

Department of Computer Science

PUBLICATIONS JOURNALS AND CONFERENCES

Sl.No.	Name of the Person	Title of Paper	Publication Citation	National or International
1	Dr. S. A. Angadi & Smita Gour	Euclidean Distance Based Offline Signature Recognition System Using Global and Local Wavelet Features	Proceedings of Fifth International Conference on signal and Image processing ICSIP 2014, Bangalore Page(s): 87 - 91 INSPEC Accession Number:14198989 Publisher: IEEE	International
2	Dr. S. A. Angadi & Smita Gour	Signature Recognition System Using Radon Transform	Proceedings of Fifth International Conference on signal and Image processing ICSIP 2014, Bangalore Page(s):56 - 61 INSPEC Accession Number:14199002 Publisher: IEEE	International
3	Dr. S. A. Angadi & M M Kodabagi	A Robust Segmentation Technique for Line, Word and Character Extraction from Kannada Text in Low Resolution Display Board Images.	Proceedings of Fifth International Conference on signal and Image processing ICSIP 2014, Bangalore Publisher: IEEE	International
4	Dr. S. A. Angadi & Vilas Naik	Entropy Based Fuzzy C Means Clustering Key Frame Extraction From Sports Video Summerisation	Proceedings of Fifth International Conference on signal and Image processing ICSIP 2014, Bangalore Publisher: IEEE	International
5	Praveen.S.Challagidada	Secured Mechanism for Dynamic Key Generation in ATM System	Proceeding of International Conference on Advances in Computing, Control and Communication, ICAC3, 18-19, Jan. 2013, Mumbai	International
6	Dr. S. A. Angadi & Vilas Naik	An Activity Detection from Surveillance Video using Conventional Shot Boundary	International Journal of Machine Intelligence, ISSN: 0975-2927 &E-ISSN: 0975-9166, Volume 4, Issue 1, pp.-405, 2012.	International

		Detection Method		
7	Dr. S. A. Angadi & Smita Gour	LVQ-Neural Network Based Signature Recognition System Using Wavelet Features	Proceeding of Fourth International Conference on signal and Image processing ICSIP 2012 Coimbatore.	Internationa 1
8	Dr. S. A. Angadi & Vilas Naik	Shot boundary detection and Key frame Extraction for sports video summarization based on Spectral Entropy and Mutual Information	proceedings of Fourth International Conference on signal and Image processing ICSIP 2012 Coimbatore	Internationa 1
9	Dr. S. A. Angadi & Vilas Naik	A Shot Boundary Detection Technique for Sports Video Summarization Based On Local Color Moments In YCbCr Color Space	Accepted for publishing in International Journal of Multimedia applications of AIRCC. Vol.4, ISSN :0975-5578, 2012	Internationa 1
10	Dr. S A Angadi & M M Kodabagi	Recognition of Kannada Words from Limited Vocabulary through Structural Pattern Matching: An Experimentation on Low Resolution Images	Accepted International Conference on Multimedia, Communication and Computing Applications (ICMCCA 2012), Springer, 13th-15th Dec 2012 .	Internationa 1
11	Vilas Naik & Vinod Nayakawadi	A Novel Key Frame Extraction Algorithm Based on Entropy Difference Measure and Adaptive Thresholding for Video Summarization	Proceedings of International conference on Emerging Trends in Information Technology (ICETIT 2012) at Visvesvaraya Technological University, Belgaum 5-6 October 2012 .	Internationa 1
12	Vilas Naik & Pradeep K	.Significant Event Detection in Sports Video Using Audio Cues	Proceedings of International conference on Emerging Trends in Information Technology (ICETIT 2012) at Visvesvaraya Technological University,	Internationa 1

