


## Faculty Profile

<b>Name of Faculty</b>	Manikantha K	
<b>Department</b>	Computer Science & Engineering	
<b>Qualification</b>	M.Tech	
<b>Designation</b>	Assistant Professor	
<b>Area of specialization</b>	Computer Science & Engineering	
<b>Date of Joining BNMIT</b>	22.07.2013	
<b>Nature of Association (Regular/Contractual/Adjunct)</b>	Regular	
<b>Mobile Number</b>	9731054548	
<b>e-mail</b>	<a href="mailto:manikanthak@bnmit.in">manikanthak@bnmit.in</a> manikantha.06@gmail.com	
<b>No. of years of Experience</b>	Teaching:16.10 years	

### Academic Qualification:

Degree	Institution	Month and year of passing	% of marks obtained / CGPA
M.Tech (CSE)	R. V college of Engineering, Bengaluru, India	5 <sup>th</sup> November 2009	7.62
B.E(CSE)	H.M .S Institute of Technology, Tumkur, India	16 <sup>th</sup> September 2002	72

### Working Experience Details:

Sl No	Designation	Institution	Duration
1.	Assistant Professor	B.N.M Institute of Technology, Bengaluru, India	22 <sup>nd</sup> July 2013-Till Date
2.	Assistant Professor	Sri Bhagawan Mahaveer Jain College of Engineering, Kanakapura, India	1 <sup>st</sup> December 2007 –30 <sup>th</sup> June 2013
3.	Lecturer	Acharya Institute of Technology, Bengaluru, India	22 <sup>nd</sup> June 2005 – 30 <sup>th</sup> November 2007.
4.	Lecturer	H.M .S Institute of Technology, Tumkur, India	11 <sup>th</sup> September 2002 – 25 <sup>th</sup> June 2005.

## **Subject taught:**

**Topics Taught:** Analysis and Design of Algorithms, Object Oriented Programming with C++, Programming in C, Wireless Adhoc Networks, Analog and Digital Electronics, Data Structures, System Modeling and Simulations, Embedded Computing Systems, Operating Systems, Graph Theory and Combinatorics, Web technology, JAVA, Unix and Shell Programming, Advanced Computer Architecture, Computer Organization, Data Communication, Unix Shell Programming.

## **Software's handled:**

- Microsoft Visual Studio
- Xilinx ISE 9.1i model sim
- Xilinx ISE Design Suite 12.1
- Pspice Orcade family Release 9.2 Lite edition
- Java Netbeans/ Eclipse

## **Professional Memberships:**

- Life Member, Indian Society for Technical Education (ISTE)-LM-46769
- Member, International Association of Engineer (IAENG)-184449

## **In National & International Journals**

### **International Journals:**

1. Manikantha K, " A Review on IoT and Health Care: The Smarter Way to a Better Health Management" in International Journal for Scientific Research & Development, Vol. 7, Issue 05, 2019, ISSN (online): 2321-0613
2. P.B Rahul Choudhary, Pradhan B Suresh, Pradyumna G, Rahul Niranjana S, Manikantha K, "Smart Home Automation System" in International Journal for Research and Development in Technology, Volume -11, Issue 5, pp 155-158, ISSN (O) :- 2349-3585, May 2019.
3. Mala B M, Pavithra A, Ranjeetha J, Yamuna R & Smt. Manikantha K, "Eye Tracking for Password Authentication using Machine Learning" in International Research Journal of Engineering and Technology, Volume -6, Issue 5, pp no 6065-6070, e-ISSN: 2395-0056, p-ISSN: 2395-0072, May 2019.
4. Manikantha K, Pradyumna G, P.B Rahul Choudhary, Rahul Niranjana, Pradhan B Suresh, "Smart Home Automation System" in International Journal of Research and Scientific Innovation, Volume -6, Issue -5, pp no-9-11, ISSN 2321-2705, May 2019.
5. Mala B M, Pavithra A, Ranjeetha J, Yamuna R and Manikantha. K in "Survey on Eye Tracking For Password Authentication" 14<sup>th</sup> National Conference on Integrated Intelligent Computing, Communication and Security, May 2019.
6. Arshiya Yasmeen and Manikantha K, "A Secured Coordination trust mechanism for WSN" in International Journal of Trend in Research and Development, Volume 4(4), Issue 4, pp 325-330, ISSN:2394-9333, July-August 2017.

