

Faculty Name: Ms. S. BHUVANA

Educational Qualification

Degree	Branch	Institution	Year
B.E.,	B.E.(CSE)	Sri Ramakrishna Engineering College/ Bharathiyar University	1999
M.E.,	M.E(CSE)	Kumaraguru College of Tech/Anna university	2007
PhD	Ph.D.,	Anna University,Coimbatore	Pursuing

Experience:

Period	No. of. Years	Designation/Nature of job	Institution/Organization
2000	8 month	Lecturer	Park College of Engineering And Technology
2000-2016	16	Assistant Professor	Sri Krishna college of technology

PUBLICATIONS

JOURNALS:

1. S Bhuvana- (2012) –“ A new active learning technique using furthest nearest neighbor criterion for K-NN and SVM classifiers” International Journal of Computer sciences and Applications,DOI:10.5121/ijcsa.2012.2106
2. S Bhuvana- (2013) – “A novel content based image retrieval model based on the most relevant features using particle swarm optimization" Journal of Global Research in Computer Science Volume 4, No. 4, April 2013 impact factor-0.6
3. S Bhuvana- (2013 – “Quad tree Segmentation Based Bayesian Classifier for Content Based Image Retrieval” International Journal of Science, Engineering and Technology Research (IJSETR) Volume 2, Issue 10, October 2013 impact factor-2.453
4. S Bhuvana- (2013 –“An improved local tetra pattern for content based image retrieval” Volume 4, no. 4, April 2013 journal of global research in computer science-impact factor-0.6.
5. S Bhuvana(2014), “Visual Interest point detection based rank order log filter for CBIR”, International Journal of Science, Engineering and Technology Research, Vol 3,ISSUE 4, April 2014
6. S Bhuvana(2014), “An Optimized CBIR using Particle Swarm Optimization Algorithm”, International Journal of Computer Science and Business Informatics ,Vol 11,No

7. S Bhuvana (2014), " An Efficient Hybrid Feature Descriptor For Content Based Image Retrieval", Journal of Theoretical and Applied Information Technology Vol. 66, No 1, August 2014.
8. S Bhuvana (2015), "A New Enhanced Relevance Feedback In CBIR Using Hierarchical Unsupervised Niche Clustering Approach" Australian Journal of Basic and Applied Sciences ISSN: 2395-3470. volume 9 issue 2. 2015.
9. S Bhuvana 'An Efficient Perceptual Of CBIR System Using MIL- SVM Classification And SURF Feature Extraction' International Arab Journal of Information Technology (IAJIT). (Impact Factor 0.39). **(Annexure-I)**, vol. 14, no. 5.
10. S Bhuvana (2016) "An Efficient Image Watermarking Method using Lifting Wavelet Transformation (LWT)" International Journal of Scientific Research in Science, Engineering and Technology ISSN : 2395-1990 Volume 2 Issue 2 April - 2016

CONFERENCES

International Conferences

1. S Bhuvana- (2008)-" Cooperative intrusion detection by using real time data mining approach"- International Conference on Computer Science and Technology (ICSTC'08) /National University, San diego, Callifornia, USA/Apr 1-3 2008
2. S Bhuvana- (2007)-"A Performance Evaluation of Combining Color, Texture, Shape Features for Image Retrieval"- CITICOMS '07, International Conference/CIT, Coimbatore/Aug 2007.
3. "Hypoglycemic Detection using Fuzzy Inference System and Particle Swarm Optimization", "International Conference on Computational Intelligence and Information Technology" in Info Institute of Engineering, 3.3.2012.
4. S Bhuvana (2014)- " An efficient content based image retrieval based on adaptive neuro fuzzy inference system" in the national conference on Cyber Security on Digital Forensics NCCF-2K14 HELD DURING 09&10 OCTOBER 2014 at Adithya Institute of technology, coimbatore

National Conferences

1. S. Bhuvana (2014), "Invariant Image Retrieval System by SURF and Bayesian Classifier", National Conference on Information Assurance and Management, Pondicherry Engineering College, March 2014.
2. "Local Tetra Pattern : An alternative Feature Descriptor for Content based image retrieval" national level conference organized by IEEE Student Chapter 61631 at Dr.Mahalingam College of Engineering and Technology on Feb 19th 2013.

