



Dr. S Viswanadha Raju

Professor & Vice Principal

LMISTE, LMIETE, IEEE, LMCSI

Computer Science & Engineering

Dr. S. Viswanadha Raju working as Professor of Computer Science and Engineering, has more than 20 years of experience in Teaching, Research and Administration. He obtained M.Tech from JNTUH and Ph.D. from Acharya Nagarjuna University, Guntur. He certified **CMI in Education Leadership and Program Management** from Dudley college London which is sponsored by MHRD-AICTE and UKIERI.

He has been honoured with Best computer Science engineering award from **ISTE A.P.**, for the year 2014 and Best citizen of India etc. His research interests include Programming methodology; Algorithms, Information Retrieval, Biometrics, Databases, Data Mining, Research Methodology and Quality in Higher Education are globally recognized.

He filed **seven Indian patents** deriving from his research. His research contributions are not only confined to his subject area but also extend to other related domains arising out of the new Education System, Assessment and Accreditation, and their impact on Indian Higher Education. To add impetus to his academic credentials he has undergone training as well as speaker for the quality improvement in education at NITTTR, WOSA-2012 (world summit on accreditation 2012), WOSA-2014, TCS, Infosys, and NBA/NAAC.

He produced 05 Ph.Ds. and submitted 01 Ph.D theses for evaluation. He is Life Member of ISTE, IETE, CSI and IACSIT.

He has 80 Research publications in reputed International/National Journals and Conferences. He has authored 02 book and implementing 02 AICTE sponsored research projects and one fellowship from TS&ST. He has been a member of Several Governmental Committees. He has served as Director MCA-GRIET, Head Dept of CSE, JNTUHCEJ. He delivered number of invited talks, expert lectures and key note addresses on various technical topics as well as Outcome Based Education, NBA/NAAC accreditation process, in the country and outside India. He has organized several workshops, seminars, tutorials and conferences. He has visited Singapore and Taiwan and interacted with several academicians and researchers.

-> Educational & Professional

-> Academic Qualifications

- > CMI Certification (international) in Leadership and Program Management , AICTE-UKIERI collaboration with MHRD and Dudley College London(2015) (2014-2015)
- > PhD(Computer Science & Engineering) in Information Retrieval, ACHARYA NAGARJUNA UNIVERSITY with AWARDED (2005-2008)
- > M.Tech(Computer Science & Engineering) in Computer Science & Engineering , JNTU ,HYDERABAD with FIRST CLASS with Distinction (2000-2002)
- > Professional Experience

-> At JNTUH

- > Professor, JNTUHCEJ /JNTU ,HYDERABAD (2010 - Till Date)

-> Patents

- > S.Viswanad, *Video Input based System for Warning Anomalies and Automating Attendance of Students(VISWAAAS)* -5747/CHE/2015 ,Indian patent, 2015
- > S.Viswanad, *A Frame Work for STEP Data Transformation*, (filed --814/CHE/2014) ,Indian patent, 2014
- > S.Viswanad, *An Expert System for Residential Medical Diagnosis*(filed -- 704/CHE/2014) ,Indian patent, 2014
- > S.Viswanad, *A Secured Optimized Multimodal Biometric Identification System (OMBIS) for Remote Infrastructure Management* , (filed - 584/CHE/2014) ,Indian patent, 2014
- > S.Viswanad, *Enhancing the Security Strength of Cloud Computing through Biometric Template Protection Scheme*(filed - TEMP/E-1/77859/2013-CHE) ,Indian patent, 2013
- > S.Viswanad, *Automotive Security System Using Embedded Biometrics* (filed 1995/CHE/2013)- ,Indian patent, 2013
- > S Viswanad, *Hybrid Approach for Multimodal Biometric Template Security*(filed- 1350/CHE/2013) ,Indian patent, 2013

-> Books

- > S.Viswanadha Raju, MSVS RAJU, DEEPAK GARG, K.R.RAJU, *PROCEEDINGS 6th International Advanced Computing Conference*, IEEE Computer Society-CPS Conference publishing, 9781467382861, 2016
- > S.Viswanadha Raju, *International Conference on Advanced Computing*, BS Publications Hyderabad, 7695-2938, 2008

