

Smt. Nirmala G.

Asst. Professor

Department of E & C E

BIET, Davangere [nirmalag2801@yahoo.co.in]



Work Experience: 14Years

- **Worked as a lecturer in E&CE Department of BIET, Davangere from Nov 1987 to Jan 1990.**
- **Worked as faculty in Aptech, New Delhi May 1994 to Dec 1994.**
- **Worked as Director in Seventh Avenue Exports, Bangalore from May 1995 to July 1997.**
- **Working as Asst. Professor in E&CE Department of Bapuji Institute of Engineering and Technology, Davangere since Aug 2010.**

Educational Qualification:

- **M.Tech. [Computer Science & Engineering] from Bapuji Institute of Engineering and Technology, Davangere, VTU in the year 2014.**
- **B.E. [Electronics & Communication] from Bapuji Institute of Engineering and Technology, Davangere, Mysore University in the year 1987.**
- **B.Sc. from Desheeya Vidya Shaala Senior College, Shimoga, Mysore University in the year 1983.**

Awards:

As a Student

- **Received Padmabhushan Dr. M.C. Modi Gold Medal for “Top Student of Electronics & Communication” of BIET in the year 1986-87.**
- **Received Prof. G.S. Sivanna Gold Medal for “Best Outgoing Student of the Institute “ of BIET in the year 1986-87.**

As a Teacher

- **Obtained cent percent result in Computer Communication Networks (15EC71) in 2018.**
- **Obtained cent percent result in Digital Switching Systems (10EC82) in 2017.**
- **Obtained cent percent result in Management & Entrepreneurship (06EC61 & 10EC61) of VI Semester twice in 2011 & 2012.**

- Obtained cent percent result in Programming in C++(06EC661) of VI semester 2012.

Paper Published:

- Has published a paper titled “Faculty Performance Evaluation Using Data Mining” in the International Journal for Advanced Research in Computer Science & Technology Vol. 2 Issue 3 Ver. 1 July-Sept. 2014.

Membership:

- Associate Member of Institute of Engineers (AMIE)-66340 (Life Member).
- Life Member of Indian Society for Technical Education-LM 89378

Core Subjects Taught:

Basic Electronics, Digital Switching Systems, Programming in C++, Linear Integrated Circuits & Applications, Operating Systems, Computer Communication Networks, Analog Communication, Microcontroller, Microprocessor, Verilog HDL, Computer Organization and Architecture, Engineering Statistics and Linear Algebra.

Seminars/Workshops/Events Conducted:

- *Conducted a Value Added Training Programme on “Object Oriented Programming using C++”, from 6th November to 11th November 2019 for 3rd, 5th and 7th semester students.*
- *Conducted a Value Added Training Programme on “Object Oriented Programming using C++”, from 7th September to 18th November 2017 for 5th semester students.*
- *Conducted a five day Value Added Training Programme on “Arduino & LabVIEW”, for second year students at BIET, from 25th July to 29th July 2016.*

- *Conducted a five day Value Added Training Programme on “Object Oriented Programming using C++”, from 6th November to 10th November 2017 for 3rd, 5th and 7th semester students.*

Seminar/Workshops Attended:

- *Participated in One Week Faculty Development Programme on “Embarking on Open Source Software in an Engineering & Research Journey” organized in association with VTU-FOSS Group, Belagavi by Electronics & Commn. Engg. Department by Bapuji Institute of Engg. and Technology, Davangere from 19th to 24th April 2022.*
- *Participated in AICTE-ISTE approved orientation/refresher programme on “Electronic Assistive Devices” held during 07-01-2022 to 13-01-2022 organized by Bapuji Institute of Engg. and Technology, Davangere.*
- *Attended two days workshop on “Implementation of National Education Policy 2020” organized by Bapuji Institute of Engg. and Technology, Davangere on 10th and 11th December 2021.*
- *Participated in 5-Day FDP on “Digital VLSI Design and Verification” organized by Department of ECE, Bangalore Institute of Technology in association with Entuple Technologies and IEEE-BIT CAS from 23rd to 27th August 2021.*
- *Participated in one day webinar on "Blockchain & Crypto Currency - An overview of trending technology” held on 5th JUNE 2021, Department of Electronics and Communication Engineering, BRINDAVAN COLLEGE OF ENGINEERING, BENGALURU.*
- *Participated in 6-days AICTE-ISTE funded Induction / Refresher program (3rd - Phase) on “Future Wireless Communication: Standards & Technologies” organized by the Department of Electronics & Communication Engineering, KS Institute of Technology, Bengaluru between 24th - 29th May 2021.*
- *Participated in Virtual Power Seminar on “Industry 4.0 Employers Expectation on Fresh Engg. Graduates” conducted by CS & E Dept., BIET, Davangere on 22nd May 2021.*

