

## **PROFILE**

Name : **Mr. SANJEEVAKUMAR M. HATTURE**  
Designation : Associate Professor  
Qualification : M.Tech ( CSE ), [Ph.D ( CSE )]  
Specialization : Computer Science and Engineering  
Experience : 20 + Years  
Expertise : Network Security, Soft Computing, OO Programming,  
Subjects : Advanced Microprocessors, Operating Systems, DS,  
Pattern Recognition, Algorithms, Real Time Systems  
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### **Awards:**

- Infosys Campus Connect "Faculty Inspire Award-2017"
- Infosys Campus Connect "Faculty Inspire Award-2016"
- Infosys Campus Connect "Faculty Excellence Award-2014"
- Infosys Campus Connect "Faculty Inspire Award-2013"
- "Young Scientist Award" at 9<sup>th</sup> Kannada Science Conference, 15-17, September 2013

### **Visit to Abroad:**

- England, Scotland

### **Technical Society Membership :**

- Senior Member for Institute of Research Engineers and Doctors(**IRED**) since 2015.
- Life Member for Institute of Engineers (**IEI**) since 2005.
- Life Member for Indian Society for Technical Education (**ISTE**) since 1999.

### **Reviewer :**

- IEEE Transactions on Cybernetics
- IEEE Transactions on Information Forensics & Security
- IEEE Transactions on Systems, Man and Cybernetics: Systems

### **Co-Curricular Activities :**

- Department Coordinator for TEQIP-II and TEQIP-III
- Coordinator for Infosys Campus Connect Program
- BOS Member for Computer Applications Programmes at ASP Commerce College(A), Bijapur.
- Attended 10<sup>th</sup> Annual VTU Youth Festival at SBMJCE, Bangalore held from 15<sup>th</sup> to 21<sup>st</sup> Feb. 2009.
- Attended 9<sup>th</sup> VTU Youth Festival at SIT, Tumkur held from 2008.
- Worked as Institute Chief Coordinator for Students Affairs.
- Worked as BOE Chairman for Computer Applications Subjects at Karnataka State Women's University, Bijapur.
- Completed Rajbhasha Vidwan From Karnataka Hindi Prachar Samiti, Bengaluru in May 1998.

### **Seminar / Conferences Attended :**

- Attended 2 days International Symposium on " Green Technologies for Sustainable Development " at BEC, Bagalkot held from 24<sup>th</sup> to 25<sup>th</sup> Feb., 2017.
- Attended 3 days Faculty Development Program on " Energy Efficiency and Management " at BEC, Bagalkot held from 17<sup>th</sup> to 19<sup>th</sup> Feb., 2017.
- Attended 2 days Faculty Development Program on " Smart Grid and Cyber Security " at Central Power Research Institute, Bengaluru held from 5<sup>th</sup> to 6<sup>th</sup> January, 2017.
- Attended one day guest lecture on "ISRO Satellite Remote Sensing Based Societal Applications on the Web" at BEC, Bagalkot held on 9<sup>th</sup> Sept. 2016.
- Attended one day workshop on "Principals' Meet Y16K" at Infosys Ltd, Bangalore held on 30<sup>th</sup> March 2016.
- Attended one day National Level Technical Symposium "WITchar'16" at Walchand Institute of Tech, Solapur, Maharashtra on 19<sup>th</sup> March 2016 as a **Judge**.
- Attended 2 days SAI "Intelligent Systems International Conference (Intellisys 2015)" held in London held from 10<sup>th</sup> to 11<sup>th</sup> November, 2015.
- Attended 7 days "Management Capacity Enhancement Programme" at Indian Institute of Management, Indore held from 5<sup>th</sup> to 11<sup>th</sup> Oct. 2015.