-> Publications

- International Journals

- > Rao, Chinta Someswara; Raju, S Viswanadha; , *Next generation sequencing (NGS) database for tandem repeats with multiple pattern 2'0-shaft multicore string matching*, Genomics Data, ISBN No.2213-5960, Vol No.7, Issue No.1, pp.307-317, elsevier, February, 2016
- > Someswararao, Chinta; Raju, S Viswanadha; , *Similarity analysis between chromosomes of Homo sapiens and monkeys with correlation coefficient, rank correlation coefficient and cosine similarity measures*, Genomics Data, ISBN No.2213-5960, Vol No.7, Issue No.1, pp.202-209, elsevier, January, 2016
- > Varma, P China Venkanna; Chakravarthy, KV Kalyan; Kumari, V Valli; Raju, S Viswanadha; , *Analysis of a Network IO Bottleneck in Big Data Environments Based on Docker Containers*, Big Data Research, ISBN No.2214-5796, Vol No.3, Issue No.1, pp.24-28, elsevier, January, 2016
- > P China Venkanna Varma, KV Kalyan Chakravarthy, V Valli Kumari, S Viswanadha Raju, *Analysis of Network IO Performance in Hadoop Cluster Environments Based on Docker Containers*, Fifth International Conference on Soft Computing for Problem Solving, ISBN No.978-981-10-0450-6, Vol No.2, pp.227-237, 2016
- > K Butchi Raju and S Viswanadha Raju, *Numerical N-Folded Parallel string matching*, International Journal of Applied Engineering Research, ISBN No.0973-4562, Vol No.10, Issue No.19, pp.40415-40433, RIP PUBLICATIONS, 2015
- > Sreedhar, J; Raju, S Viswanadha; Babu, A Vinaya; , *Two-Word and Three-Word Disambiguation Rules for Telugu Language Sentences: A Practical Approach*, Global Journal of Computer Science and Technology, ISBN No.0975-4172, Vol No.14, Issue No.1, pp.15-20, Global Journals, 2014
- > Gudavalli, Madhavi; Kumar, D Srinivasa; Raju, S Viswanadha; , *Securing E-Governance Services through Biometrics*, International Journal of Security and Its Applications, ISBN No.1738-9976, Vol No.8, Issue No.1, pp.103-112, International Journal of Security and Its Applications, 2014
- > Gudavalli, Madhavi; Kumar, D Srinivasa; Raju, S Viswanadha; , *Integrated Biometric Template Security using Random Rectangular Hashing*, Global Journal of Computer Science and Technology, ISBN No.0975-4172, Vol No.14, Issue No.7, pp.33-38, Global Journals, 2014
- > Sreedhar, J; Raju, S Viswanadha; Babu, A Vinaya; , *Empirical Analysis of Context Free Grammars and Parse Trees*, International Journal of Computer Applications, ISBN No.0975 46 8887, Vol No.98, Issue No.6, pp.38-40, International Journal of Computer Applications, July, 2014
- > S.VISWANADHA RAJU, P.VIDYASREE, G.MADHAVI, *Enhancing security of stored biometric template in cloud computing using FEC*, International Journal of Advanced Computational Engineering and Networking, ISBN No.2320 - 2106, Vol No.2, Issue No.2, pp.35-39, February, 2014
- > Reddy, H Venkateswara; Raju, S Viswanadha; Kumar, B Suresh; Jayachandra, C., *An Approach for Data Labelling and Concept Drift Detection Based on Entropy Model in Rough Sets for Clustering Categorical Data*, Journal of Information & Knowledge Management, ISBN No.1793-6926 , Vol No.13, Issue No.2, pp.1-14, World Scientific Publishing Co., June, 2014
- > Sreedhar, J; Raju, S Viswanadha; Babu, A Vinaya; , *A Study of Critical Approaches in WSD for Telugu Language Nouns: Current State of the Art*, International Journal of Scientific & Engineering Research, ISBN No.2229-5518, Vol No.5, Issue No.6, pp.555-560, June, 2014
- > Lakshmi, Seetha Maha; Raju, S Viswanadha; Babu, A Vinaya; , *A Formal Study of Cryptanalysis on Ciphers*, International Journal of Research in Computer and Communication Technology, ISBN No.2278-5841, Vol No.3, Issue No.8, pp.824-826, August, 2014