			Belgaum 5-6 October 2012.	
13	Vilas Naik & Ganesh Rathod	An Algorithm for Retrieval of Significant Events near to Goal Post from Soccer Video Using Fuzzy Systems	Proceedings of International conference on Emerging Trends in Information Technology (ICETIT 2012) at Visvesvaraya Technological University, Belgaum 5-6 October 2012.	International 1
14	Dr. S. A. Angadi, M M Kodabagi, M. Jerabandi	Character Recognition of Kannada Text in Low Resolution Natural Scene Images	Proceedings of IEEE International Conference on World Congress on Information and Communication Technology (WICT 2012), 30th Oct-1st Nov 2012 Trivendrum, India.	International 1
15	S.M.Hatture, Rashmi. P. Karchi & Ravi Hosur	Cryptographic approach to prevent a spoof attack for secure information retrieval in a biometric system	Proceedings of IEEE International Conference on World Congress on Information and Communication Technology (WICT 2012), 30th Oct-1st Nov 2012 Trivendrum, India.	International 1
16	Dr. S. A. Angadi, M. M. Kodabagi	Word Level Script Identification of Text in Low Resolution Images of Display Boards using wavelet features	Proceedings of International Conference on Advances in Computing (ICADC 2012),AISC 174, pp.209-220, Springer India 2012.	International 1
17	Dr. S A Angadi & Vilas Naik	Eigen Value Difference Based Technique for Shot Boundary Detection in Sports Videos	Proceedings of International conference on Computational Intelligence and Information Technology (ICCIIT 2012),Coimbatore ISBN:81-903041-9-4	International 1
18	Dr. S A Angadi & M M Kodabagi et al.,	Text Extraction from Crime Scene Images using Wavelet Features	National workshop on Research Avenues in Computational Forensics published in International Journal of Machine Intelligence, 10 th March 2012	International 1
19	P. Madhavanavar B.	A Novel approach for kannada text	PRIME journal, March 2012	International 1

		extraction		
20	Dr. S.A.Angadi S.M.Hatture, Rashmi. P. Karchi	An Approach to Forensic Face Recognition	National workshop on Research Avenues in Computational Forensics published in International Journal of Machine Intelligence, 10 th March 2012	Internationa l
21	S.M.Hatture, Rashmi. P. Karchi, Ravi Hosur	Antispoofing Model for Secure Information Retrieval in a Network Society	Proceedings of International Conference on Information and Network Technology, ICINT 2012	Internationa l
22	S.V. Saboji, C.B.Akki	“Network Allocation to Vertical Handoff Call Using Non- cooperative Game Theory”	International Conference on Advances in Cloud Computing (ACC-2012), July 26-28, 2012 Bangalore, India organized by Computer Society of India.	Internationa l
23	S.V. Saboji, C.B.Akki	“Congestion Control in 4G Wireless Networks Using Coalition Game”	I. J. Computer Network and Information Security, 2012 , 5, pp 39-45.	Internationa l
24	S A Angadi & Vilas Naik	Eigen Value Differen Based Technique Shot Bounda Detection in Spo Videos	Proceedings of International conference on Computational Intelligence and Information Technology (ICCIIT 2012),Coimbatore ISBN:81-903041-9-4	Internationa l
25	S A Angadi & Vilas Naik	Eigen Value Differen Based Technique Shot Bounda Detection in Spo Videos	Accepted for Publication in special Issue of IJOSHRM, May 2012	Internationa l
26	S A Angadi & M M Kodabagi et al.,	Text Extraction from Crime Scene Images using Wavelet Features	National workshop on Research Avenues in Computational Forensics published in International Journal of Machine Intelligence, 10 th March 2012	Internationa l
27	Prof. P. B. Madhavanavar	A Novel approach for kannada text extraction	PRIME journal, March 2012	Internationa l
28	Dr. S.A.Angadi	An Approach to	National workshop on	Internationa