7. Arshiya Yasmeen and Manikantha K, "Survey on WSN Coordination Mechanisms" in Imperial Journal of Interdisciplinary Research, Volume-3, Issue-5, pp 738-742, ISSN: 2454-1362, May 2017.
8. Priyanka K R and Manikantha K, "Defining Standardized Goods in Cloud Computing Markets using SLA Mapping Approach" in International Journal for Science and Research in Technology, Volume 3, Issue 4 , pp 1116-1124,ISSN 2395-1052, April 2017.
9. Manikantha K and Priyanka K R, "Cloud computing I/O virtualization congestion" in International of advance research and innovative ideas in education, Volume 2, Issue 6, pp 1613-1621, ISSN ( O)2395-4396, 2016.
10. Priyanka K R, Shruthi B M, Kavana M D , Manikantha K "Application of Soft Computing Technique for Surmising of Adolescence Autism" in 3rd National Conference on Emerging Trends In Computer Science & Engineering, INTERNATIONAL JOURNAL OF SCIENTIFIC PROGRESS AND RESEARCH, Pages:1-5, ISSN: 2349-4689 at BGS Institute of Technology, May 2017.

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

1. Attended 5 days Skill development program for mentors, teachers and counselors on "**Helping our students get through college**" at Global Academy of Technology, Bengaluru, India from 21st to 25th January 2019.
2. Attended 1 day faculty development program on "**Internet of Things**" at at B.N.M Institute of Technology, Bengaluru, India on 22<sup>nd</sup> September 2018.
3. Attended 5 days faculty development program on "**Biomedical Signal Processing**" at B.N.M Institute of Technology, Bengaluru, India from 11<sup>th</sup> to 15<sup>th</sup> June 2018.
4. Attended one day workshop on "**Teachers as Catalysts for Change**" held at B.N.M Institute of Technology, Bengaluru, India on 21<sup>st</sup> January 2017.
5. Attended 6 days Faculty development program on "**IBM Bluemix for IoT and Security**" at B.N.M Institute of Technology, Bengaluru, India from 11<sup>th</sup> to 16<sup>th</sup> July 2016.
6. Attended 5 days faculty development program on "**Machine Learning**" at B.N.M Institute of Technology, Bengaluru, India from 18<sup>th</sup> to 23<sup>rd</sup> January 2016.
7. Attended 3 days workshop on preparation for "**Accreditation by NBA**" at B.N.M Institute of Technology, Bengaluru, India from 3<sup>rd</sup> to 5<sup>th</sup> December 2015.
8. Participated in one week FDP program on "**Networks Simulation using NS-3** " at Nitte Meenakshi Institute of Technology, Bengaluru, India during June 1<sup>st</sup> -5<sup>th</sup> 2015.
9. Participated in one week FDP program on "**Storage Area Networks: Configuration & Management Simplified**" at B.N.M Institute of Technology, Bengaluru, India, during January 19<sup>th</sup> -23<sup>rd</sup> 2015.
10. Faculty development programme on "**Academic Interface Programme**" during 13<sup>th</sup> and 14<sup>th</sup> March 2014 at TCS, Bengaluru, India.

11. Participated in 2 days workshop on “**3G**” at Alcatel Lucent, Manyatha Tech Park, Bengaluru, India held on 26<sup>th</sup> and 27<sup>th</sup> March 2012.
12. Participated in the workshop on “**MICROPROCESSOR INTERFACING**” held on April 2<sup>nd</sup> 2009 at Auden Technology and Management Academy, Bengaluru, India.
13. Participated in 2 days workshop on “**FREE/OPEN SOURCE SOFTWARE**” conducted on 18<sup>th</sup> -19<sup>th</sup> July 2007 at Acharya Institute of Technology, Bengaluru, India.
14. Participated in the workshop on “**CLUSTER COMPUTING**” organized by Atria Institute of Technology, Bengaluru, India from 6<sup>th</sup> -10<sup>th</sup> August 2007.
15. Participated in **Staff induction training programme in Pedagogy** during 4<sup>th</sup> -20<sup>th</sup> January 2006 at Acharya Institute of Technology, Bengaluru, India.
16. Participated in 3 days workshop on “**WEB DESIGN**”, under technical education quality improvement programme at Siddhartha Institute of Technology, Tumkur, India, held on 11<sup>th</sup>- 13<sup>th</sup> of November 2005.

**Manikantha K**