



DEPARTMENT OF INFORMATION TECHNOLOGY

NITK SURATHKAL

Conference Publications in 2014

IN REFEREED INTERNATIONAL CONFERENCES

Sl.no	Author, Paper and Conference Details
1.	"Energy-aware Task Scheduling in Cloud", Linda J & Ananthanarayana V.S., 2nd International Conference on Emerging Research in Computing, Information, Communication and Applications (ERCICA) 2014, 1st - 2nd August, NMAMIT, Bangalore
2.	"Virtual Machine Migration over Heterogeneous Native Hypervisors", Pratik Falke & Ananthanarayana V.S, 2nd International Conference on Emerging Research in Computing, Information, Communication and Applications (ERCICA) 2014, 1st - 2nd August, NMAMIT, Bangalore
3.	"An Approach for Multimedia Information Retrieval Based on Harmonized Representation of Multimedia", Pushpalatha K & Ananthanarayana V.S., 8th International Conference on Image and Signal Processing (ICISP) 2014, 25th - 27th, July 2014, UVCE, Bangalore.
4.	"Detection and Classification of Object", Sulochan Naik & Ananthanarayana V.S., 2nd International Conference on Emerging Research in Computing, Information, Communication and Applications (ERCICA) 2014, 1st - 2nd August, NMAMIT, Bangalore
5.	"An Improved Association Rule Mining for Distributed System with Load Balancing", Alok Kumar & Ananthanarayana V.S., 2nd International Conference on Emerging Research in Computing, Information, Communication and Applications (ERCICA) 2014, 1st - 2nd August, NMAMIT, Bangalore
6.	"Similarity Analysis of Service Descriptions for Efficient Web Service Discovery", Sowmya Kamath S & Ananthanarayana V.S., IEEE/ACM International Conference on Data Science and Advanced Analytics (DSAA 2014), Oct 30 - Nov 1, 2014, Shanghai, China.
7.	"A Service Crawler Framework for Similarity based Web Service Discovery", Sowmya Kamath S & Ananthanarayana V.S., 11 th IEEE India Conference on Emerging Trends and Innovation in Technology, INDICON 2014, 11-13 December 2014, Pune.
8.	"Change Propagation based Incremental Data Handling in a Web Service Discovery Framework", Sowmya Kamath S & Ananthanarayana V.S., 14th IEEE Symposium on Signal

	Processing and Information Technology (IEEE-ISSPIT 2014), 15 to 17th Dec 2014, New Delhi, India.
9.	“An Unified Approach for Multimedia Document Representation and Document Similarity”, Sowmya Kamath S & Ananthanarayana V.S., 17th IEEE International Conference on Computational Science and Engineering (CSE 2014) Chengdu, China, December 19 th -21 st , 2014.
10.	“An Information Theoretic Similarity Measure for Unified Multimedia Document Retrieval”, Sowmya Kamath S & Ananthanarayana V.S., 7 th International Conference on Information and Automation for Sustainability, Colombo, Srilanka, December 22 nd -24 th , 2014.
11.	Nisha K.K, Pruthvi H.R, Shwetha N Hadimani, G Ram Mohana Reddy, Ashwin T.S and Shridhar D, "An Android GPS-Based Navigation Application For Blind", ACM 7th International Symposium on Visual Information Communication and Interaction (VINCI-2014), Aug. 5-8, 2014, Sydney, Australia.
12.	Aarti Prabhu, Deeksha S D, Hiba Ahsan, Shridhar D, Ashwin T S and G Ram Mohana Reddy, "Vision Based Laser Controlled Keyboard System for the Disabled", ACM 7th Int. Sympo. on Visual Information Commn. and Interaction (VINCI-2014), Aug. 5-8, 2014, Sydney, Australia.
13.	Isha Jassi, Ruchika S, Susmitha P, Subhayan Mukherjee, Ashwin T S and G Ram Mohan Reddy, "Ember: A Smartphone Web Browser Interface for the Blind", ACM 7th Int. Sympo. on Visual Info. Commn. and Interaction (VINCI-2014), Aug. 5-8, 2014, Sydney, Australia.
14.	Subhayan Mukherjee and Ram Mohana Reddy Guddeti, "A Hybrid Algorithm for Disparity Calculation from Sparse Disparity Estimates Based on Stereo Vision", IEEE 10th Int. Conf.on Signal Processing and Commns. (SPCOM 2014), July 22-25, 2014, IISc, B'lore, India.
15.	B. Neelima, G. Ram Mohana Reddy and Prakash S. Raghavendra, "A GPU Framework for Sparse Matrix Vector Multiplication", IEEE 11th Int. Sympo. on Parallel and Distributed Computing (ISPDC 2014), June 24-27, 2014, Aix-Marseille Univ., Porquerolles Island, France
16.	B. Neelima, G. Ram Mohana Reddy and Prakash S. Raghavendra, "Using Sparse Matrix Features, Format Transformation and Communication Time to Predict an Optimal Sparse Format for SpMV Computation on GPU", Int. Workshop on MultiThreaded Architectures And Applications (MTAAP-2014) held in conjunction with 28th IEEE Int. Parallel and Distributed Processing Symposium (IPDPS 2014), May 23, 2014, Phoenix, Arizona, USA.
17.	Mounika Kakarla and G Ram Mohana Reddy, "A Real Time Facial Emotion Recognition Using Depth Sensor And Interfacing With Second Life Based Virtual 3D Avatar", IEEE International Conference on Recent Advances and Innovations in Engineering (ICRAIE-2014), May 9-11, Jaipur, India.

