Mrs. Deepashri K M

Assistant Professor
Department of E&IE BIET, Davangere
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Work Experience: 15 Years

- Worked as a lecturer in PDIT from 28th August 2005 t
- Currently Working as Assistant Professor in BIET Davangere from 9th August 2006.

Educational Qualification:

- Pursuing Ph.D. under VTU, Belagavi , Research Center: Dayananad Sagar College of Engineering , Bengaluru.
- M.Tech [Computer Science & Engineering] from Bapuji Institute of Engineering and Technology, Davangere, 2009.
- B.E [Instrumentation Technology] from Bapuji Institute of Engineering and Technology, VTU, 2005.

Roles and Responsibilities:

- BOE member for EI/ML/BM board for the year 2019-2020
- BOE member for EI/ML/BM board for the year 2017-2018
- Department NBA Coordinator
- Team Member for MOU of Institute with Prolific Systems and Technologies Pvt. Ltd., Bengaluru - an Advanced Automation Training provider and a leading automation solution provider. Prolific Systems is an approved training partner of NSDC (National Skill Development Council- Government of India). The MOU intends to interface academia and industry practice.
- Coordinator for Internship/ Technical seminar/ Project work.

Awards:

- Awarded as "Best Teacher" during the year 2008-09 for getting 100% result in the subjects taught.

Membership:

Life Member of Indian Society for Technical Education -LM53838

Core Subjects Taught:

Process Instrumentation, Process Control, Robotics &Automation, Automation in Process Control, Biomedical Instrumentation, C++ & Data Structures, Digital Image Processing, Fundamentals of HDL, Biomedical DSP.

Seminars/Workshops/Events Organized:

- Organized three days workshop on "PLCs & SCADA" for 5th & 7th semester students of the department in association with IT forum and Prolific Systems& Technologies Pvt. Ltd., Bangalore from 31-10-2010 to 02-11-2010.
- Organized a FDP on "Advanced Instrumentation" on 6th & 7th April 2015.
- Organized three day workshop on "PLCs & SCADA" for 5th & 7th semester students of the department in association with E&IE forum and Prolific Systems& Technologies Pvt. Ltd., Bangalore from 23-10-2019 to 25-11-2019.
- Organized three day hands on workshop on "Embedded IoT & its Applications" for 6th & 8th semester students of the department in association with E&IE forum and Abeyaantrix Softlabs, Davangere from 27-02-2020 to 29-02-2020.

Seminar/ Workshops Attended:

1. Participated in the training programme on "Instructional Design & Delivery" Conducted by PDIT, Hospet in association with NITTTR, Chennai from 03-10-2005 to 08-10-2005.

2. Attended one week Faculty Development Programme on "Digital Signal Processor & its Applications" organized under TEQIP by Department of Instrumentation Technology, BEC, Bagalkot during 25th to 30th Sept. 2006.

3. Attended two day Faculty Development Programme on "Virtual Instrumentation" organized under TEQIP by UBDTCE, Davangere during 29th - 30th Mar 2007.

4. Attended two days workshop on "MEMS-Biomedical Applications", organized by department of Biomedical Engineering held at Manipal Institute of Technology, Manipal from 21-22 March 2009.

5. Attended three days workshop on "PLCs & SCADA" organized by IT forum & Prolific Systems & Technologies Pvt. Ltd., Bangalore from 31-10-2010 to 02-11-2010.

6. Participated in a "High Impact on Teaching Skills -Mission 10X" workshop conducted at BIET, Davangere in association with Wipro from 28-05-2012 to 01-6-2012.

7. Attended two day faculty development program on "LabVIEW & it's Applications" organized by E&C in association with ISTE BIET Chapter & Trident Techlabs Pvt. Ltd., Bengaluru on 2nd & 3rd August 2012 at BIET, Davangere.

8. Attended three day workshop on "Smart Sensing" organized by MIT, Manipal from 17-19 Jul 2014.

9. Attended four day workshop on "Graphical System Design Platform- LabVIEW" organized by VI solutions, Bengaluru and BIET, Davangere from 27th Sept to 1st Oct 2014.

