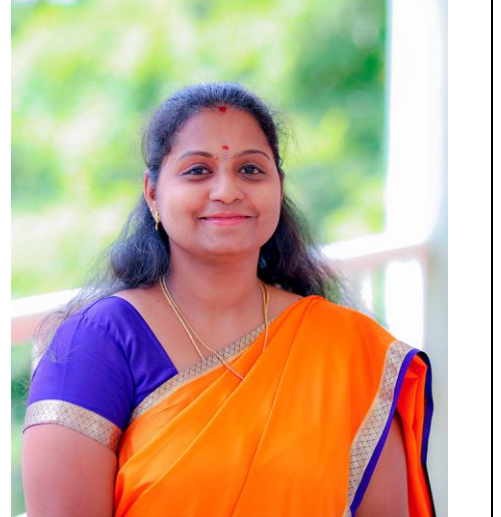


## Faculty Profile

<b>Name of Faculty</b>	Prof.S.Srividhya
<b>Department</b>	Information Science & Engineering
<b>Qualification</b>	B.Tech, M.Tech,(Ph.D)
<b>Designation</b>	Assistant Professor
<b>Area of specialization</b>	Robotics & Networking
<b>Date of Joining BNMIT</b>	26 <sup>th</sup> July 2010
<b>Nature of Association (Regular/Contractual/Adjunct)</b>	Regular
<b>Mobile Number</b>	9620476339
<b>e-mail</b>	ssrividhya@bnmit.in s.srividhyaa@gmail.com
<b>No. of years of Experience</b>	Teaching: 13 years



### Academic Qualification

<b>Ph.D.(Pursuing)</b>			VTU, Belgaum.
<b>M.Tech</b>	2009	Department of IT,	Anna University, Coimbatore.
<b>B.Tech.</b>	2006	Department of IT,	Anna University, Coimbatore.

### Working Experience Details

Assistant Professor	Dept. of ISE	BNMIT, Bangalore, India	(Jan 2012 – Till date)
Lecturer	Dept. of ISE	BNMIT, Bangalore, India	(Jul 2010 – Dec 2011)
Lecturer	Dept. of IT	Dr.NGP IT, Coimbatore, India	(Jun 2008 – Jan 2010)
Lecturer	Dept. of IT	SNSIT, Coimbatore, India	(Aug 2007 – May 2008)
Lecturer	Dept. of IT	HICET, Coimbatore, India	(May 2006 – Jul 2007)

### Course taught

Computer Programming, Software Engineering, High Performance Networks, Data Structures, Computer Networks, Graph Theory, Management Entrepreneurship, Object Oriented Programming, Formal languages and Automata Theory, Adhoc Networks, Data Communication, Python Application programming, Database Management Systems, Advanced Computer Networks, Software Metrics and Quality Assurance

### Research Experience Details:

#### Ph.D:

Registered for Ph.D under VTU RRC – 12<sup>th</sup> December 2013. Completed Pre-Ph.D. Comprehensive viva voce examination on 10-11-2016.

### Technical skills:

**Programming Languages:** C, C++, Java, Python, HTML, Java script, Mat lab.

**RDBMS:** Oracle 10g, My Sql.

**Operating systems:** Windows XP/2010, Red hat Linux, Ubuntu.

### **Professional Memberships:**

- The Indian Society for Technical Education (ISTE) Life Member – **LM115726**
- Life Member of International Association of Engineers – **187293**
- Member of Institution of Engineers - **M-1642027**

### **Workshops /Seminars Organized:**

1. Organizer for the faculty development program on **“Data Analytics”** from 21<sup>st</sup> to 25<sup>th</sup> January 2019, conducted by department of ISE, BNMIT in association with BITES.
2. Organizer for one week faculty development program on **“Cloud Computing”** from 11th to 16<sup>th</sup> July 2016, conducted by department of ISE, BNMIT.
3. Convener for one week faculty development program on **“IT Infrastructure Management Services”** from 5th to 9th January 2015, conducted by department of ISE, BNMIT in association with Engineering Staff College of India, Hyderabad.