	S.M.Hatture, Rashmi. P. Karchi	Forensic Face Recognition	Research Avenues in Computational Forensics published in International Journal of Machine Intelligence, 10 th March 2012	1
29	S.M.Hatture, Rashmi. P. Karchi, Ravi Hosur	Antispoofing Model for Secure Information Retrieval in a Network Society	Proceedings of International Conference on Information and Network Technology, ICINT 2012	Internationa l
30	Dr. S.A.Angadi, S.M.Hatture	A Novel Spectral Graph Theoretic Approach to User Identification using Hand Geometry	International Journal of Machine Intelligence, 2011 , Volume 3, Issue 4, pp-282- 288.	Internationa l
31	S.M.Hatture, Rashmi. P. Karchi, Ravi Hosur	A Model to Prevent a Spoof Attack using Text-Dependent Speaker Identification	Proceedings of National Conference on Advances in Computer Science & Information Secyryty, MIT, Manipal, ACSIS'12, pp. 73- 77, 2011	National
32	S.V. Saboji, C.B.Akki	"Agent Based Bandwidth Estimation In Heterogeneous Wireless Networks"	Int. Conf. on Advances in Recent Technologies in Communication and Computing (ARTCOM - 2011) ACEEE Bangalore	Internationa l
33	S.V. Saboji, C.B.Akki,	"Available Bandwidth Estimation in 4G Wireless Networks Using Mobile Agents"	International Journal of Research and Reviews in Information Sciences (IJRRIS), Vol. 1, No. 2, June 2011 , pp 5156.	Internationa l
34	S.V.Saboji, C.B.Akki	"Congestion-aware Proactive Vertical Handoff Decision Using Coalition Game"	Accepted for publication in International Journal of Soft Computing and Engineering (IJSCE), Volume-1,Issue- 6,January 2011 .	Internationa l
35	Smita k, Anand H. U and J. D. Mallapur	Fuzzy based congestion control in wireless network	International journal of computer science and communication Volume 2 Number 2 July- December - 2011 pp. 469- 473	Internationa l
36	B S Anami & V.B.Pagi	Wavelet based acoustic analysis for	Journal of Applied Acoustics. 72(7), (2011), pp.	Internationa l

		determining health condition of motorized two-wheelers	464-469.	
37	B S Anami & D.G.Savakar	Suitability of Feature Extraction Methods in Recognition and Classification of Grains	International Journal of Food Engineering, Volume 7: Issue. 1, Article 9. Pages: 1-28,Publisher: Berkeley Electronic Press, Berkeley, U.S.A. 2011	International
34	B S Anami & Vishwanath Burkapalli	Recognition and classification of identically looking food grains	Proceedings of International conference on Communication Computation Control and Nanotechnology, REC Bhalki, 2011	International
38	B S Anami & Rashmi Rachh	High Speed S-box architecture for Advanced Encryption Standard	Accepted in IEEE International Conference on Internet Multimedia System Architectures and Applications to be held 12-14 December 2011 , Bangalore.	International
39	B S Anami & Prakash Unki	A methodology for recognition of coronal, sagittal and axial brain MRI images	Proceedings of the Third National Conference on Recent Trends in Communication, Computation and Signal Processing (RTCSP-2011) Coimbatore, Tamilnadu, India, 2011, pp. 336-339.	National
40	B S Anami & D.G.Savakar	Influence Of Light, Distance And Size On Recognition And Classification Of Food Grains	International Journal of Food Engineering, Volume 6, Issue 2, Article 10, Pages: 1-22,Publisher: Berkeley Electronic Press, Berkeley, U.S.A, 2010	International
41	S.V. Saboji, C.B.Akki	“Vertical Handoff with Resource Allocation Using Non-cooperative Game Theory”,	International Journal Of Telecommunications Management, Vol3. No 3, Oct 2010 , pp 290-299	International
42	S.V. Saboji,	“A Client based	International Journal Of	International

	C.B.Akki	Vertical Handoff System in 4G Wireless Networks”,	Advances In Information Technology, Vol. 1,No 4, Nov 2010 ,pp 197-203.	1
43	S A Angadi & M.M.Kodabagi	Texture based methodologies for text extraction from images: A Survey	Proceedings of First International Joint Conference on Information and Communication Technology, pp.187-193, Jan 9-10, 2010 .	International 1
44	B S Anami & Vishwanath Burkapalli	A comparative study of RGB and HSV color models for identification and classification of images of semi solid food objects	Proceedings of International conference on Computational Vision and Robotic, Bhubaneswar, cat 7, pp 259-254 , 2010	International 1
45	B S Anami & Vishwanath Burkapalli	Recognition and classification of Advertisement's food items communicated	International Journal of Computational Vision and Robotic, 2010	International 1
46	B S Anami & Vishwanath Burkapalli	Effect of illumination and object distance on identification and classification of food objects	Journal of Applied computer Science and Mathematics, Issue 9, pp 14-20, publisher Suceava, Romania, 2010	International 1
47	B S Anami & Vishwanath Burkapalli	A three-sigma based method for recognition and classification of images of fruits juices	International Journal of Computational Vision and Robotic, Volume 1, Issue 2. Publisher: Inderscience , 2010	International 1
48	B S Anami & V.B.Pagi	An Acoustic Signature Based Neural Network Model for Type Recognition of Two-Wheelers	Proceedings of International Conference on Multimedia Systems, Signal Processing and Communication Technologies, Aligarh Muslim University, Aligarh, March 14-16, 2009 , pp. 28-31	International 1