- *Attended Technical Webinar On “RESEARCH CHALLENGES IN FREE SPACE OPTICAL COMMUNICATIONS” Organized by Department of ECE, GCEM, Bengaluru-560048 on 15th & 22nd May 2021.*
- *Attended 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.*
- *Attended National Webinar on “Women Empowerment” Under Mission Shakthi 2021, Jointly organized by SPIU-UP and BIET, Jhansi on 24th April 2021, Under the TEQUIP mandate of Equity Action Plan.*
- *Attended webinar on “Problem Solving and Ideation” organized by Vivekananda Institute of Technology, Bengaluru 560074 on 28th Dec. 2020.*
- *Attended “Use of Mobile Applications for Digital Payment and E-Governance Services” organized by Department of Computer Science and Engineering, SVCE, Bengaluru in association with The Institute of Electronics and Telecommunication Engineers(IETE)from 21st to 26th Dec. 2020*
- *Attended webinar on “DevOps Insights” organized by Department of Information Science and Engineering, EPCET, Bengaluru-49 on 12th Dec. 2020*
- *Attended webinar on “Assistive Technology for Empowerment of Persons with Disability” organized by BIET and Composite Regional Centre (CRC), on 11th Dec. 2020.*
- *National Level Faculty Development Program on “NBA Preparation & CO-PO Mapping” organized by Department of Mechanical Engg., Shivanagar Vidya Prasarak Mandal’s College of Engineering, Malegaon BK, Baramati on 28th June 2020.*
- *Attended C Programming Quiz Series - Basics on 7/14/2020, organized by Department of Computer Science & Engineering in association with HKBKCE-CSI Student Branch and HKBKCE- Innovation Club, HKBK COLLEGE OF ENGG., Bengaluru.*

- *Faculty Development Programme on “OBE & its Impact on Accreditation Process” during 06th -10th July, 2020, organized by RV COLLEGE OF ENGG., BANGALURU.*
- *Attended Webinar on Role of Technological Institutions for Atmanirbhar Bharat organized by State Project Implementation Unit-UP, on 9th July 2020.*
- *Attended webinar on “Beautiful Results from a Beautiful Mind” organized by Department of Electronics and Communication Engineering, Atria Institute of Technology, Bangalore on 3rd July 2020.*
- *Attended National Level Faculty Development Programme on “NBA Preparation & CO-PO Mapping on 28th June 2020 organized by dept. of Mechanical Engg., SOVE*
- *“Co-Existence between Radar and Wireless Communication Systems”, ”SAVANT2.0”an IEEE International Webinar Series, organized by dept. of Electronics and Communication Engg.in Association with IEEE BITS Society, on 27th June 2020.*
- *Attended quiz Electronic Circuits and Digital Electronics organized by dept. of Electronics and Communication Engg., JIT, Davangere on 22nd June 2020.*
- *Attended Management Development Program on “ORGANIZATIONAL AND LEADERSHIP CHALLENGES DURING COVID 19” organized by BANARSIDAS CHANDIWALA INSTITUTE OF PROFESSIONAL STUDIES, DWARKA, NEW DELHI on 20th June 2020.*
- *Attended AVANT 2.0- An IEEE International Webinar on “Co-Existence between Radar and Communications Systems” organized by Dept. of ELECTRONICS AND COMMUNICATION ENGINEERING, ST. JOSEPH’S INSTITUTE OF TECHNOLOGY, Chennai, on 17th June 2021.*
- *Attended National Level Webinar on “Fundamentals of Machine Learning” Organized by Department of Electronics and Communication Engineering, SJMIT, NH-4 Bypass, Chitradurga, Karnataka.*
- *Attended National Level Quiz on NBA on 15-6-2020, organized by the Department of Computer Engineering, P.V.P.P. College of Engineering, Mumbai-22.*