18.	Amol Kokane, Hitesh Singhal, Subhayan Mukherjee, G R M Reddy, "Effective E-learning Using 3D Virtual Tutors and WebRTC Based Multimedia Chat", IEEE 4th International Conf. on Recent Trends in Information Technology (ICRTIT 2014), April 10-12, 2014, Anna Univ., Chennai, India.
19.	R. Roopalakshmi and G. Ram Mohana Reddy, "Content-Based Video Copy Detection Using Motion Activity and Acoustic Features", International Symposium on Signal Processing and Intelligent Recognition Systems (SIRS-2014), Mar. 13-15, 2014, pp. 491-504, IIITM-K, Trivandrum, India
20.	Biju R Mohan and G Ram Mohana Reddy, "Software Ageing Analysis of Trends in Server Virtualized System", International Conference on Advances in Science and Technology, Feb. 15-16, 2014, Pattaya, Thailand.
21.	Shridhar G.Domanal and G. R Mohana Reddy, "Optimal Load Balancing in Cloud Computing By Efficient Utilization of Virtual Machines", IEEE 6th Int. Conference on COMMunication System & NETWORKS (COMSNETS 2014), Jan 7-10, 2014, B'lore, India
22.	Malhar Anjaria and Ram Mohana Reddy Guddeti, "Influence Factor Based Opinion Mining of Twitter Data Using Supervised Learning", IEEE 6th Int. Conf. on COMMunication System & NETWORKS (COMSNETS 2014), January 7-10, 2014, Bangalore, India.
23.	Mohan, B.R.; Ram Mohana Reddy, G., "Software aging trend analysis of server virtualized system," <i>Information Networking (ICOIN)</i> , 2014 <i>International Conference on</i> , vol., no., pp.260,263, 10-12 Feb. 2014; doi: 10.1109/ICOIN.2014.6799478
24.	Biju R Mohan, Ram Mohana Reddy G , "The effect of Software Aging on Power Usage", In the Proceedings of International Conference on Advances in Science and Technology Pattaya, Thailand, February 15, 2014
25.	Neeraj Kumar Sharma & G Ram Mohana Reddy , "Novel Energy Efficient Resources Allocation Using Combined Approach of DVFS and Genetic Algorithm", International Conference on Signal Processing, Communications and Networking (ICSCN-2015), March 26-28, 2015, Anna University, Chennai, India.
26.	Prashant Jha & G Ram Mohana Reddy, "Human Behavior Analysis Using Multimodal Emotion Recognition", IEEE/ACM Int. Conf. on Data Science & Advanced Analytics (DSAA-2014), Oct. 30 - Nov. 1, 2014, Shanghai, China.
27.	Subhayan Mukherjee & G Ram Mohana Reddy , "A Novel Segmentation-Based Algorithm for Stereo Depth Extraction Using Sparse Disparity Estimates", IEEE 12th Int. Conference on Signal Processing (ICSP-2014), October 19-23, 2014, HangZhou, China.
28.	Ashwin T Dixit, Shridhar Domanal & G Ram Mohana Reddy, "A Novel Bio-Inspired Load Balancing of Virtual Machines in Cloud Environment", IEEE 3rd Int. Conf. on Cloud Computing

