Smt. Bhagya Shanthakumar
Assistant Professor
Department of E & C E
BIET, Davangere
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Work Experience :22 Years

- Worked as a lecturer in E&CE Department of BIET, Davangere from
22/05/1994 to 24/01/1995
- Worked as a lecturer in E&CE Department of UBDTCE, Davangere from 01/12/1995 to 31/05/2006
- Worked as a lecturer in E&CE Department of Bapuji Institute of engineering and Technology Davangere from Feb 2008 to Aug 2012
- Working as Asst. Professor in E&CE Department of Bapuji Institute of engineering and Technology, Davangere since Sept 2012.

Educational Qualification:

- M.Tech [Digital Communication and Networking] from UBDTCE, Davangere ,Kuvempu University,2008
- B.E [Electronics & Communication] from Bapuji Institute of Engineering and Technology, Mysore University, 1993.

Membership:

- Life Member of Indian Society for Technical Education:LM59778
- Life Member of Institute of Electronics &Telecommunication Engineers: M219042.

Core Subjects Taught:

Basic Electronics, Analog Electronic Circuits, Logic Design, Communication Systems, Network Analysis, Operating Systems, Microwave & Radar, Microprocessors, Computer Communication Networks, Embedded System Design, Network Security, WirelessCommunication,

Object Oriented Programming, Management & Entreprenuership, Adhoc networks, Real Time Operating Systems,Image Processing, Technological Innovations Management & Entrepreneurship, Cryptography.

Seminar/Workshops Attended

- One week FDP on **Mastering ToT: Hands on Training for Sensor Integration, Devices and Cloud Services** from 04-12-2023 to 09-12-2023 organized by Department of Electronics & Communication Engineering, Bapuji Institute of Engineering and Technology, Davangere in association with Eaktech Private Limited, Bengaluru.
- Two Days Workshop on **Skills for Quality Research and Publications** on 8th and 9th September 2023 organised by BIET Davangere in association with Karnataka Association for the Advancement of Science (KAAS) & IQAC-BIET
- FDP on **Data Analytics/Data Management**, organized by the Department of Training and Placement, BIET in association with TCS, held on 7th July 2023
- 8 week NPTEL FDP on **System Design Through Verilog** during July-September 2023
- Seminar on **Best Practices For New Education Policy(NEP) in Higher Education** Institutions sponsored by NAAC organized by BIET, Davangere on 21 February 2023.
- 5 Days FDP on **Data Analytics and Data Science** organized by the Dept of IS&E , BIET, Davangere in association with VTU Belgaum from 30 Jan to 03 Feb 2023.
- One week FDP on **Embarking On Open Sourse Software** in an Engg. Research journey from 19th to 24th April 2022.
- One Week AICTE – VTU Joint Training Programme for Teachers on **"An Overview of Teaching Techniques in Basics of Electronics and Communication Engineering"** on 13th to 17th December 2021 Organized by VTU Human Resource Development Centre (VTU - HRDC), Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur (Dist.) - 562101.
- Two days workshop on Implementation of NEP – 2020 organised by BIET Davangere in association with VTU Belagavi on 10th and 11th Dec 2021 at BIET, Davangere.
- Attended a 5 Day National Level Online Faculty Development Programme on "Current Research Trends in VLSI Design and Device Modelling" organized by Department of Electronics and Communication Engineering of Atria Institute of Technology, Bangalore, during 24th-28th August 2021.
- Participated in National Level One Week Online Faculty Development Program on **Introduction to Microchip FPGA** from 19th to 23rd 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 in Xilinx webinar on Pynq - Python productivity for Zynq SoC and Zynq Ultrascale+ MPSoC held on 09th July 2021 in association with CoreEL Technologies and Xilinx
- Attended "One Week Short Term Training Program(AICTE sponsored) on **Next Generation Wireless Technologies: 5G and beyond** held from 7th June 2021 to 12 June 2021 through online

mode organised by INDO GLOBAL COLLEGE OF ENGINEERING, Abhipur.

