Smt. Suma K G

Assistant Professor
Department of E & C E
BIET, Davangere
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Work Experience : 19Years

- Worked as a lecturer in E&CE Department of UBDTCE, Davangere from 1/2/2000 to 15/05/2005
- Worked as a lecturer in E&CE Department of Bapuji Institute of engineering and Technology, Davangere from Feb.2007 to Aug 2012 .
- Working as Asst. Professor in E&CE Department of Bapuji Institute of engineering and Technology, Davangere since September 2012.

Educational Qualification :

- M.Tech [Digital Electronics] from SDMCET, Dharwad, VTU,17-02-2005
- B.E [Electronics & Communication] from Bapuji Institute of Engineering and Technology, Kuvempu University, 1999.

Membership:

- ☐ Life Member of Indian Society for Technical Education :LM53849
- ☐ Life Member of Institute of Electronics & Telecommunication: M-219041

Core Subjects Taught:

Analog Communication ,Digital Communication, Wireless Communication, wireless cellular and 4G LTE networks, Signals and Systems, Network Analysis, Optical Fibre Communication, Basic Electronics, Electronic Instrumentation, transmission lines and Waveguides, Digital Switching Systems, Optical Fibre Communication, Digital Switching Systems,Network Analysis, Principles of Communication Systems

Seminar/Workshops Attended:

- Attended two day FDP on " Image Processing and its Applications" organized by ISTE BIET chapter and IETE Shivamogga sub canter at BIET,Davangere on 29th and 30th October 2014.

- Attended "Feel Teacher" learning and Development Intervention organized by CLHRD, Mangalore conducted from 19th April to 21st April 2013 at BIET, Davangere

- Attended Two-day FDP on "Labview and its Applications" at E&CE Dept., BIET, Davangere on August 2nd & 3rd 2012.

- 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" conductedon 27th April 2007 at BIET, Davangere.

- Attended Workshop on "Embedded System Design" at SDMCET, Dharwadon July 2002.

- Participated in webinar and Quiz on the eve of "World Environment Day-2020' on 5th June 2020 held at BIET,Davangere.

- Attended Faculty Program on NBA on 15th may 2020 with a passing score of 60% organized by Bharitiya Vidhyapeeth College of Engineering ,navi Mumbai- 400614

- Participated in three Days FDP on Artificial Intelligence using MATLAB.

- held for the period of 23rd February 2021 to 25th February 2021, organized by CoreEL Technologies

- Participated in FDP on Deep Learning using MATLAB held on 25th February 2021,a webinar organized by CoreEL Technologies

- Participated in 5 days 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 and Successfully completed 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.

- Participating in the five day faculty development program on"Developing Leadership Skills for Enhancing Personal and Organizational Outcome" conducted by Department of Electronics and CommunicationEngineering, VVCE, Mysuru from 13th to 17th September 2021.

- Participated In Two Days Online Work Shop on "National cyber safety and security standards in association with NCDRC held on 6th And7th Jan 2022 at BIET, Davangere.

- Attended nine days Online FDP on "Outcome Based Education and Essential AI Tools for Teachers" from 10th to 18th August 2023.

- Attended two days FDP on "Skills for Quality Research and Publications",organized by B.I.E.T in association with KAAS &IQAC on 8th and 9th September 2023.

- Attended five days National level FDP on "Emerging Trends in Signal Processing, Image Processing& Artificial Intelligence" organized By department of E&CE,SJMIT ,Chitradurga from 12th to 16th September 2023.

Paper Publications:

- Published a paper entitled "Detection and Monitoring of Manhole using IoT" in International Journal of Innovative Research in Computer and Communication Engineering(IJIRCCE), Volume 12, Issue 7, July 2024.

- *Published a Paper entitled "Solar Powered Seed Sowing Robot" in International Journal of Advances in Engineering and Management (IJAEM) Volume 6, Issue 06 June 2024, pp: 788-790.*

- Published a Paper entitled "Smart Digital Height Measurement System" in International Journal of Advances in Engineering and Management (IJAEM) Volume no.: 05, Issue No.11,10 Oct 2023, pp: 113-116 www.ijaem.net ISSN:2395-5252.

- Published a paper entitled " Laser Based Border Security System Using Automatic Gun Fire" in in International Journal of Innovative Research in Computer and Communication Engineering(IJIRCCE), Volume 11, Issue 10, October 2023

Extracurricular activities:

- Participated online Quiz on COVID-19 awareness on 29th April organized by department of Physical Education and Sports in collaboration with NSS unit and red cross society of govt,Engg, College, Kushalnagar.
- Participated in "Spitting Kills "campaign during Apr-May 2020 to prevent the spread of COVID-19 .
- Participated In Online "covid-19"General AWARENESS Quiz organized by dept. of IS&E on 3rd June 2020 at BIET, Davangere