3. "An optimized image retrieval model based on the most relevant features" National conference on trends in Automotive Parts system and Applications will be held at Sri Krishna College of Engineering and Technology on March 15th and 16th 2013.
4. "Detection of Hypoglycemic Episodes using Fuzzy Inference System and Particle swarm Optimization" National conference on computing, communication and information systems" Sri Krishna College of Engineering and Technology (Feb 10-11,2012)
5. "Active Learning in k-Nearest Neighbour and Support Vector Machine Classifiers", CSIR sponsored "National Conference on Computing, Communication and Information Systems" in Sri Krishna College of Engineering and Technology, 11.2.2012.
6. "Furthest Nearest Neighbour Criterion Based Active Learning in k-NN and SVM Classifiers", "National Conference on Innovations in Information Technology" in Bannari Amman Institute of Technology, 24.2.2012
7. "Boosting SVM and SRM SVM Cascade Classifiers in Face Verification", CSIR sponsored "National Conference on Computing, Communication and Information Systems" in Sri Krishna College of Engineering and Technology, 11.2.2012.
8. "Boosting Techniques for Face Verification", "National Conference on Innovations in Information Technology" in Bannari Amman Institute of Technology, 24.2.2012
9. S Bhuvana- (2011)-" Supervised Decision Tree based k-Anonymity for privacy preservation"- National Conference on Recent Advances in Computer Vision & Information Technology(NCVIT 2011)(Pg 223-225) GCT,CBE,Mar 7,2011.
- 10.S Bhuvana- (2011)-" Discovering association rules using weighted quantum behaved Particle swarm optimization"- National conference on emerging computing and communication technologies (NECCT 2011), Kongu engineering college, Perundurai. March 10-11,2011
- 11.S Bhuvana- (2011)-" Mining Association Rules Using An Improved Quantum Behaved Particle Swarm Optimization", National conference on electrical and instrumentation systems (NCEIS 2011), GCT, cbe. March 17 2011(.pg no-237-241).
- 12.S Bhuvana- (2009)-" Improved searching by separating trustworthy content from conflicting nformation on web"- 3rd national conference on networks intelligence and computing systems/ SNS college of technology/16th feb 2009.

- 13.S** Bhuvana- (2009)-“ Using genetic algorithm for data structures”, First national conference on advanced computing systems/Hindustan college of engineering and technology/March 20th -29th,2009
- 14.S** Bhuvana- (2008)-“ Flooding based resource discovery in distributed systems”- National Conference RTICT 2008/ Banaari Amman College of Engineering and Technology/May 17-18 2008
- 15.S** Bhuvana- (2008)-“ Cooperative intrusion detection for detecting novel attacks”- National conference on WEB and Computer Applications (NCWEBCAP '08)/RVS College of Engineering and Technology, Dindugul/Mar 7,2008
- 16.S** Bhuvana- (2008)-“ Decentralized resource discovery mechanism in distributed system”- First National Conference on Current Trends Towards Converging Technologies CTCT '08/Coimbatore Institute Of Engineering & Information TechnologyMar 7-8,2008
- 17.S** Bhuvana- (2007)-“ FCF-A way to provide Distributed Internet Security”- National Conference on Discrete Mathematics and its Application/Thiagarajar College of Engineering, Madurai/ Sep 27-29 2007
- 18.S** Bhuvana- (2007)-“ Collaborative intrusion detection for detecting novel attacks over Internet Anomalous Episodes”- National Conference (NCEEE'08) /Anna University, Chennai/ Sep 27- 29 2007