49	B S Anami & Vishwanath Burkapalli	Color based recognition and estimation of temperature levels of images of boiled food grains	Proceedings of International Conference on Systemics, Cybernetics, Informatics (ICSCI), held at Hyderabad, India, pp 367-370, 2009	International
50	S.V. Saboji, C.B.Akki	“Vertical Handoff in Heterogeneous Wireless Mobile Networks”,	First International Conference on Networks and Communication held on 27 th -29 th Dec 2009 , at Le Royal Meridien, Chennai, India.	International
48	S.V. Saboji, C.B.Akki	“A review of vertical handoff in 4G wireless Networks”	National Conference on Computer Networks held on 20 th -21 st Feb 2009 , at Reva ITM , Bangalore	International
49	B S Anami & Vishwanath Burkapalli	Texture based identification and classification of bulk sugary food objects	Proceedings of International Conference on Systemics, Cybernetics, Informatics (ICSCI), held at Hyderabad, India pp 371-375, 2009	International
50	B S Anami & Vishwanath Burkapalli	Color based identification and classification of bulk food objects	Proceedings of International Conference on Systemics, Cybernetics, Informatics (ICSCI), held at Hyderabad, India, pp 367-370, 2009	International
51	B S Anami & Vishwanath Burkapalli	Color based identification and classification of boiled food grain images	International Journal of Food Engineering, Volume 5, Article 7. Publisher: Berkeley Electronic Press, Berkeley, U.S.A, 2009	International
52	B S Anami & Rashmi	Efficient Implementations of AES S-box and Inverse S- box	Proc. IEEE TENCON, Singapore,pp 1-6, 2009	International
53	S A Angadi & M.M.Kodabagi	A Texture Based Methodology for Text Region Extraction from Low Resolution Natural Scene Images	International Journal of Image Processing, Vol.3 No.5, pp.229-245, October 2009 .	International
54	B S Anami &	Effect of Foreign	Journal of Applied Computer	National

	D.G.Savakar	Bodies on Identification and Classification of Bulk Food Grains Image Samples	Science and Mathematics, Volume 3(6), Pages: 77-83, 2009	
55	B S Anami & D.G.Savakar	Recognition and Classification of Food Grains, Fruits and Flowers Using Machine Vision	International Journal of Food Engineering, Volume 5, Issue 4, Article 14, Pages: 1-25, Publisher: Berkeley Electronic Press, Berkeley, U.S.A. , 2009	International
56	B S Anami & D.G.Savakar	Identification of Multiple Grain Image Samples from Tray	International Journal of Food Science and Technology. Volume 44, Issue 12, Pages: 2452-2458, Publishers: Wiley-Blackwell, United Kingdom., 2009	International
57	B S Anami & D.G.Savakar	Improved Method for Identification and Classification of Foreign Bodies Mixed Food Grains Image Samples	International Journal of Artificial Intelligence and Machine Learning , Volume 9, Issue 1, Pages: 1-8.Publisher: The International Congress for global Science and Technology. Egypt. 2009	International
58	B S Anami & D.G.Savakar	A Neural Network Model for Identification and Classification of Bulk Mangos	Proceedings of the International Conference on Sensors, Security, Software and Intelligent Systems, held at Coimbatore Institute of Technology, Coimbatore, India, during 8-10 January, 2009 , Pages: 125- 135.	International
59	S A Angadi & B S Anami	A soft computing model for mapping incomplete/approximate postal addresses to mail delivery points	Journal of Applied soft computing, Elsevier Publications, DOI:10.1016/j.asoc.2008.06.005, pp.1-11, 2008 .	International
60	B S Anami & D.G.Savakar	Classification of Grapes Using Artificial Neural Network	Proceedings of the Second International Conference on Cognition and Recognition(ICCR08), held at Mysore, India, during 10-	International

