

## Faculty Profile

<b>Name of Faculty</b>	Sreevidya R C	
<b>Department</b>	CSE	
<b>Qualification</b>	BE, M. Tech, (Ph.D)	
<b>Designation</b>	Asst. Professor	
<b>Area of specialization</b>	Computer Science and Engineering	
<b>Date of Joining BNMIT</b>	18-01-2008	
<b>Nature of Association (Regular/Contractual/Adjunct)</b>	Regular	
<b>Mobile Number</b>	9972866183	
<b>e-mail</b>	<a href="mailto:sreevidyarc@bnmit.in">sreevidyarc@bnmit.in</a> <a href="mailto:Sreevidya.rc@gmail.com">Sreevidya.rc@gmail.com</a>	
<b>No. of years of Experience</b>	Teaching: 11.6years Industry: 3years	

### Academic Qualifications

- **Ph.D (Thesis Submitted)**, Computer Science and Engineering, RVCE, Research Centre Bengaluru, Affiliated to VTU, India.
- **M.Tech -2010**, Computer Science and Engineering, SJB Institute of Technology, Bengaluru, Affiliated to VTU, India.
- **BE -2005**, Computer Science and Engineering, Sri Krishna Institute of Technology, Bengaluru, Affiliated to VTU, India.

### Working Experience Details

- Asst. Professor, Dept. of CSE, BNMIT, Bangalore, India, (2008 – Till date).
- Software Test Engineer, Potential Technologies, Bengaluru, India (2005-2008)

### Subject Taught

#### Under Graduate

- Engineering Technology Management, Computer Concepts and Programming, Management Engineering, Software Engineering, UNIX System Programming, Discrete Mathematical Structures, Data Structures, UNIX Shell Programming, Embedded Computing Systems, Adhoc Networks, Web 2.0 and its Rich Applications, Computer Networks, Data Communication, Programming the Web

## **Post Graduate**

- Switching and Statistical Multiplexing Techniques, Advanced Computer Networks

## **Academic Positions and other Responsibilities**

### **University Level**

- **UG Practical Examiner**
- **PG Project External Examiner**
- **Evaluator**

### **Institute Level**

- **Deputy Chief Superintendent** (External) at GTTC, Bengaluru, India

### **Department Level**

- Counsellor
- ISO Coordinator
- NBA Coordinator
- NAAC Coordinator
- Exam Coordinator
- Test Coordinator
- Timetable Coordinator
- Organising Committee for FDP
- Organising Committee for International Conference
- Project Guide
- PAAC member
- DAB member
- Stock Verification
- ACSIS Coordinator

## **Research Publications:**

### **International Journals:**

1. “A survey on secure protocols against DOS attacks in wireless sensor networks” Sreevidya R C, Sushma K V published in Imperial Journal of Interdisciplinary Research, Volume 3, Issue 5, May 2017.
2. “Cluster based sleep scheduling mechanism for wireless sensor networks” Sreevidya R C, Nagaraja G.S published in Journal of Theoretical and Applied Information Technology April 2017. Vol.95. No 8. ISSN: 1992-8645, E-ISSN: 1817-3195.

3. “Two Tier Energy Efficient Secure Scheme For Wireless Sensor Networks”, Sreevidya R C, Deepa R K published in International Journal for Scientific research and Development, volume 4 Issue 6 in August 2016.
4. “Distributed Soft Deadline Scheduling with Data Redundancy Elimination to guarantee QoS in Hybrid Wireless Network”, Asma Kouser, Sreevidya R C published in International Journal of Advanced research in Computer and communication Engineering, Volume 4, Issue 7, July 2015 2279-1021.
5. International Journal IJSER in volume 5, issue 1, January 2015 edition (ISSN 2229-5518), title ” Improved Energy Efficient Protocol using Clustering in Wireless Sensor Network”.

#### **Papers presented in International/National Conferences**

1. Memory Hierarchy using compressed and shared cache, 3rd National Conference on Recent Trends in Information Technology 4th April 2009, SJBIT, Bangalore
2. Survey on Multicast Routing Protocols for Wireless Sensor Networks, International Conference on Advanced Engineering and Technology, Feb 2013, ISBN: 978-93-82702-16-0
3. The paper titled “Reliable Multicast Clustering approach based on K-means method for Wireless Sensor Networks” International Conference on Advances in Electronics, Computers, and Communications(ICAIECC-2018) at the conference organized by the School of Electronics and communication Engineering REVA University Bengaluru 9th and 10th February 2018.
4. The Paper titled “Secure Multicast Routing for Wireless Sensor Networks using ACO-AODV with DHKE Cryptosystem ” in International Conference on Computing Methodologies and Communication ICCMC2018 organized by Surya Engineering College during 15-16 February 2018.

#### **Participation in Training courses/Seminars/Workshops/Conferences**

1. National Conference on recent trends in Information Technology, 4th April 2009,SJBIT, Bangalore
2. International Conference on Advanced Engineering and Technology, Feb 2013, Bangalore
3. Workshop on “Advances in Computer Network Technologies: Routing, Switching, Virtualization and NS2 Simulator” ACNT 2013 from 7th -9th March 2013 held by Dept. of CSE, RVCE, Bangalore.
4. Three day workshop on “Collaborative Wireless Sensor Networks and IoT Technologies” from 12th -14th December 2013, held by Dept. of CSE, RVCE, Bangalore.
5. Workshop on Research Methodologies and Latex from 20th-22nd February 2014 held at K.S school of Engineering and Management, Bangalore.

6. Preparation for Accreditation by NBA, BNMIT, 3<sup>rd</sup> to 5<sup>th</sup> December 2015.
7. Use of ICT in Education for Online and Blended Learning, IIT Bombay, May to July 2015.
8. Technical Communication for Scientists and Engineers a course of study offered by IITBombayX, 07 July – 15 November 2016.
9. Basic 3D Animation using Blender, IITBombayX, 26<sup>th</sup> Jan-22<sup>nd</sup> June 2017.
10. Attended 5 days Faculty Development Program on “Biomedical Signal Processing” held at BNMIT from 11th to 15th June 2018.
11. Participated in the 5-day skill enhancement program for mentors, teachers and counselors on “Helping our students get through college” between 21<sup>st</sup> and 25<sup>th</sup> of January 2019 at Global Academy of Technology, Bengaluru.

### **Short Term Courses**

1. Successfully completed the course “Soft skills and Workplace communication” conducted by IIT BombayX an online learning initiative of IIT Bombay conducted from 22 January 2018 to 17 March 2018
2. Successfully completed the course “Basic 3D Animation using Blender” conducted by IIT Bombay (MOOC) between 26th January-22 June 2017
3. Participated a STTP on Technical Communication for Scientists and Engineers conducted by IIT Bombay (MOOC) between 07th July and 15th November 2016
4. Participated a STTP on Pedagogy for Effective use of Engineering Education conducted by IIT Bombay (MHRD) between 05th Jan and 31st Jan 2015

### **Personal Details:**

- **Date of Birth:** 22-04-1984; **Sex:** Female.
- **Family Details:** Husband and Two Kids.

**July 2019**

**Sreevidya R C.**