

Faculty Profile

Name of Faculty	Sujaya B L
Department	Electronics and Communication Engineering
Qualification	BE, MTech, (Ph.D.)
Designation	Assistant Professor
Area of specialization	Embedded Systems, Signal Processing, Image processing, Sensors, RTOS, Networking, Digital System Design, Operating Systems, Computer Networks
Date of Joining BNMIT	11.08.2004
Nature of Association (Regular/Contractual/Adjunct)	Regular
e-mail	sujayabl@bnmit.in, Sujaya.bnmit@gmail.com
No. of years of Experience	Teaching:17 years10 months



Academic Qualifications

- **(Ph.D.)**2012 Department of ECE, BMSCE, VTU
- **M.Tech.** (2006), Applied Electronics, Dr MGR Deemed University (**FCD**)
- **B.E** (1999), Instrumentation and Electronics, BIT, Bangalore University(**FCD**)

Working Experience Details

- Asst. Professor , Dept. of ECE, BNMIT, Bangalore, India,(2015-Till Date).
- Asst. Professor , Dept. of TCE, BNMIT, Bangalore, India,(2012-2015).
- Senior Lecturer, Dept. of TCE, BNMIT, Bangalore, India, (2008-2012).
- Lecturer, Dept. of ECE, BNMIT, Bangalore, India, (2004-2008).
- Lecturer, Dept. of TCE, DSCE, Bangalore, India, (2002-2004).

Subjects taught:

Embedded Systems, Signal Processing, Image processing, Sensors, RTOS, Networking, Digital System Design , Operating Systems, Computer Networks, Computer Organization

Academic Positions and other Responsibilities (University Level):

1. **Deputy Chief Superintendent** (External) at PG Studies,VTU, Bangalore for the conduction of June 2013 Post Graduate examinations of VTU, Belgaum.

Professional Memberships:

- **Life Member, Indian Society for Technical Education (ISTE).**

Participation in Training courses/Seminars/Workshops:

1. One Week FDP on “IoT based Project Design and Development” from 24th to 29th June 2019 at BNMIT.
2. One Week FDP on “Computational Methods for Partial Differential Equations using MATLAB” from 10th to 14th June 2019 at BNMIT.
3. One day Workshop on “Internet of Things” on 22nd September 2018 organised by BNMIT.
4. Eight Weeks Training on “Embedded System Design with ARM”, from January to March 2019 by NPTEL.
5. Three day workshop on “Computer Networks Laboratory using NS3, NCTUNS and C/C++” from 23rd to 25th January 2018 at RNSIT.
6. One Week FDP on”MSP 430 Microcontroller and its Applications” from 31st to 5th August 2017 at BNMIT.
7. One Week FDP on”Physical Design Challenges in DSM Node Communication Engineering” from 16th to 21st January 2017 at BNMIT.
8. Two day symposium on “Tech Treat on Emerging Technologies” from 4th to 5th August 2016 at BNMIT.
9. One Week FDP on Computer and Wireless Networks” from 11th to 16th July 2016 at BNMIT.
10. One Week FDP on ARM CORTEX M3 from 8th to 14th January 2016 at BNMIT
11. One week FDP on Electronics and Communication trends from 19th to 23rd January 2015 at BNMIT.
12. Two day workshop on Biomaterials and Biomechanics from 12th to 13th February 2014 at MSRIT.
13. Three day workshop on “Research Methodologies And Latex” at VVIET, Mysuru from 29th to 31st December 2014
14. Research Workshop in Signal& Image Processing at BNMIT, on 28th & 29th Jan 2010.
15. Recent trends in VLSI & Embedded System Design at JSSATE, Bangalore
16. Recent trends in VLSI & Embedded System Design at GAT Bangalore, on 12th& 13th April 2007.
17. Trends in Electronics & Communication, on 19th& 20th June 2007.
18. Workshop on Flash Microcontroller & DSP at BIT, Bangalore, from 4th to 9th August 2005.
19. Quality Improvement Program at BNMIT, from 9th to 14th Aug. 2004.
20. Faculty development program at DSCE, Bangalore, on 18th& 19th Oct. 2003

Research Publications:

1. Sujaya B L, Manu Srinath, Vishesh “Conceptual study of wireless BAN using Bluetooth/ IEEE 802.11n” International Journal of Advanced Research in Computer and Communication Engineering ISSN:2278-1021, Volume5, Issue:11, Nov2016 pp 394-398.
2. Karthik J, Nagaraj B, Pavan Kumar H S, Rahul S Rathod, Sujaya B L, “Intelligent Security for Indian Army”, Journal of Emerging Technologies and Innovative Research ISSN:2349-5162, Volume 6, Issue 6, June 2019,pp965-969.
3. Sujaya B L, Rashmi S Bhaskar, “Communication Performances of Intrabody Communication for WBAN”, SSRG International Journal of Electronics and Communication Engineering (SSRG-IJECE) – ISSN: 2348 – 8549 Volume 6 Issue –6 June 2019 pp15-18

Personal Details:

- **Date of Birth:** 30 - 04 -1977
- **Gender:** Female.
- **Marital Status:** Married, **Spouse:** Sunil Kumar N R

1st August 2019

Sujaya B L