

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 28 August 2005 to 5 August 2006.
- Currently Working as Assistant Professor in BIET Davangere from 9 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.

NPTEL Courses

- Registered for 8 weeks NPTEL Course on “System Design Through Verilog”.

Seminars/Workshops/Events Organized:

- 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 27-29 Feb 2020.
- 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 Oct to 25 Nov 2019.
- Organized a FDP on “Advanced Instrumentation” on 6 & 7 Apr 2015.
- 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 Oct to 02 Nov 2010.

Publications:

JOURNALS

- Published the research paper titled “Design and Development of Versatile Drop Foot Stimulator for Hemiplegic Drop Foot” in *GIS SCIENCE JOURNAL ,an UGC-CARE Approved Group II Journal*, Volume 8, Issue 7 , July – 2021, ISSN NO: 1869-9391, pp: 1041-1048
- 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
- Shreevara 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, 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.
- Deepashri K M, Santhosh K V, “A Review on Fire Detection”, *National Journal, Journal of Industrial Safety Engineering*, Vol.1, No.3, 2014.

CONFERENCES

1. 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.
2. 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.
3. 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.
4. 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.
5. 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.
6. 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.

Seminar/ Workshops Attended:

1. Attended Three Day Workshop on “PLC and SCADA”, organized by dept. of E&IE, BIET, Davangere from 23-25 October 2019.
2. Attended a seminar on “Oil and Gas Process Fundamentals-Offshore Process”, organized by dept. of E&E, BIET, Davangere on 10 August 2019.
3. Attended one week short term training program through ICT Mode on “Effective Teaching” organized by dept. of IS&E, BIET, Davangere from 15-19 July 2019.
4. 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 29-30 April 2019.
5. Attended workshop on “Applications of LABVIEW in Engineering & Research”, organized by dept. of ECE, BIET, Davangere from 28 Jan to 02 Feb 2019.
6. Delivered an invited lecture on “Sensors and Transducers” organized by EC forum, Bapuji Polytechnic, Shabanur, Davangere on 4 Oct 2017.

7. 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.
8. Attended one day Workshop On “Research methodology” organized by Research and Development cell of BIET in association with ISTE-BIET Chapter, Davangere held on 28 Oct 2015.
9. Attended two day Workshop on “Women Empowerment “Organized By IS&E Department, BIET, Davangere on 18 and 19 Dec 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 29-30 Oct 2014.
11. Attended four day workshop on “Graphical System Design Platform- LabVIEW” organized by VI solutions, Bengaluru and BIET, Davangere from 27 Sept to 1 Oct 2014.
12. Attended three day workshop on “Smart Sensing” organized by MIT, Manipal from 17-19 Jul 2014.
13. Attended two day faculty development program on “LabVIEW & its Applications” organized by E&C in association with ISTE BIET Chapter & Trident Techlabs Pvt. Ltd., Bengaluru on 2-3 Aug 2012 at BIET, Davangere.
14. Participated in a “High Impact on Teaching Skills -Mission 10X” workshop conducted at BIET, Davangere in association with Wipro from 28 May to 01 Jun 2012.
15. Attended three days workshop on “PLCs & SCADA” organized by IT forum & Prolific Systems & Technologies Pvt. Ltd., Bangalore from 31 Oct to 02 Nov 2010.
16. Attended two days workshop on “MEMS-Biomedical Applications”, organized by department of Biomedical Engineering held at Manipal Institute of Technology, Manipal from 21-22 Mar 2009.
17. Attended two day Faculty Development Program on “Virtual Instrumentation” organized under TEQIP by UBDTCE, Davangere during 29- 30 Mar 2007.
18. Attended one week Faculty Development Program on “Digital Signal Processor & its Applications” organized under TEQIP by Department of Instrumentation Technology, BEC, Bagalkot during 25-30 Sept. 2006.
19. Participated in the training program on “Instructional Design & Delivery” Conducted by PDIT, Hospet in association with NITTTR, Chennai from 03-08 Oct 2005.

Online FDPs, STTPs, Workshops Attended

- Participated in National Level One Week Online Faculty Development Program on “Introduction to Microchip FPGA” from 19-23 July 2021, organized by Department of Electronics & Communication Engineering, Bapuji Institute of Engineering and Technology, Davangere in association with Tecnomic Components Pvt. Ltd. Bengaluru, ISTE Faculty Chapter BIET and IETE Shivamogga Center.
- Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online Elementary FDP on “Application of IOT in Agriculture” from 06-10 Jul 2021 at Gandhi Institute for Technology (GIFT) Bhubaneswar.
- Participated & completed AICTE Training and Learning (ATAL) Academy Online FDP on "Building Smart Things by Leveraging IoT" from 04-08 Jan 2021 organized by JNNCE, Shivamogga.
- Participated & completed AICTE Training And Learning (ATAL) Academy Online FDP on "Artificial Intelligence and Machine Learning Applications in Biomedical Engineering" from 21- 25 Sept 2020 at University BDT College of Engineering.
- Participated in the 4 Days Live Webinar on “ Research Methodology and Data Analysis”, organized by KSTA, Bengaluru in association with VTU, Belagavi from 17- 20 June 2020.