- Attended the AICTE-ISTE approved Orientation/Refresher Programme on "Accreditation: An Accelerator for Quality Improvement in Engineering Education" held during 22.04.2021 to 28.04.2021 organized by S.D.M. College of Engineering and Technology, Dharwad, Karnataka.
- Participated in Xilinx Webinar on **Pynq - Python productivity for ZYNQ 7000 - SoC** held on 23rd April 2021 in association with CoreEL Technologies and Xilinx
- Participated in a webinar on FDP on **Deep Learning using MATLAB , Machine Learning using MATLAB and Data Science and Analytics using MATLAB** held on 25th February 2021 organized by CoreEL Technologies
- 12 days FDP on Entrepreneurship and Innovation organized by Dayanand Sagar Academy of Technology and Management Banglore held from 22-02-2021 to 06-03-2021.
- Participated in online STTP on AI-MIMO organized by Department of Electronics and Communication Engineering, Gokaraju Rangaraju Institute of Engineering and Technology held from 25-01-2021 to 01-02-2021.
- Participated online awareness programme on "Use of Mobile Applications for Digital payment and E-Governance Services" in association with The Institute of Electronics and Telecommuncation Engineering(IETE) on 21st Dec to 26th Dec 2020 organized by department of CS&E, SVCE, Bengaluru.
- Participated online webinar entitled "REMOTE LAB PLATFORM FOR HARDWARE CIRCUIT EXPERIMENTS" held on 10/11/2020 organized by the Department of Electronics and Communication Engineering in association with Institution of Engineers(India), Davangere Local center,Davangere.
- Attended Five day Faculty Development Program on **Sensors & Their Applications** by department of Electronics & Communication Engineering IEEE Sensors Council, Bangalore Section, VIT Bangalore on 13th -17th July 2020.
- Participated Two days National webinar on "Research Trends in Image Processing & Pattern Recoginition" Organized by Brindavan College of Engineering,Bangalore on 29th and 30th June 2020.
- Successful completed of Webinar on "VLSI Design on Cadence Virtuoso using 180 nm CMOS Technology " on 26-06-2020 organized by the Department of E&CE, Proudhadevaraya Institute of Technology T. B. DAM, HOSAPETE
- Attended Five day Faculty development program on"A PARADIGM SHIFT IN MANAGEMENT", organized by Department of Mechanical Engineering, Ballari Institute of Technology and Management, Ballari, from 16th to 20th June 2020.
- Participated the Webinar on "Interlinking of Indian Rivers – Boon for Indian Prosperity" organised by Department of Civil Engineering, Ballari Institute of Technology & Management in Association with- IQAC Cell, Ballari, Karnataka held on 16th June 2020.
- FDP on Recent trends in Computer Architecture, VLSI and Embedded Ssystems RCAVES-2020 organized by Dept of E&CE , Gokaraju Rangaraju Institute of Engineering and Technology , Hyderabad, Telangana state held from 08-06-2020 to 13-06-2020.

- Participated in webinar and quiz on the event of "World Environment day-2020" on 5th June 2020,held at B.I.E.T,Davangere in association with Indian Society for Technical Education-BIET.

- Participated in the webinar entitled **"Successfully Managing Stress during Lockdown"** organized by Department of Computer Science and Engineering,RajaRajeswari College of Engineering, Bangalore on 26th May 2020.
- **Attended "COVID-19 Awareness Online Quiz" on 12-5-2020 organised by rural engineering college Hulkoti**

- Attended one day workshop on eSim, a first Course in the IOT Series forTeachers held at Bapuji Institute of Engineering Technology, Davangere on 21st September 2019 organised by the Teaching LearnigCentre ICT at IIT Bombay.
- Attended two day faculty development program on "Computer Networks Simulation using NCTUns & Networking concepts,Algorithms using C programming" from 11th and 12th of Januvary 2018 at GMIT Davangere.
- Attended a workshop on "Research Methodology" organized by Research and Development Cell of Bapuji Institute of Engineering Technology, Davangere on 28th Oct 2015.
- Attended two day Workshop on "Women Empowerment" on 18th & 19th December 2014 organized by IS&E Dept. BIET Davangere.
- Attended Two Weeks Main Workshop on "Control Systems" under the National Mission on Education through ICT(MHRD, Govt. of India)from 2nd December to 12th December 2014 at UBDTCE, Davangere.
- Attended two day faculty development program on "Image processing and its Applications" on 29th and 30th October 2014 organized by department of E&C E in association with IETE Shivmoga subcenter, IETE New Delhi and ISTE , Karntaka section, ISTE BIET , Davangere.
- Participated in the Consumer Outreach Programme organized by Telecom Regularity of India, Regional office Bengaluru on 30-04-2014 at Davangere.
- Participated in the Consumer Outreach Programme organized by Telecom Regularity of India, Regional office Bengaluru on 30-04-2014 at Davangere.
- Attended one week workshop on "A new approach for Teaching Analog Electronics Integrating Simulation and Control System" organized by SIT, Tumkur from 20th to 25th Aug 2013.

