

Faculty Profile

Name of Faculty	Mrs. Shruthi. N
Department	Electronics & Communication Engineering
Qualification	B.E., M.Tech., (Ph.D.)
Designation	Assistant Professor
Area of specialization	Digital Electronics & Communication
Date of Joining BNMIT	05.07.2019
Nature of Association (Regular/Contractual/Adju nct)	Regular
Mobile Number	7975883254
e-mail	shruthi.swamy@gmail.com
No. of years of Experience	Teaching: 5.5 years Industry: 3.5 years



Academic Qualifications

- **M.Tech** (2014), Digital Electronics & Communication, DSCE, VTU (FCD).
- **B.E.** (2005), Electronics & Communication, RNSIT, VTU (FCD).

Working Experience Details

- Assistant Professor at BNMIT in Dept. of ECE from July 5th 2019 to till date.
- Assistant Professor at APSCE in Dept. of ECE from July 25th 2014 to February 1st 2017.
- Lecturer at SBMJCE in the Department of Electronics and Communication from August 1st 2009 till October 26th 2012.
- Software Engineer in Satyam Computer Services Ltd., Bangalore from February 6th 2006 to August 3rd 2009.

Subjects handled

Electronic Instrumentation, Digital Communication, Digital Design using HDL, Operating Systems, Control Systems, Information Theory & Coding, Microwaves & Radar, Programming using C++, Logic Design, Computer Communication Networks, Management & Entrepreneurship.

Research Publications

1. **Shruthi N**, Dr. Anitha V, "Application Layer Security Authentication Protocols for the Internet of Things: A Survey", Advances in Science, Technology and Engineering Systems Journal, ISSN: 2415-6698, Vol. 4, No. 1, 317-328 (2019).
2. **Shruthi N**, C K Vinay, "Network Layer Attacks: Analysis & Solutions, A Survey", IOSR Journal of Computer Engineering (IOSR-JCE), e-ISSN: 2278-0661,p-ISSN: 2278-8727, Volume 18, Issue 2, Ver. IV (Mar-Apr. 2016), PP 67-80.

3. **Shruthi N**, Vinay C K, “COUNTER MEASURES FOR LINK LAYER ATTACKS IN COGNITIVE RADIO NETWORKS: A DETAILED STUDY”, Global Journal of Advanced Engineering Technologies, Volume 4, Issue 3 – (2015), PP 132-147.
4. **Shruthi N**, C K Vinay, “LEON 3FT Processor Based Design for Spacecraft Applications – Frequency Based Performance Analysis”, International Journal of Engineering Science Invention IJESI, Volume 3 Issue 12 (November 2014), PP.21-27.
5. **Shruthi N**, Prashant Kulshreshtha, Dinakaran E, Dr. Girish V Attimarad, Subramanya Udupa, “Performance Estimation of a LEON 3FT Processor Based Design for Spacecraft Applications”, IOSR Journal of Electronics and Communication Engineering, Volume 9, Issue 3, Ver. V (May - Jun. 2014), PP 48-54.

Participation in Training courses/Seminars/Workshops

1. FDP on ‘IoT Based Project Design and Development’, June 24th to June 29th, 2019 at B.N.M. Institute of Technology.
2. ISTE sponsored FDP on ‘NS-3 and Its Advanced Usage’, June 27th to July 1st 2016, RNSIT, Bengaluru.
3. Workshop on ‘Real Time Application Development in Embedded Systems’, Apr 27th & 28th 2012, Jain University.

Personal Details

- **Date of Birth:** 24-08-1983
- **Gender:** Female
- **Family Details:** Married

12th July 2019

Shruthi N