

**SHIVAKUMARASWAMY G M** BE (E &E), M. Tech. (Electronics)

Assistant Professor

Dept. of Electrical & Electronics Engineering,  
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### **AREA OF INTEREST**

Data Security, Signal Processing, Digital System, Power Systems.

### **TEACHING EXPERIENCE**

Having 19 years of teaching experience

- Working in the Department of **Electronics and Communication Engineering** at Bapuji Institute of Engineering and Technology, since 02-08-2004.
- Presently working as Assistant Professor in **Electrical & Electronics** Department, BIET, Davanagere, from 01-01- 2019 to till date

### **EDUCATION**

- Pursing Ph.D from Srinivasa University, Mangaluru.
- M.Tech [Electronics] from Sir MVIT College of Engineering and Technology, Bengaluru, Visvesvaraya Technological University.
- B.E [Electrical and Electronics Engineering] from Bapuji Institute of Engineering and Technology, Davangere, Kuvempu University.

### **PROFESSIONAL MEMBERSHIP**

- Life Member of Indian Society for Technical Education : LM53857
- Life Member of Institute of Electronics & Telecommunication Engineers : M-219040

## **INTERNATIONAL JOURNAL**

- Published Journal paper entitled “**Design an IoT Enabled Healthcare System for Improving the Performance of Security and Authentication in Cloud Computing**”, Volume 21 Issue 1, 2022, 6114 – 6126, **TELEMATIQUE**, ISSN: 1856-4194, 1<sup>st</sup> Nov 2022, Shivakumaraswamy GM, Dr. Rajanna GS, Dr. Ashoka K
- Published Journal paper entitled “**Privacy preserving in Electronic Healthcare Data using Application Based Requirements with Sensitivity Level Flags**”, Vol.28, No.11, ISSN: 1006-5911, **Computer Integrated Manufacturing Systems**.
- Published Journal paper entitled “**Disease Categorization With Clinical Data Using Optimized Bat Algorithm And Fuzzy Value**”, October 2022 , Volume 20, Issue 12, Page 2006-2015, DOI: 10.14704/NQ.2022.20.12.NQ77174
- Published Journal paper entitled. “**A Survey of Privacy and Security issues in Internet of Things**” International Journal of Advanced Research in Computer and Communication Engineering, Vol. 10, No. 9, Sept. 2021.
- Published Journal paper entitled “**Study of Frequency and Polarization reconfigurable on square patch antenna**” in International Journal of Scientific research in Computer Science, Engineering and information Technology , Volume VII, Issue II, | ISSN 2456-3307, March 2021.
- Published Journal paper entitled “**Study of Frequency and Polarization reconfigurable on square patch antenna**” in International Journal of Scientific research in Computer Science, Engineering and information Technology , Volume VII, Issue II, | ISSN 2456-3307, March 2021.
- Published Journal paper entitled “**Conversion of sound energy to Electrical energy**” in **International Journal of research in Engineering, Science and Management**, Volume III, Issue VI, | ISSN 2561-5792, June 2020
- Published Journal paper entitled “**Brain Tumor detection using image processing and sending tumour information over GSM**” International Journal of advanced research in Computer and Communication Engineering ,Volume V, Issue V, | ISSN 2278-1021, May 2016

## **WORKSHOPS / CONFERENCES ATTENDED**

- Participated in National Level One Week Faculty Development Program on “Recent Development in Green Technologies” organized by Department of Electrical and Electronics Engineering, ATME College of Engineering, Mysuru, held from 24th – 29th September 2021.
- Participated in the five days Faculty Development Programme on Achieving Excellence in Teaching, Research and Commercialization during 16th August – 21st August, 2021 organized by Amity Institute of Information Technology, Amity University Kolkata.

