


Faculty Profile

Name of Faculty	Savitha.G	
Department	Computer Science and Engineering	
Qualification	M.Tech , (PhD)	
Designation	Associate Professor	
Area of specialization	Algorithm Design and Analysis, Image Processing	
Date of Joining BNMIT	01.02.2008	
Nature of Association (Regular/Contractual/Adjunct)	Regular	
e-mail	savithag@bnmit.in, savithamadhusudan@gmail.com	
No. of years of Experience	Teaching:13.11years	

Educational Qualifications

Degree	Institution	Month & Year of passing	% of marks obtained
M.Tech (CSE)	Dr. Ambedkar Institute of Technology, VTU, Bengaluru, India.	2007	72
B.E (CSE)	B.T.L.I.T.M, Visvesvaraya Technological University, India	2002	74

Working Experience Details:

Sl.No.	Designation	Institution/ Company	Duration
1	Associate Professor	B N M Institute of Technology, Bengaluru, India.	Feb 2012 - Till date
2	Sr. Lecturer	B N M Institute of Technology, Bengaluru, India.	Feb 2008 – Jan 2012
3	Lecturer	SSCE, Bengaluru, India	July 2006 – Jan 2008
4	Lecturer	Oxford College of Engineering, Bengaluru, India	Aug 2002 –Jun 2004

Subject taught:

Operating Systems, Data Structures, Algorithm Design and Analysis, Java And J2EE, System Software, Software Testing, Programming Languages, Automata Theory and Computation, Computer Organization, Network Management, Advanced Algorithms, Software Engineering, Computer Concepts and C- Programming.

Academic Positions and other Responsibilities (Institute Level):

1. Deputy Chief Superintendent (External) at RASTA Centre for Road Technology, Bengaluru, India, for the conduction of M.Tech. examinations of VTU, Belagavi, India.

Research Publications;

In National & International Journals

1. Savitha G, Vibha L and Venugopal K R, "Offline Signature Verification using Local Binary Pattern," International Conference on Image and Signal Processing (ICISP-2014), Elsevier Science and Technology Publications, Bangalore, pp. 351-359, July 25 - 27, 2014. ISBN: 9789351072522
2. Savitha G, Vibha L and Venugopal K R, "Textural and Singular Value Decomposition Feature Extraction Technique for Offline Signature Verification," International Journal for Information Processing, Nov - 2014, India, pp. 95-105, Volume 8, Issue 3, ISSN: 0973-8215
3. Savitha G, Chaitra K and Vibha L, "Implementation of Face Recognition using STASM and Matching Algorithm for Differing Pose and Brightness," International Journal of Engineering Development and Research (IJEDR 2015), pp. 1431-1435, Volume 3, Issue 2, ISSN: 2321-9939
4. Savitha G, Soumya. M and Vibha L "Secure and Efficient Traffic Pattern Discovery in MANETs" International Journal of Engineering Research and General Science, Volume 3, Issue 4, July-August, 2015 , ISSN 2091-2730
5. Pavithra H C , Savitha G "Biometric based approach to enhance confidentiality in public cloud" International Journal of Recent Trends in Engineering & Research (IJRTER) Volume 02, Issue 05; May - 2016 [ISSN: 2455-1457]
6. Savitha G, Vibha L and Venugopal K R, "Multimodal Biometric Authentication System using LDR Based on Selective Small Reconstruction Error," Journal of Theoretical and Applied Information Technology, October 2016. pp. 171-180, Volume 92. Issue 1, ISSN:1992-8645
7. Savitha G, Vibha L and Venugopal K R, "Multimodal Cumulative Class-Specific Linear Discriminant Regression for Cloud Security," International Journal of Computer Science and Information Security (IJCSIS), February 2017, PP. 157-165, Volume 15, Issue 2, ISSN: 1947-5500
8. Savitha G, Vijaylaxmi and Vibha L, "A Survey on Multimodal Biometric Authentication System," National Conference on Networking, Image Processing and Multimedia, NaCoNIM, May 10-12th 2017, pp. 96-99, ISBN: 978-81-929425-1-3
9. Savitha G, Vijaylaxmi and Vibha L, "Bimodal Personal Authentication using Decision Level Fusion of Face and Fingerprint Images," International Journal of Trend in Research and Development, IJTRD, June 2017, pp. 297-301, Volume 4, Issue 3, ISSN: 2394-9333
10. Savitha G, Vibha L and Venugopal K R, "Selective Small Reconstruction Error Based on LDRC Multimodal Biometric Authentication," International Journal of Scientific Research in Computer Science and Engineering , February 2018, PP. 1-10, Volume 6, Issue 1, ISSN: 2320-7639
11. Savitha G, Rajeev Ranjan, Sumit and Manjunath, "Survey on Computer Aided Diagnosis System for Mammogram Classification", International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 05 Issue: 05 | May-2018 www.irjet.net p-ISSN: 2395-0072
12. Savitha G and Roopini, "Skin cancer identification using image processing", International Journal for Research and Development in Technology, Volume-9, Issue-5, May-2018 in IJRDT.

Participation in Training courses/Seminars/Workshops:

1. Five Day Faculty Development Program on "**Biomedical Signal Processing**" Organized by Dept. of CSE, BNMIT, Bengaluru, India from 11th - 15th June 2018.
2. One Day Workshop on "**Teachers as Catalysts for Change**" organized by Heartfulness Institute On 21st Jan 2017 at BNMIT, Bengaluru, India.
3. Six Day Workshop on "**IBM –BlueMix for IOT and Security**" organized by Dept. of Computer Science and Engg., BNMIT, Bengaluru, India from 11th - 16th July 2016.
4. Six Day Workshop on Quality Improvement programme on "**Innovative Teaching Methods**" conducted by NITTR from 18th - 23rd July 2016
5. Two Weeks Faculty Development Program on "**Entrepreneurship**" held at Bengaluru, India during 18th - 30th Jan 2016, organized by EDI
6. One Day Faculty Development Program on "**Cognitive Computing**" held on 16th Dec 2015 organized by Accenture Technology , Bengaluru, India.
7. One week Faculty Development program on "**Storage Area Network: Configuration & Management Simplified**" on 19th – 23rd January 2015, Bengaluru, India.
8. Workshop on "**Preparation for Accreditation by NBA**" from 3rd -5th December 2015 at BNMIT, Bengaluru, India.
9. Five Day Faculty Development program on "**Machine Intelligence and Image Processing**" organized by SJBIT, Bangalore during 20th -24th July 2015
10. Three day workshop on "**Research Methodologies and Latex**" organized by VTU E-learning Centre at K.S School of Engineering, Bangalore from Feb 20 – 22, 2014
11. Three day FDP on "**Cognitive Machine Intelligence and Data Mining**" organized by BNMIT, Bangalore on 30th – 1st February, 2012.
12. Awareness and auditors program on "**ISO 9001:2008 Quality Management System**", BNMIT, Bangalore , 18th sept. 2009
13. Workshop on "**Ph.D. in computer science :A Perspective**" held at IISc ,Bangalore, July-2010
14. Workshop on "**Emerging Trends in Soft Computing**" held at BNMIT in 31st October 2008.

Personal Details:

- **Date of Birth:** 17/ 07/1980
- **Family Details:** Husband- Dr. Madhusudan K
Son- Sankeerth M.
Daughter- Samiksha M.

15th August 2018

SAVITHA G.