	for Emerging Markets (CCEM 2014), October 15-17, 2014, Bangalore, India.
29.	Amol Kokane & G Ram Mohana Reddy, "Multiclass SVM Based Language Independent Emotion Recognition Using Selective Speech Features", 3rd Int. Conf. on Advances in Computing, Commns & Informatics (ICACCI-2014), Sept. 24-27, 2014, New Delhi, India.
30.	Hitesh Singhal & G Ram Mohana Reddy, "Modified MapReduce Framework for Enhancing Performance of Graph Based Algorithms by Fast Convergence in Distributed Environment", 3rd Int. Conf. on Adv. in Computing, Commn. & Informatics (ICACCI-2014), Sept. 24-27, 2014, New Delhi, India.
31.	Priyank Rastogi & G Ram Mohana Reddy, "GPU Accelerated Inexact Matching for Multiple Patterns in DNA Sequences", 3rd Int. Conf. on Adv. in Computing, Commn. & Informatics (ICACCI-2014), Sept. 24-27, 2014, New Delhi, India.
32.	Geetha.V and K. Chandrasekaran, Identification of Parameters for Trust Management in Wireless Sensor Networks, in Proc. of eighth International Conference on Communication Networks (ICCN 2014), will be published by Elsevier, 26th -27th July 2014.
33.	Anupama Sikchi and Geetha. V, MRPLA: Multi-hop Routing Protocol for Large Area Wireless Sensor Networks, in Proc. of eighth International Conference on Communication Networks (ICCN 2014), will be published by Elsevier, 26th -27th July 2014.
34.	Adarsh D K, Froila Dsouza, Chandrakanth U, Prajwal R Prasad, Geetha V, Wireless Sensor Network Simulator for Routing Protocols, in Proc. of eighth International Conference on Communication Networks (ICCN 2014), will be published by Elsevier, 26th -27th July 2014.
35.	Geetha.V, K. Chandrasekaran, Shridhar Sanshi, Anupama Sikchi, Trust Based Centralized Low Energy Adaptive Clustering Hierarchy (LEACH-C) for Wireless sensor Network, In proc. of Second International Conference on Emerging Research in Computing, Information, Communication and Applications, will be published by Elsevier, 1st - 2nd August 2014.
36.	Anamika Joshi and Geetha.V, SQL Injection Detection using Machine Learning, In Proc. of International Conference on Control, Instrumentation, Communication, & Computational Technologies (ICCICCT-2014), published by IEEE digital library, 10th-11th July 2014.
37.	Shashank P and Geetha.V , Trace Time Delay Between Base Station and Service Stations in Different Scenarios of WiMAX Networks: Using NS3, In proc. of Second International Conference on Emerging Research in Computing, Information, Communication and Applications, will be published by Elsevier, 1st - 2nd August 2014
38.	G. Eswaraiah and Jaidhar CD, "Data Migration between OpenStack based Cloud Storage Systems", International Conference on Convergence Technology 2014, organized by the IEEE Advancing Technology For Humanity from 5th April to the 7th April 2014, Pune, India

39.	Anirudha R.C, Remya Kannan, Nagamma Patil., "Soft Computing Based Hybrid Disease Prediction Method", 8th International Conference on Data Mining and Warehousing (ICDMW-2014), Bangalore, July 25 - 27.
40.	Smit B Patel and Sowmya Kamath S, "Improved Approximation Algorithm for Vertex Cover Problem using Articulation Points", at Fifth International Conference on Computing, Communications and Networking Technologies (ICCCNT), organized by Hefei University of Technology in Hefei, Anhui, China, during July 11-13, 2014. (IEEE Proceedings)
41.	Rakesh Madivi, Sowmya Kamath S, "An Hybrid Bio-inspired Task Scheduling Algorithm in Cloud Environment", at Fifth International Conference on Computing, Communications and Networking Technologies (ICCCNT), organized by Hefei University of Technology in Hefei, Anhui, China, during July 11-13, 2014. (IEEE Proceedings)
42.	Neha Bajaj and Sowmya Kamath S, "Interactive Visualization of User Data from Multiple Social Networks", at the Eighth International MultiConference on Information Processing (IMCIP-2014), July 25th - 27th, 2014 at Hotel Capitol, Bangalore, India.(Elsevier Proceedings)
43.	Arundhati B, Bhavana R, Mrinialini K V, Shruthi M, Sowmya Kamath S, "Knowledge Based Question Answering System Using Natural Language Understanding Techniques", at the Eighth International Conference on Data Mining and Warehousing (ICDMW 2014), July 25th - 27th, 2014 at Hotel Capitol, Bangalore, India (Elsevier Proceedings)
44.	Suresh Alse, Amogh Reddy, Ankita Sakhare, Prem Sameer, Sowmya Kamath S, "Real-Time Multiplayer Gaming Network Platform as a Service", at the Eighth International MultiConference on Information Processing (IMCIP-2014), to be held on July 25th - 27th, 2014 at Hotel Capitol, Bangalore, India.(Elsevier Proceedings)
45.	Adarsh Kyadige, Froila Hency D'Souza, Sowmya Kamath S, "Connaissance - An Intergration of Web-based Virtual Learning Environments and 3D Virtual Worlds", at International Conference on Communication and Computing (ICC-2014), June 12th - 14th, 2014, Bangalore. (Elsevier Proceedings)
46.	Shrimai Prabhumoye, Piyush Rai, Love Rose Singh Sandhu, Priya L, Sowmya Kamath S, "Automated Query Analysis Techniques for Semantics based Question Answering System", Fourth International Conference on Recent Trends in Information Technology (ICRTIT 2014), organized by Madras Institute of Technology, Anna University, Chennai during April 10th - 12th, 2014 (IEEE Proceedings)
47.	Shrimai Prabhumoye, Piyush Rai, Pranay Khattri, Love Rose Singh Sandhu, Sowmya Kamath S, "A prototype of an Intelligent Search Engine using Machine Learning based Training for Learning to Rank", at the Second International Conference on Advanced Computing,