### **Research Publications:**

#### **I. In National & International Journals**

##### **International Journals:**

1. Latha.B, Nischitha.U, S.Srividhya, **“Human Heart Disease Prediction Using Ensemble Learning And Particle Swarm Optimization”**, International Journal of Engineering Research & Technology (IRJET), Volume 6, Issue 5, May 2019, pp. 8151-8154, ISSN: 2395-0056.
2. Bharati V, Sudarshan Rao M , Aditi J , S G Aditya Bharadwaj4, S Srividhya, **“Text extraction from Images using Convolutional Neural Network”**, International Journal of Engineering Research & Technology (IRJET), Volume 6, Issue 5, May 2019, pp. 5356-5360, ISSN: 2395-0056.
3. Ron Astle Lobo, Shridhar Suresh Bhat, J Shesha Shankar, and S. Srividhya ,**“Development of Tourism Information System using Content-Based Filtering,”**International Journal of Engineering Research & Technology (IJERT), 7, No. 5 (2018): 370-374, ISSN 2278-0181.
4. Vidhyashree.N, Mrs. S. Srividhya, **“Predictive Maintenance Using IoT”** International Journal for Research in Applied Science and Engineering Technology (IJRASET),Volume 5, Issue V, May 2017. pp. 1868-1873, ISSN: 2321-9653
5. S.SriVidhya, Dr.Prakash.S, **”Performance Evaluation of various Feature detection algorithms in VSLAM”**,PARIPEX-Indian Journal of Research, Volume 6,Issue 2,February 2017,pp-386,ISSN:2250-1991.
6. Vidhyashree.N, Mrs. S. Srividhya, **“A Survey: IoT for Everyone!”** International Journal of Scientific Engineering Research (IJSER), Volume 5, Issue 4, April 2017, pp. 35-38, ISSN:2347-3878
7. Poornashree B.R, S.SriVidhya, **“A Survey on Provable data Possession in Cloud Computing Systems”**, International Journal of Engineering Research and Technology (IJERT), ISSN:2278-0181,V5(03),707-709 March 2016.
8. Poornashree, S.SriVidhya , **“Proficient Adaptation to Non-Critical Failure System with Consistency Check in Cloud Storage”**, International Journal of Engineering Trends and Technology (IJETT) – Volume 35 Number 3- May 2016, ISSN: 2231-5381

9. S.SriVidhya, Dr.C.B. Akki, Dr.Prakash S"A **Survey on Data Association Methods in VSLAM**", International Journal of Engineering Trends and Technology (IJETT), ISSN: 2231-5381, V30(2),83-88 December 2015. DOI : 10.14445/22315381/IJETT-V30P2.

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

### **International**

1. S.Srividhya, Dr.Prakash S, Dr.K.Elangovan, presented a paper titled **"Recreation of 3D models of objects using MAV and Skanect"** in the International conference on IoT, Social, Mobile, Analytics and Cloud in Computational vision and Bio- Engineering (ISMAC-CVB 2019), organized by Vivekanandha college of Technology for women during March 13-14, 2019 at Tiruchengode, Tamilnadu, India.
2. Harsha S, Nafeesa.B, Adithya.V, Elangovan.K, S.SriVidhya, Published a paper in International Conference on Intelligent Unmanned Systems titled **"Monocular Vision based Simultaneous Localization and Mapping (SLAM) Technique for UAV platforms in GPS-denied Environments"** held at IIT Kanpur on September 20-27 2013. (ICIUS-2013-514).
3. S. Srividhya, P.Anitha, S.ThirumurugaveeraKumar **"Global Analysis of Primal Internet Congestion Control Schemes with Wired and Wireless networks"**, International conference and Exhibition on Total Engineering, Analysis & Manufacturing Technologies (Team Tech-2009). This conference was held at JN Tata Auditorium, Jnana Jyothi Auditorium, Bangalore during November 19-21, 2009
4. S. Srividhya, K Elangovan, S.ThirumurugaveeraKumar, B.Reena, **"Cost Effective Multicast Routing in Wireless Networks"**, International conference and Exhibition on Total Engineering, Analysis & Manufacturing Technologies (Team Tech-2008). This conference was held at JN Tata Auditorium, Indian Institute of Science, Bangalore, during September 22-24, 2008
5. S. Srividhya, K Elangovan, S.ThirumurugaveeraKumar, **"Network Optimization Using Compact Disk"**, International conference and Exhibition on Total Engineering, Analysis & Manufacturing Technologies (Team Tech-2007). This conference was held at JN Tata Auditorium, Indian Institute of Science, Bangalore, during October 4-6, 2007.

### **National**

1. Poornashree B.R, S.Srividhya, **"Proficient adaptation to non critical failure system with consistency check in cloud storage"**, National conference on Advancements in Information Technology organized by department of ISE,JSSATE, Bengaluru, during May 2-3 2016
2. S. Srividhya, **"Cost Effective Multicast Routing in Wireless Networks"**, CSIR Sponsored National Conference on Soft Computing, at Institute of Road and Transport Technology, Erode, during 19-20 March 2009.
3. S. Srividhya, **"Optimization of information retrieval system"**, and National Conference on E - factory: Technologies and Challenges, Institute of Road and Transport Technology, Erode, during November 24 - 25 August 2007.
4. Y.Sarojini, S. Srividhya, S.Shanmuga Priya, A.Manoj Kumar **"A Technological Approach of Information Retrieval for Space Minimum Application,"** Proceedings of National Conference on Soft Computing, Hindusthan College of Engg & Tech, Coimbatore, Tamil Nadu, (November, 2006).

