHRD, Govt. of India.	College of Engineering, Pune	29-07-2015
IAC T -2015, ISA-B Automation & Control Techday	Dayanand Sagar College of Engg. Bangalore.	20-03-2015
Workshop on Signal, Image Processing and SDR using LABView	JSS Academy, Bangalore	22 -24 June 2015

Prof. Namratha. S. N

List of workshops attended are listed below:

Name of the Programme	VENUE	DATE
Field Bus Technology in Industrial Process Automation supported by ISA-Bangalore section	SIT, Tumkur.	25-28 May 2015
Interactive training program on Sustainability and Social Innovation	B.M.S. College of Engineering, Bangalore.	29-May-15
Formulation of Research proposal under DST/DRDO /ISRO/DIETY schemes	M. S. Engineering College, Bangalore.	30-06-2015
Electronics System Design, Manufacturing And Testing (ESDMT)	B.M.S. College of Engineering, Bangalore.	27 - 31 July 2015
Industry Academia Interaction	B.M.S. College of Engineering, Bangalore.	10 Oct. 2015