			12 April, 2008,Pages: 428-435, 2008	
61	S.V. Saboji, C.B.Akki	“A Survey on 4G A survey of fourth generation (4G) wireless network models”	Henry Stewart Publications, Journal of Telecommunications Management Vol 2, No 1, Oct 2008 .	International
62	B S Anami & D.G.Savakar	Identification and Classification of Bulk Jasmine Flowers	Proceedings of the Second International Conference on Cognition and Recognition (ICCR08), held at Mysore, India, during 10-12 April, 2008, Pages: 436-442, 2008	International
63	B S Anami & D.G.Savakar	A Neural Network Model for Classification and Grading of Pomegranates Image Samples	Proceedings of the Fourth National Conference on Innovations in Information & Communication Technology, held at PSG College of Technology, Coimbatore, India, during December 12-13, 2008 , Pages: 90-96.	National
64	S A Angadi & B S Anami	Finding the Optimal Path for Distribution of Postal Mail on a Daily Basis : A Novel Soft Computing Approach	Published in the proceedings of Indian Conference on Technologies for Postal Automation (ICTPA 07) held on 5 th and 6 th of October 2007 at Basaveshwar Engineering College, Bagalkot	National
65	S.V.Saboji, Dr. S. S. Manvi, M. N. Birje	“Prediction Based Handover For Multiclass Traffic In Wireless Mobile Network: An Agent based Approach”	Sixth International Conference on Information, Communications and Signal Processing (ICICS 2007) held at 10-13 December, 2007 in Singapore.	International
66	S. V. Saboji, Dr. S.S.Manvi, M.S.Kakksageri	“QoS based Prediction Handover For Multiclass Traffic In Wireless Mobile Network”	Proceedings of International Conference on Wireless communication Networks organized by World Congress on Science and	International

			Technology(WORLDCOMP '07) June 17, 2007 at Los Vegas USA.	
67	S A Angadi & B S Anami	Recognition of PINCODE Printed in Kannada/ English: Script Identification through Texture Analysis and Recognition based on 7-Segment Projection	Published in Journal of Intelligent System Research, 1(1) January-June 2007 , pp 69-82	International
68	S A Angadi & B S Anami	Simple Tilt Correction and Ascender/ Descender Extraction Algorithms Useful for Cursive Word Recognition	Indian Conference on Intelligent Systems (ICIS 07) 19-20 Jan 2007 , Chennai	National
69	S A Angadi & B S Anami	Geometric Model and Projection based Algorithms for Tilt Correction and Extraction of Ascenders/ Descenders for Cursive Word Recognition	Published in the proceedings of International Conference on Signal Processing, Communications and Networking (ICSCN '07), 23-24 Feb 2007 , Chennai	International
70	S A Angadi & B S Anami	Simple Tilt Correction and Ascender/ Descender Extraction Algorithms Useful for Cursive Word Recognition	Published in the proceedings of Indian Conference on Intelligent Systems (ICIS 07) 19-20 Jan 2007 , Chennai	National
71	B S Anami & M M Kodabagi	Reverse Engineering of Class and Object Diagrams from C++ Applications	IICT-2007 (International Conference on Information and Communication Technology), DIT, Dehradun, 2007	International
72	B S Anami & D.G.Savakar	General Soil Classifier Using Artificial Neural	Proceedings of the Indian Conference on Postal Automation, held at	National

		Network	Basveswar Engineering College, Bagalkot, India, during 3-5 October, 2007 , Pages: 77-83.	
73	S. V. Saboji , Dr. S.S.Manvi	“Prediction Handover For Multiclass Traffic In Wireless Mobile Network”	International conf. Resource Utilization and Intelligent Systems 4th –6th Jan 2006 , Perundurai Erode Tamilnadu INDIA	International 1