- Attended 2 days First International conference on "Next Generation Computing Technologies" at UPES, Dehradun held from 4th to 5th Sept. 2015.
- Attended 5 days Faculty Enablement Program on "Big Data and Analytics" at Infosys Ltd, Bengaluru held from 10th to 14th August 2015.
- Attended 3 days Faculty Enablement Program on "Big Data Analytics using Hadoop" at at BEC, Bagalkot held from 9th to 11th July 2015.
- Attended 4 days Faculty Enablement Program on "Trends in Computing Research" at VTU, Belagavi held from 15th to 18th June 2015.
- Attended one day workshop on “Principals’ Meet Y15K” at Infosys Ltd, Bangalore held on 30th March 2015.
- Attended 5 days ISTE-PTU-Faculty Enablement Program on “Wavelets and Applications” at BLDEA’s VP Dr. PGH CET, Bijapur held from 9<sup>th</sup> to 13<sup>th</sup> June 2014.
- Attended one day National Level Technical Symposium “TechKrithi’14” at BLDEA’s VP Dr. PGH CET, Bijapur on 8<sup>th</sup> April. 2014 as a **Judge**.
- Attended one day workshop on “Principals’ Meet Y14K” at Infosys Ltd, Bangalore held on 7<sup>th</sup> March 2014.
- Attended 5 days Faculty Enablement Program on “Advanced Techniques in Satellite Image Processing” at IIT, Bombay held from 10<sup>th</sup> to 14<sup>th</sup> February 2014.
- Attended 2 days workshop on “Effective Leadership for Excellence” at BEC, Bagalkot held from 6<sup>th</sup> to 7<sup>th</sup> February 2014.
- Attended 5 days Faculty Enablement Program on “Mobile Application Development” conducted by Infosys Technologies Ltd, Mangalore at MIT, Manipal held from 2<sup>nd</sup> to 6<sup>th</sup> December 2013.
- Attended 3 days workshop on “Advanced Network Computing and Simulation” at BEC, Bagalkot held from 22<sup>nd</sup> to 24<sup>th</sup> Nov. 2013.
- Attended 2 days Faculty Development Program on “Mathematical Modeling and Applications to Computing Sciences”, at SKCET, Coimbatore held from 23<sup>rd</sup> to 24<sup>th</sup> August 2013.
- Attended 3 days National level workshop on “Distributed and Cloud Computing” at BEC, Bagalkot held from 15<sup>th</sup> to 17<sup>th</sup> April 2013.
- Attended one day National Level Technical Symposium “TechKrithi’13” at BLDEA’s VP Dr. PGH CET, Bijapur on 5<sup>th</sup> April. 2013 as a **Judge**.
- Attended one day National Level Technical Symposium “WITchar’12” at Walchand Institute of Tech, Solapur, Maharashtra on 24 Mar. 2012 as a **Judge**.

- Attended one day workshop on “E-waste (Management and Handling) Rules - 2011” at Karnataka State Pollution Control Board, Bangalore held on 17<sup>th</sup> Mar. 2012.
- Attended one day workshop on “Recovery of Metals and Disposals of Hazardous Components in E-waste” at KSCST, IISc, Bangalore held on 28<sup>th</sup> Dec. 2011.
- Attended 3 days national conference on “Computer Vision, Pattern Recognition, Image Processing and Graphics” held at BVBCET, Hubli from 15<sup>th</sup> to 17<sup>th</sup> December 2011.
- Attended one day workshop on “Modern Computing Trends” at BEC IEEE, Bagalkot held on 16<sup>th</sup> Oct. 2011.
- Attended 3 days Faculty Development Program on “Data Communication and Networking” at AIT, Chikmagalur held from 24<sup>th</sup> to 26<sup>th</sup> Feb. 2011.
- Attended one day State Level “Paper Presentation Contest” (HITFEST’10) at HIT, Nidasoshi on 10 Nov. 2010 as a **Judge**.
- Attended 2 days workshop on “Robotics” held at SDM Dharwad on 31st June-1st July 2010.
- Attended 2 days workshop on “Research Methodologies and Report Writing” at GIT, Belgaum by e-Learning Centre, VTU, Mysore held from 25<sup>th</sup> to 26<sup>th</sup> May 2009.
- Attended one day National Level “Paper Presentation Contest” (Globus-2K9) at REC, Hulkoti on 22 April 2009 as a **Judge**.
- Attended one day workshop on “Advanced Developer Technologies” at KLE, Belgaum by Microsoft, Hyderabad held on 24<sup>th</sup> March 2009.
- Attended 5 days STTP on “Estimation of System Parameters by Inverse Modeling” at BLDEA’s CET, Bijapur held from 16<sup>th</sup> to 20<sup>th</sup> March 2009.
- Attended 3 days workshop on “Research Issues in Information Technology” at BEC, Bagalkot held from 26<sup>th</sup> to 28<sup>th</sup> Feb. 2009.
- Attended 14 days MHRD-AICTE Staff Development Program on “Image Processing: Fundamentals and Advances” at NIT, Rourkela held from 15<sup>th</sup> to 28<sup>th</sup> Dec. 2008
- Attended 2 days “National Women Science Congress (NWSC-08)” at Karnataka State Women’s University, Bijapur held from 5<sup>th</sup> to 6<sup>th</sup> Dec. 2008.