	Networking, and Informatics [ICACNI-2014], 24 - 26 June 2014, organized by St. Thomas' College of Engineering and Technology Kolkata, India. (Proceedings to be published by Smart Innovation, Systems and Technologies, Springer Verlag [ISSN: 2190-3018])
48.	Smit B Patel, Sowmya Kamath S, "Comparative Evaluation of Vertex Cover Computation Algorithms for Varied Graphs", at Third International Conference on Communication and Signal Processing (ICCSP'13) organised by Adhiparasakthi Engineering College, Melmaruvathur, Tamilnadu, India, held during 3rd - 5th April 2014. (IEEE Proceedings)
49.	Pushpalatha K and Ananthanarayana V.S, "An Approach for Multimedia Information Retrieval Based on Harmonized Representation of Multimedia", 8th International Conference on Data Mining and Warehousing (ICDMW-2014), 25th - 27th, July 2014, UVCE, Bangalore.
50.	Monisha K & Sowmya Kamath S, "Intelligent News Search Engine based on Information Extractions from e-Newspapers", 2014 IEEE International Conference on Computational Intelligence and Computing Research (ICCIC) 18 - 20 Dec, 2014 (Best paper award)
51.	Sowmya Kamath S, Suresh Also ,Prajwal Prasad & Abhay Chennagiri " Generation of Web Service Composition Templates using WSDL descriptions", Second International Conference on Information Systems Design and Intelligent Applications (INDIA 2015) Jan8-9, 2015.
52.	Gaurav Yadav & Sowmya Kamath S, "Secure Music Sharing with Improved Potato System Using Cryptographic Techniques", IEEE International Conference on Signal Processing, Informatics, Communication and Energy Systems (IEEE SPICES 2015) Feb 19- 21st 2015.
53.	Prakash P , Biju R Mohan & Sowmya Kamath S "Performance Analysis of Process Driven and Event Driven Web Servers", 9th International conference on Intelligent systems and Control (ISCO'15) January 9 -10, 2015.
54.	Ankur Singh & Dinesh Naik, " SVD based content based image retrieval System", International Conference on Emerging Research in Computing, Information, Communication and Applications, ERCICA 2014, 01-02 Aug 2014 Nitte Bangalore. Elsevier Publications.
55.	Rajanna bandaru & Dinesh Naik, "Rankings of images based on content based image retrieval", International Conference on Control, Instrumentation, Communication & Computational Technologies ICCICCT-2014 10th and 11th July 2014 At NIU Chennai. IEEE Explore Publications.
56.	Uyyala Shivani & Dinesh Naik, "Anomaly based intrusion detection of packets dropping attacks in MANETs", International Conference on Control, Instrumentation, Communication & Computational Technologies ICCICCT-2014 10th and 11th July 2014 At NIU Chennai. IEEE Explore Publications.

57.	M Bhuvaneswari & Dinesh Naik ,“Secure optimal routing protocol in MANETS”, International Conference on Control, Instrumentation, Communication & Computational Technologies ICCICCT-2014 10th and 11th July 2014 At NIU Chennai. IEEE Explore Publications.
58.	Peeyush kumar & Dinesh Naik, “Content based video retrieval using text in video”, International Conference on Emerging Research in Computing, Information, Communication and Applications, ERCICA 2014, 01-02 Aug 2014 Nitte Bangalore Elsevier Publications.
59.	Hari Teja, Kratika Gupta, Pranay khatti, Saarthak Chandra, Shweta shrivastava & DineshNaik ,“Behavioural analysis and visualization of options data”, Proceedings of 5th SARC-IRF International Conference, 25th May-2014, New Delhi, India, ISBN: 978-93-84209-21-6.

IN REFEREED NATIONAL CONFERENCES

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