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

1. Participated in the Faculty Development Program on “ Working model on Industry 4.0” from 08<sup>th</sup> to 12<sup>th</sup> July 2019 at Nettur Technical Training Foundation, Bangalore.
2. Completed a task based training (TBT-2018) during October 1<sup>st</sup> 2018 to January 10<sup>th</sup> 2019 conducted as a part of Teacher Training through the e-Yantra Lab Setup Initiative (eLSI).
3. Participated in faculty development program on “Data Analytics” organized by the Department of ISE, BNMIT in association with BITES from 21<sup>st</sup> to 25<sup>th</sup> January 2019.
4. Participated in the two day workshop on “Introduction to Robotics” conducted on 5<sup>th</sup> & 6<sup>th</sup> October held at CMR Institute of Technology, Bangalore.
5. Attended a half day event on “VMWare IT Academy” conducted by CSI Bangalore chapter collaboration with VMWare IT academy on 3<sup>rd</sup> October 2018 at VMWare head office, Bangalore.
6. Three day workshop on Pedagogic & personal Effectiveness at PES University from 18<sup>th</sup> to 20<sup>th</sup> December 2017.
7. One week Faculty Development Program on “Internet of Everything” from 31<sup>st</sup> July to 5<sup>th</sup> August 2017, conducted by department of ISE, BNMIT.
8. Three days workshop on “Workshop on formulation of funded research and development project initiatives for engineering faculty” from 23-25 February 2017, conducted by NAFEMS India.
9. One week short course on “Innovative Teaching Methods” conducted by NITTTR at BNMIT from 18.07.2016 to 23.07.2016.
10. One week Faculty Development Program on “Cloud Computing” from 11<sup>th</sup> to 16<sup>th</sup> July 2016, conducted by department of ISE, BNMIT.
11. One day workshop on “Bhuvan Panchayat Portal for Asset Mapping & Planning” held on 4<sup>th</sup> December 2015 at ISRO Headquarters, Bengaluru.
12. Two days workshop on “Technical Education Interventions for Make in India & Digital India Initiatives” from 6<sup>th</sup> to 7<sup>th</sup> November 2015, conducted by PES University, Bangalore.
13. Three day workshop on “Research methodologies & Latex” organised by VTU e-learning centre from 18<sup>th</sup> to 20<sup>th</sup> March 2015 at VTU Regional office, Bangalore.
14. One week Faculty Development Program on “IT Infrastructure Management Services” from 5<sup>th</sup> to 9<sup>th</sup> January 2015, conducted by department of ISE, BNMIT in association with Engineering Staff College of India, Hyderabad.
15. Five days Faculty development program on “Simulation and Test Bed Environment for Research Challenges in Wired and Wireless Networks” at MSRIT held during the period of 28/07/2014 to 02/08/2014 under TEQIP-II.
16. Two days workshop on “Software testing laboratory” at RNSIT held on 21/01/2013 to 22/01/2013.
17. Three day Faculty Development Programme on Innovative teaching & Effective communication organized by BNMIT held during July 18/07/12 to 20/07/12
18. One day Faculty Development Programme on “Internalize Intellectual Property & Strategic Management of IPR” on 2<sup>nd</sup> March 2012 at BNMIT, Bangalore.

19. Deep dive Faculty Development Programme focusing on tools, online assessment and FP 3.0 on 31<sup>st</sup> January, 2011 to 4th February 2011 at Infosys Technologies Ltd., Mysore DC.
20. Faculty development program on Teaching & Learning Practices, Research Methodology & Writing Project Proposals at KSIT during 24<sup>th</sup> to 25<sup>th</sup> Jan 2011.
21. One day Faculty Development Programme on 27<sup>th</sup> September 2008 at Dr.N.G.P Institute of Technology.
22. Two-day DIT sponsored seminar on “Artificial Neural Networks”, this seminar was held at Kongu Engineering College, Erode, during September 19-20, 2009.
23. Two-day National Level Workshop on “Middleware Technologies”. This Workshop was held at Adhiyamaan College of Engg., Hosur, during February 28-29, 2008.
24. Symposium on “Mechatronics and Automation”. This Symposium was held at JN Tata Auditorium, Indian Institute of Science, Bangalore, during October 4-6, 2007.
25. Faculty Development Programme on “Data Mining and Data Warehousing” held at SNS College of Technology, Coimbatore, during June 29, 2007.
26. Faculty Development Programme on “Digital Image Processing” held at Government College of Technology, Coimbatore, during May 4-5, 2007, India.
27. Staff Development Program on “Soft Computing” held at Hindusthan College of Engineering and Technology, Coimbatore, during March 28 to April 10, 2007.
28. One-day workshop on “VLSI Design”. This Workshop was held at Hindusthan College of Engg. & Tech, Coimbatore, during April 4, 2007.
29. One-day workshop on “Renewable Energy Sources & its Applications, sponsored by Ministry of Non-Conventional Energy sources, New Delhi”. This Workshop was held at Hindusthan College of Engg. & Tech, Coimbatore, during April 2, 2007.
30. National Conference on Soft Computing at Hindusthan College of Engg & Tech, Coimbatore, Tamil Nadu, (November, 2006).

**Personal Details:**

- **Date of Birth:** 11-06-1985; **Sex:** Female.
- **Family Details:** Husband and one son.

**11<sup>th</sup> August 2018**

**S.SRIVIDHYA**