- Attended 2 days workshop on “Network Simulators” at BVB CET, Hubli held from 27<sup>th</sup> to 28<sup>th</sup> Sept. 2008.
- Attended 3 days National workshop on “Basics of Wavelets and Applications” at BEC, Bagalkot held from 13<sup>th</sup> to 15<sup>th</sup> March 2008.
- Attended 2 days “Workshop on Research Methodologies” at PESIT, Bangalore held from 24<sup>th</sup> to 25<sup>th</sup> Jan 2008.
- Attended 2 days hands-on Workshop on “Open Source & IBM Technologies” at BVB CET, Hubli held from 24<sup>th</sup> & 25<sup>th</sup> Dec. 2006
- Attended 2 days State Level “Paper Presentation & Programming Skill Test and Debugging Contest” (TRISHNA’06) at BVB CET, Hubli held from 10<sup>th</sup> & 11<sup>th</sup> Nov. 2006 as a **Judge**.
- Attended one day “District Level Rural Information Technology Quiz - 2006” organized by DDPI Office, Bijapur held on 5<sup>th</sup> Oct. 2006 as a **Judge**.
- Attended 14 days “Faculty Enablement Program” at Infosys Technologies Ltd, Bhubaneswar held from 20<sup>th</sup> Feb. to 4<sup>th</sup> March 2005.
- Attended 3 days workshop on “Networking Technology (WONET)” at BVB CET, Hubli held from 29<sup>th</sup> to 31<sup>st</sup> Oct. 2004.
- Participated as an expert in “Scientist Students Interaction Program (SSIP)” held by KSCST, Bangalore on 27 Dec. 2003.
- Attended 5 days ISTE workshop on “Bioinformatics for college teachers” at PSG CET, Coimbatore held from 2<sup>nd</sup> to 6<sup>th</sup> June 2003.
- Attended 5 days Curriculum Development workshop on “Advanced Microprocessors” at IIT, Bangalore held from 23<sup>rd</sup> to 27<sup>th</sup> Sept. 2002.
- Attended 5 days workshop on “VHLD and VLSI Design Tools” at MVJCE, Bangalore held from 14<sup>th</sup> to 18<sup>th</sup> May 2001.
- Attended 2 days Xilinx University Program workshop based on “Foundation 1.5i/2, 1i/3.1i” at Silicon Micro Systems, Bangalore held from 9<sup>th</sup> to 10<sup>th</sup> June 2001.
- Attended 21 days Refresher Course on “VLSI Design” at JNTU, Hyderabad held from 3<sup>rd</sup> to 22<sup>nd</sup> Sept.2001.
- Attended 5 days workshop on “Motorola Digital Signal Processor DSP536XX family” at BMSCE, Bangalore held from 18<sup>th</sup> to 22<sup>nd</sup> Oct.2000.

**Resource Person/ Guest Lecture Delivered:**

- Delivered a talk on "**Artificial Neural Networks and Its Applications**" on 23<sup>rd</sup> July 2016 at the FDP on "Soft computing Approaches to pattern recognition" organized by Reva University, Bengaluru, during 21-23, July 2016.
- Delivered a talk on "**Mobile Computing and Its Applications**" on 24<sup>th</sup> Nov. 2013 at the workshop "Advanced Network Computing and Simulation" organized by BEC, Bagalkot, during 22-24, Nov. 2013.
- Delivered a talk on "**Security Issues in Distributed Sensor Networks**" on 22 Aug. 2013 at the FDP on "Research Issues in Distributed Sensor Networks" organized by BEC, Bagalkot, during 22-24, Aug. 2013.
- Delivered a talk on "**Biometrics Security and Its Applications**" on 1<sup>st</sup> June 2013 at the FDP on "Soft and Evolutionary Computing Techniques and Its Applications" organized by BEC, Bagalkot, during 30 May -1, June 2013.
- Delivered a talk on "**TCP/IP and Socket Programming**" on 17<sup>th</sup> Aug. 2012 at the workshop "Advanced Network Programming Using Sockets" organized by Global Academy of Technology, Bengaluru, during 17-18, August 2012.
- Delivered a talk on "**Computer Communication and Networks**" on 20<sup>th</sup> April 2011 at the workshop on "Data and Computer Communication" organized by BEC, Bagalkot, during 20-21, April 2011.
- Delivered a talk on "**Security Applications and Mobile Computing**" on 09<sup>th</sup> Nov. 2010 at the workshop "HIT Technical Festival-2010" organized by HIT, Nidasoshi.
- Delivered a talk on "**Feature Extraction and Representation**" on 24<sup>th</sup> March 2010 at the workshop "Soft computing Approaches to Image Processing and pattern recognition" organized by BEC, Bagalkot, during 20-24, March 2010.
- Delivered a **Guest Lecture** on "Issues in Mobile Computing & Network Security" at HIT, Nidasoshi on 13<sup>th</sup> Nov. 2007.