- Attended two day faculty development program on "LabVIEW and its Application" on 2nd and 3rd Aug 2012 organized by department of

E&CE in association with ISTE, BIET chapter and Trident Tech LabsPvt. Ltd. Bangalore, organized.

- Attended two day faculty development workshop on " Low Power Embedded Systems using Texas Instruments MSP430 Microcontroller" on 9th & 10th Feb 2012 at BIET, Davangere.

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- Attended Workshop on "Digital System Design using HDL – Synthesis &Simulation using Test Benches" from 16th to 18th April 2009, at BIET, Davangere.

- Participated in one day workshop on "Embedded System Design" conducted on 27th April 2007 at BIET, Davangere.

- Attended one day workshop on "Satellite Communication" organizedby UBDT College of Engineering, Davangere on 15th Mar 2007.

- Attended two days workshop on" Advanced VLSI Design" organized byUBDT College of Engineering, Davangere on 13th to 14th Mar 2007.

- Attended one day workshop on" Optical Networks" organized byUBDT College of Engineering, Davangere on 10th Mar 2007.

Delivered Lecture on
1. Lecture on "Concepts of Multiprocessing" on 23rd February 2024 under Gnana Vrudhi.

Events Organised
1   An invited talk **on Importance of internship, In-house Academic Project and Start-up (Entrepreneur)** on 25 May, 2024.
2   **PAPYRUS 2K24** – Online State level Technical Paper Presentation for UG and PG students was organized under EC Forum in association with ISTE Students' chapter & IETE Students' Forum, BIET on 5th January 2024.
3   **PAPYRUS 2K23** – Online State level Technical Paper Presentation for UG and PG students was organized under EC Forum in association with ISTE Students' chapter & IETE Students' Forum, BIET on 29th May 2023.
4   Cultural events under ECFORUM on 30th May 2023.
5   **PAPYRUS 2K22** – Online State level Technical Paper Presentation for UG and PG students was organized under EC Forum in association with ISTE Students' chapter & IETE Students' Forum, BIET on 27th June 2022.
6   Cultural events under **ECFORUM** on 27th June 2022.
7   **PAPYRUS 2K21** – Online State level Technical Paper Presentation for UG and PG students was organized under EC Forum in association with ISTE Students' chapter & IETE Students' Forum, BIET on 10th June

82021.

8   Cultural events under **ECFORUM** on **11**th June 2021.

9   webinar on **Cloud Based Application Software Development** by **Sri. Basavaraj Patil** , Solution Architect at FIS Global Inc. , Specializing in Financial Institutions System Interaction, USA, alumnus of 1992 Batch, organized under EC Forum on 28 December 2020 at 9:30am through Cisco Webex platform .

10 **Papyrus-2020** A online Technical Paper Presentation for UG students conducted under EC Forum in association with ISTE Students' Chapter & IETE Students' Forum, BIET on 26 September 2020 through Cisco Webex platform.

11 **Papyrus-2019** A online Technical Paper Presentation for UG students conducted under EC Forum in association with ISTE Students' Chapter

12 Coordinated National Level "PCB DESIGNING" workshop cum championship conducted by Magniva Technology Pvt. Ltd. In associationwith MEGALITH 15, IIT-KHARAGPUR on 02-02-2015 to 03-02-2015.

Qualified NPTEL Courses
- System Design Through Verilog during Jul-Sep 2023.
- Digital Electronic Circuits Jan-Apr 2023

Departmental Activities
- Forum Coordinator
- 18 file coordinator
- NAAC C-5
- NBA C-4
- Alumni coordinator
- Student counselling/Mentoring
- Green Campus Initiatives

Institute Activities
- Student Welfare Committee Convener
- Fashion Fiesta under Davana

Funded Projects
- Defence Camouflage Robot KSCST 2022-23 sanctioned amount Rs. 6000