10. Attended FDP on "Image Processing and its Applications" organized by E&CE Department, BIET in association with IETE Shivamogga sub center, IETE New Delhi & ISTE Karnataka Section, ISTE BIET Davangere held on 29th Oct and 30th Oct 2014.

11. Attended two day Workshop On "Women Empowerment "Organized By IS&E Department, BIET, Davangere on 18th and 19th Dec 2014.

12. Attended one day Workshop On "Research methodology" organized by Research and Development cell of BIET in association with ISTE-BIET Chapter, Davangere held on 28th Oct 2015.

13. Attended a "Hands on Course on Data Acquisition and Processing for Instrumentation and Control Application", organized by dept. of ICE, MIT, Manipal from 04 to 08 Jan 2016.

14. Delivered an invited lecture on "Sensors and Transducers" organized by EC forum, Bapuji Polytechnic shabanur, Davangere on 4th Oct 2017.

15. Attended workshop on "Applications of LABVIEW in Engineering & Research", organized by dept. of ECE, BIET, Davangere from 28-01-2019 to 02-02-2019.

16. Attended VTU TEQIP sponsored two day workshop on "AICTE New Model Curriculum" for EI/BM/ML as per OBE format including Course Outcomes and Bloom's Taxonomy at BNMIT on 29 and 30 April 2019.

17. Attended one week short term training programme through ICT Mode on "Effective Teaching" organized by dept. of IS&E, BIET, Davangere from 15-19 July 2019.

18. Attended a seminar on "Oil and Gas Process Fundamentals-Offshore Process", organized by dept. of E&E, BIET, Davangere on 10 August 2019.

19. Attended Three Day Workshop on "PLC and SCADA", organized by dept. of E&IE, BIET, Davangere from 23-25 October 2019

Publications:

JOURNALS

- Deepashri K M, Santhosh K V, "A Review on Fire Detection", *National Journal, Journal of Industrial Safety Engineering, Vol.1, No.3, 2014*.

- Deepashri K M, Santhosh K V, "Glaucoma Detection by Image Fusion from Fundus Color Retinal Images: A Review" in the *International Journal of Control Theory and Applications (IJCTA)*, Vol 8, Issue 3, 2015, pp. 1147-1152.

- Shreekara P S, Kavya Chauhan, Shreya A Ghanatti, Asha S, Deepashri K M, "LabVIEW Based Liquid Level Control System" in the *International Journal of Scientific Research in Computer Science Engineering and Information Technology* (ISSN No:2456-3307),Volume 4,Issue 3,May-June 2018, pp 30-33.

- Deepashri K M, Sachidanand, Latha H S, "Industrial Appliances Control Using Android Mobile & Bluetooth Technology", *International Journal of Engineering and Manufacturing Science*, Volume 8, Number 1 (2018) pp. 33-42, ISSN 2249-3115

CONFERENCES

1. Deepashri K M, Santhosh K V, "A Review on Fire Detection" in *National Conference CISCON-14* organized by Dept. of ICE Manipal Institute of Technology, Manipal, 7-8 Nov 2014.

2. Deepashri K M, Smitha, Ranjitha and Shruthi, "Intelligent Street Lighting using a ZigBee Network", in *National Conference Instrumentania-15* organized by Dept. of ICE,NSSCE, Palakkad, 10-11 Jul 2015.

3. Deepashri K M, Santhosh K V, "Glaucoma Detection by Image Fusion from Fundus Color Images: A Review " in *National Conference CISCON-15* organized by Dept. of ICE Manipal Institute of Technology, Manipal, 2-4 Nov 2015.

4. Presented a paper on "Fire Detection Techniques- A Review", in the *International Conference on Advancements in Automation, Robotics and Sensing (ICAARS 2016)* organized by the Department of Robotics & Automation Engineering, PSG College of Technology, Coimbatore during 23-24 June 2016.

5. Presented a paper "Industrial Appliances control using Android Mobile and Bluetooth Technology" in the *National Conference on Recent advances in Electronics and Communication Engineering(NCRAECE-17)* organized by Dept. of E&CE, B.I.E.T, Davangere on 13th October 2017.

6. Presented a paper, "Agricultural Crop Management System-A Review" in *National Conference CISCON-19* organized by Dept. of ICE Manipal Institute of Technology, Manipal, 8-9 Nov 2019.