**International / National Conferences Attended/Paper Publication:**

<b>INo</b>	<b>Authors</b>	<b>Paper Title</b>	<b>Journal/Proceedings</b>
1	Sanjeevakumar M Hatture, Rashmi P. Karchi, Anil Kannur	Discrete Event Simulation for Classification of Grain using Segmentation	Proceedings of International Conference on Modeling and Simulation CITICOMS07 at CIT, Coimbatore held from 27th to 29th August 2007.
2	Sanjeevakumar M Hatture, Shaguftha Malladkar	Performance Improvement in Mobile Adhoc Network Through Energy Saving Routing	Proceedings of National Conference on Mobile Computing & Network Security, V.R.Siddhartha Engineering College, Vijayawada held from 12th to 13th Oct. 2007.

3	Sanjeevakumar M Hatture, Rashmi P. Karchi,	Applications of Statistics in the field of Image Processing	Proceedings of National seminar on Recent Developments in Statistics, SB Arts and KCP Science College, Bijapur held from 16th to 17th Apr. 2009
4	Shanumukhappa A Angadi, Sanjeevakumar M Hatture	A Novel Spectral Graph Theoretic Approach to User Identification using Hand Geometry	International Journal of Machine Intelligence, Volume 3, Issue 4, pp-282-288, 2011
5	Ravi Hosur , Sanjeevakumar M Hatture, Rashmi P. Karchi	A Model to Prevent a Spoof Attack using Text Dependent Speaker Identification	Proceedings of National Conference on Advances in Computer Science & Information Security at MIT, Manipal,pp. 72-77,2012
6	Shanumukhappa A Angadi, Sanjeevakumar M Hatture, Rashmi P. Karchi	An Approach to Forensic Face Recognition	International Journal of Machine Intelligence, Volume 4, Issue 1, pp.-403, 2012
7	Ravi Hosur , Sanjeevakumar M Hatture, Rashmi P. Karchi	Antispoofing Model for Secure Information Retrieval in a Network Society	International Conference on Information and Network Technology, IACSIT Press, Singapore, IPCSIT vol. 37, pp. 43-48, 2012
8	Savitri B. Patil , Sanjeevkumar M. Hatture	Decision Level Fusion of Face and Palmprint Images for User Identification	XI Biennial Conference of the International Biometric Society (Indian Region) on Computational Statistics and Bio-Sciences, Bonfring Publication, pp. 83-87,2012
9	Jayashree I. Kallibaddi, Sanjeevkumar M. Hatture, Sadanand R. Inamdar	Hand Image Analysis for Personal Authentication	XI Biennial Conference of the International Biometric Society (Indian Region) on Computational Statistics and Bio-Sciences, Bonfring Publication,pp 44-48, 2012
10	Vani A.Hiremani, Sanjeevakumar M.Hatture	Personal Identification with Face Biometrics using Color Local Texture Features	International Journal of Advanced Computer Research, Volume-3 Number-2 Issue- 10,pp. 138-145, 2013
11	Manjunath S Gabasavalagi, Sanjeevakumar M. Hatture, Nalinakshi B. G, Rashmi P. Karchi	Hybrid Level Integration of Biometric Traits for Security Applications	International Journal of Advanced Computer Research, Volume-3 Number-3 Issue-12 , pp. 23-31,2013
12	Sanjeevakumar M. Hatture, Nalinakshi B. G, Rashmi P. Karchi	Prevention of Spoof Attack in Biometric System Using Liveness Detection”	International Journal of Latest Trends in Engineering and Technology, Special Issue - IDEAS-2013,pp.42-49,2013
13	Sanjeevakumar M. Hatture, Smita Gour, Krunal B.Pawar, Rashmi P. Karchi	A Genetic Algorithm Based Technique for Face Detection	International Journal of Latest Trends in Engineering and Technology, Special Issue - IDEAS-2013,pp.50-54,2013