- *Attended National Level Quiz on NAAC on 15-6-2020, organized by Department of Computer Engineering, P.V.P.P. College of Engineering, Mumbai-22.*
- *Attended webinar on “Interlinking of Indian Rivers - Boon for Indian Prosperity” on organized by Department of Civil Engineering, Ballari Institute of Technology and Management, Ballari on 16th June 2020.*
- *Attended webinar on “Time for Nature: Engineered Systems to Nurture the Nature for the “ organized by Department of Civil Engineering, Ballari Institute of Technology and Management, Ballari on 11th June 2020.*
- *Attended one day webinar on "Blockchain & Crypto Currency - An overview of trending technology” organized by Brindavan College of Engg., Bangalore on 5th JUNE 2021.*
- *“INDIAN NAVIGATION SYSTEM” held on 6th May 2020, organized by Brindavan College of Engg., Bangalore.*
- *Attended One Week AICTE-VTU Joint Training Programme for Teachers on “An Overview of Teaching Techniques in Engineering Statistics and Linear Algebra” between 6th to 10th January 2020 at VTU Centre for Post Graduate Studies, Bengaluru Region, Muddenahalli, Chikkaballapur.*
- *Attended One Day Workshop on eSim, a First Course in the IoT Series for Teachers on Saturday, 21 September 2019 organized by the Teaching Learning Centre (ICT) at IIT Bombay, a scheme of 'Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching' (PMMMNMTT), an initiative of the Ministry of Human Resource Development, Government of India, at Information Science & Engineering. Department, BIET.*
- *Attended two day Faculty Development Program on “Arm Cortex M3 Microcontroller” on 23rd and 24th of January 2018 at BIET in association with ISTE, BIET Faculty Chapter and Advanced Electronic Systems, Bangalore.*

- *Attended two day Faculty Development Program on “System Design using Vivado Design Suite and Zynq –7000 SoC” in association with ISTE-BIET Faculty Chapter, Davangere and CoreEL Technologies, Bengaluru on 15th and 16th June 2017.*
- *Attended two day Faculty Development Program on "Image Processing and Its Applications" in association with ISTE student chapter, BIET, ISTE Shimogga Sub-section, Shimogga and IETE, Karnataka on 29th and 30th Oct 2014.*
- *Attended “Feel Teacher” Learning and Development Intervention organized by CLHRD, Mangalore conducted from 19th April to 21st April 2013 at BIET, Davangere.*
- *Attended Deep Dive Faculty Enablement Program on Foundation Program 3.1 conducted by Infosys Campus Connect from 28th Jan to 1st Feb 2013 at BIET.*
- *Attended Two-day FDP on “Labview and its Applications” by Texas Instruments, Bangalore, at E&CE Department, BIET, Davangere on August 2nd & 3rd 2012.*
- *Attended Two-day FDP on “Low Power Embedded Systems using Texas Instruments MSP 430 Microcontrollers” by Cranes Software International Ltd. And Texas Instruments India University Program, B’lore on 9th and 10th Feb 2012.*
- *Attended Two-day FDP on “Image Processing & its Applications” organized under ISTE-BIET chapter in association with IETE subcenter Shivamogga at BIET on 29th & 30th October 2014.*
- *Participated in two days workshop on “Women Empowerment” held on 18th & 19th December 2014, organized by IS & E Department, BIET.*

- *Participated in the “Workshop on Research Methodology” organized by Research & Development cell in association with ISTE-BIET chapter, Bapuji Institute of Engineering & Technology, Davangere held on 28th October 2015.*
- *Attended one day seminar on “ROLE OF WOMEN IN SOCIETAL REFORMS” organized by Department of Information Science and Engineering in association with ISTE Faculty Chapter, ISTE Student Chapter, NSS, YRCW, BIET, Davangere on 10th March 2017.*
- *Attended two day workshop on “System Design using Vivado Design Suite and Zynq –7000 SoC” organized by Department of Electronics & Communication Engineering, ISTE-BIET Faculty Chapter, Davangere and CoreEL Technologies, Bengaluru on 15th and 16th June 2017.*

Conference:

- *Attended a National Conference on “Recent Advances in Electronics & Communication Engg.” organized by E & CE department on 13th October 2017 for faculty, research scholar and PG students at BIET, Davangere.*

Short Term Course:

- *Participated and successfully completed five days short term course on “Microcontroller Applications” under Quality Improvement Programme of All India Council for Technical Education, New Delhi from 11th July to 15th July 2016 at Indian Institute of Science, Bangalore.*