- Participated in the One Week Faculty Development Programme Advance Cyber Security and Forensics from 26th July 2021 to 31st July 2021 (1 week) organized by E & ICT Academy, IIT Kanpur (A Joint Initiative of MeitY & IIT Kanpur)
- Participated in the five days Faculty Development Programme on Machine Learning – Foundation. Methodologies and Interconnections during 19th July – 23rd July, 2021organised by Amity Institute of Information Technology, Amity University Kolkata.
- Attended the Webinar on “Effective Utilization of VTU Consortium E-Resources using RRCE” jointly organized by Library and Information Centre & Department of Information Science & Engineering of Raja Rajeswari College of Engineering, Bangalore on 2nd July 2021.
- participated in AICTE-ISTE Sponsored Orientation/ Refresher One Week Online Programme On “Model Based Design Using MATLAB, Electronic Design Automation Technologies” From 9th to 15th March 2021 Organized by K. I. T.’ s College Of Engineering (Autonomous), Kolhapur.
- Attended a Five Day’s Online Faculty Development Programme on “Advancement in Signal and Image Processing” organized by Department of Electronics and Communication Engineering in association with IEEE and IETE Student Chapter of Atria Institute of Technology, Bengaluru during 8 – 12th February 2021.
- Participated in online Webinar on “Recent Trends in Electrical Power Systems” organized by ANGADI Institute of Technology, Belegavi held on 06th January 2021
- Participated in online Webinar on “ Advances in Solar Energy Technology” organized by Oxford college of Engineering , Bengaluru, 01st January 2021
- Participated in online Webinar on “Recent Trends in Electrical Power Systems” organised by ANGADI Institute of Technology, Belegavi held on 06<sup>th</sup> January 2021
- Participated in online Webinar on “ Advances in Solar Energy Technology” organized by Oxford college of Engineering , Bengaluru, 01<sup>st</sup> January 2021
- Participated in online Webinar on “Remote Lab Platform for Hardware Circuit Experiments” organised by BIET, Davangere held on 10<sup>th</sup> November 2020
- Participated in online Webinar on “ OS and Automotive Systems” organized by Vemana Institute of Technology, Bangalore held on 18<sup>th</sup> July 2020
- Participated in online Five days Faculty Development Program on “Sensors and Their Applications” organised by IEEE Council, Vemana Institute of Technology, Bangalore held on 13-17<sup>th</sup> July 2020
- Participated in National Level online Webinar on “Simulation Driven Innovation for e-Mobility” organized by KLE Institute of Technology held on 10<sup>th</sup> June 2020.
- Participated in one day Workshop on “Basic First aid training” organized by Vmedo’s Basic first aid curriculum at BIET college, Davangere, held on 9<sup>th</sup> Nov 2019

- Participated in one day Workshop on “First Course in the IOT Series for Teachers” organized by learning centre IIT Bombay , held on september 21, 2019 at BIET college, Davangere
- Participated in a one week Training program on “Application of LABVIEW in Engineering & Research” in February 2019 conducted by department of Electronics and communication Engineering, BIET college, Davangere
- Participated in one day Faculty development program on “Computer vision in industry, cloud, and microservices ” in February 2019 conducted in BIET college, Davangere
- Participated in one week Short term Training program through ICT mode on “EFFECTIVE TEACHING ” in JULY 2019 conducted in BIET college, Davangere
- Participated in Two day FDP on LabView & its Applications on 2nd & 3rd Aug 2012 at BIET, Davangere
- Participated in VTU – VGST Faculty Development Programme on “ Recent Advances In Medical Imaging Techniques” on 26th - 30th Mar 2012 at GSSSIETW, Mysore
- Participated in Two day Hands-on on FDP on Low Power Embedded Systems Using Texas Instruments MSP430 Microcontroller on 9th-10th Feb 2012 at BIET, Davangere
- Participated in Two day workshop on “LABVIEW & NI Hardware” on 2nd - 3rd Sep-2011 at KSIT, Bangalore
- Participated in Two day workshop on “Advanced Electrical Power Systems and Artificial Intelligence Techniques” on 11th -12th Feb 2011 at BIET, Davangere
- Participated in Two day workshop on “Artificial Neural Network & its Applications.” on 17th- 18th Sep-2010 at STJIT, Ranebennur
- Participated One day workshop on “Mathematics & its Applications In Engineering” On 18th Feb - 2010 at BIET, Davangere
- Participated in Three day workshop on “Digital System Design using HDL – Synthesis & Simulation using Test Benches” on 16th- 18th Apr 2009 at BIET Davangere
- Participated in One day workshop on “Mechatronic and Microprocessor” on 7th March – 2009 at BIET, Davangere
- Attended a seminar on “Mathematics & Applications in Engineering”, on 18th Feb 2010 at BIET, Davangere
- Workshop on Embedded System Design, organized by IIPC , E&C Dept, BIET, Davangere and Advanced Electronic Systems ,Bangalore 27th April 2007.
- Workshop on “Tanner Tools. Pro- A complete VLSI design”, organized by E&C Dept., BIET, Davangere and Sovereign Technologies, Bangalore on 16th Nov.2006.

- Attended a workshop on “Disaster prediction, Prevention & Mgmt” ISTE 35th Annual Convention from 15th -17th Dec 2004 at BIET, Davangere.

### **RESPONSIBILITIES**

- Academic Coordinator
- Sports Secretary

### **PROJECTS GUIDED**

- Guided more than 20 Batches

### **SUBJECTS TAUGHT**

- Basic Electrical Engineering
- Basic Electronics
- Linear Integrated Circuits & Applications
- Computer Concepts and C Programming
- Analog Electronic Circuits
- Digital Electronics
- Signals & Systems
- Network Analysis
- Operating System
- Operation Research and Management.....

### **RESIDENTIAL ADDRESS:**

**SHIVAKUMAR SWAMY G M**

#1391/34, 3<sup>rd</sup> cross, 2<sup>nd</sup> stage

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Davangere-577004,

Karnataka, India..