14	Nalinakshi B. G, Sanjeevakumar M. Hatture, Manjunath S.Gabasavalgi, Rashmi P. Karchi	Liveness Detection Technique for Prevention of Spoof Attack in Face Recognition System	International Journal of Emerging Technology and Advanced Engineering, Volume 3, Issue 12, pp. 627-633, 2013
15	Shanmukhappa A. Angadi, Sanjeevakumar M. Hatture, Vani A. Hiremani	Real Time Face Recognition for User Authentication using Color Local Texture Features	Proceedings of International Conference on Emerging Research in Computing, Information, Communication and Applications, Elsevier Publications, pp.715-721,2013
16	Sanjeevakumar M.Hatture, Swathi S. Wali, Rashmi P. Karchi	Personal authentication through Voice: A brief Summarization	Proceeding of International conference on Science and Technology, pp-84- 96, 2014
17	Anita Kori, Swathi S. Wali, Sanjeevakumar M. Hatture, Dr. Suvarna Nandyal	Antispoofing Methods for Authenticating Live Users in Biometric System	International Journal of Science and Research, Volume 3 Issue 6, pp. 2694-2699, 2014
18	Panchami G. Rudrakshi , Sanjeevakumar M.Hatture	A Model for Secure Information Storage and Retrieval on Cloud using Multimodal Biometric Cryptosystem	IEEE Proceedings of International Conference on Computer and Communication Technology (ICCCT-2014), pp. 169 – 174,2014
19	Swathi S. Wali, SanjeevaKumar M. Hatture, Suvarna Nandyal	MFCC Based Text- Dependent Speaker Identification Using BPNN	International Journal of Signal Processing Systems, Vol. 3, No. 1, pp. 30-34, 2015
20	Shanumukhappa A Angadi, Sanjeevakumar M Hatture	A Graph Theoretic Approach For Person Identification Using Palmprint Biometrics	IEEE Technically Co-sponsored First International Conference on Next Generation Computing Technologies (NGCT-2015), pp. 419 – 425,2015
21	Shanumukhappa A Angadi, Sanjeevakumar M Hatture	User Identification Using Wavelet Features of Hand Geometry Graph	IEEE Technically Co-sponsored SAI Intelligent Systems International Conference 2015 (IntelliSys 2015), pp. 828 – 835, 2015
22	Sumangala Biradar, Sanjeevakumar M Hatture	Personal Identification Using Palmprint Biometrics Based on Line Approach	International Journal of Emerging Technology in Computer Science & Electronics, Volume 14, Issue 2, pp. 750-754, 2015
23	Shanumukhappa A Angadi, Sanjeevakumar M Hatture	Biometric Person Identification System: A Multimodal Approach Employing Spectral Graph Characteristics of	International Journal of Intelligent Systems and Applications, Vol. 3, pp. 48-58, 2016



		Hand Geometry and Palmprint	
24	Sanjeevakumar M Hatture, Soumya I. Patil	Recent Advances In Face Recognition	Proceedings of National Conference on Emerging Trends and Advances in Information Technology, ISRASE eXplore Digital Library,2016
25	Sanjeevakumar M Hatture, Anusha N. Godi	Speaker Recognition System For User Authentication	Proceedings of National Conference on Emerging Trends and Advances in Information Technology, ISRASE eXplore Digital Library,2016
26	Janappa R. Hugar, Sanjeevakumar M Hatture	Design and Development of Wireless Sensor Nodes Deployment Scheme for Distributed WSNs	International Journal of Research in Engineering and Technology, Volume: 05 Special Issue: 21, pp. 26-31, 2016
27	Sanjeevakumar M. Hatture, Reshmabanu M. Nadaf	Voice Features and Classifiers: A Brief Review on Speaker Authentication Techniques	Proceedings of Third National Conference on Multimedia Technology and Communication System - (NCMTCS-2017) Malnad College of Engineering, Hassan
28	Madhura Shettar, Sanjeevakumar M. Hatture	Pose Invariant Face Recognition System – A Review	Proceedings of National Conference on Advanced Computing and Communication Systems (NCA2CS – 2017),New Horizon College, Bangalore
29	Poornima Byahatti, Sanjeevakumar M. Hatture	Performance Evaluation of Fusion Techniques in Biometrics System - A Review	Proceedings of National Conference on Advanced Computing and Communication Systems (NCA2CS – 2017),New Horizon College, Bangalore
30	Sanjeevakumar M. Hatture, Reshmabanu M. Nadaf	Multiple Feature based Speaker Authentication System	International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181, Volume 5, Issue 06, pp. 60-64, 2017
31	Poornima Byahatti, Sanjeevakumar M. Hatture	A Fusion Model for Multimodal Biometric System	International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181, Volume 5, Issue 06, pp. 65-69, 2017
32	Madhura Shettar, Sanjeevakumar M. Hatture	A Model for Unconstrained Face Recognition System	International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181, Volume 5, Issue 06, pp. 70-73, 2017