- > Rao, Chinta Someswara; Raju, K Butchi; Raju, S Viswanadha; , *String Matching Problems with Parallel Approaches-An Evaluation for the Most Recent Studies*, Global Journal of Computer Science and Technology, ISBN No.0975-4172, Vol No.13, Issue No.1, pp.9-18, Global Journals, 2013
- > Korra, Sampath; Raju, S Viswanadha; Babu, A Vinaya; , *Strategies for Designing and Building Reusable Software Components*, International Journal of Computer Science and Information Technologies, ISBN No.0975-9646, Vol No.4, Issue No.5, pp.655-659, 2013
- > Rao, Chinta Someswara; Raju, K Butchi; Raju, S Viswanadha; , *Parallel string matching with multi core processors-A comparative study for gene sequences*, Global Journal of Computer Science and Technology, ISBN No.0975-4172, Vol No.13, Issue No.1, pp.27-41, Global Journals, 2013
- > Raju, K Butchi; Rao, Chinta Someswara; Raju, S Viswanadha; , *Parallel String Matching Problems with Computing Models-An Analysis of the Most Recent Studies*, International Journal of Computer Applications, ISBN No.0975 46 8887, Vol No.76, Issue No.15, pp.7-25, August, 2013
- > Kumar, KSMV; Raju, S Viswanadha; Govardhan, A; , *Overlapped Text Partition Algorithm for Pattern Matching on Hypercube Networked Model*, Global Journal of Computer Science and Technology, ISBN No.0975-4172, Vol No.13, Issue No.4, pp.1-8, Global Journals, 2013
- > Reddy, H Venkateswara; Raju, S Viswanadha; Kumar, B Suresh; Jayachandra, C., *Outlier Test for Categorical Data By Using Hypergraph Deviation Comparison*, International Journal of Engineering And Computer Science, ISBN No.2319-7242, Vol No.2, Issue No.5, pp.1688-1691, May, 2013
- > Reddy, H Venkateswara; Raju, S Viswanadha; , *N-Nodeset Importance Representative based Outlier Detection for Categorical Data*, International Journal of Engineering and Computer Science, ISBN No.2319-7242, Vol No.2, Issue No.1, pp.259-264, 2013
- > Velagaleti, Sessa Bhargavi; Seetha, M; Raju, S Viswanadha; , *A Simulation and Analysis Of Secured AODV Protocol in Mobile Ad Hoc Networks*, IJRET: International Journal of Research in Engineering and Technology, ISBN No.2319-1163, Vol No.2, Issue No.9, pp.542-547, 2013
- > Korra, Sampath; Raju, S Viswanadha; Babu, A Vinaya; , *A Realistic Approach to Systematic Reuse*, International Journal Of Engineering And Computer Science , ISBN No.2319-7242, Vol No.2, Issue No.11, pp.3217-3222, November, 2013
- > Kumar, KSMV; Raju, S Viswanadha; Govardhan, A; , *A Partition Algorithm for Matching String Patterns in Large Text Databases*, ISBN No.1738-7906, Vol No.13, Issue No.6, pp.31-40, 2013
- > Raju, K Butchi; Raju, S Viswanadha; , *A Parallel Computational Approach for String Matching-A Novel Structure with Omega Model*, Global Journal of Computer Science and Technology, ISBN No.0975-4172, Vol No.13, Issue No.12, pp.11-30, Global Journals, 2013
- > Raju, K Butchi; Raju, S Viswanadha; , *A Novel Structure for Parallel String Matching-A Computational Approach with Omega Model*, Global Journal of Computer Science and Technology, ISBN No.0975-4172, Vol No.5, Issue No.3, pp.94-100, Global Journals, 2013
- > Raju, K Butchi; Rao, Chinta Someswara; Raju, S Viswanadha; , *A Frame work for Parallel String Matching-A Computational Approach with Omega Model*, Global Journal of Computer Science and Technology, ISBN No.0975-4172, Vol No.13, Issue No.2, pp.13-20, Global Journals, 2013
- > Kumar, Ksmv; Raju, S Viswanadha; Govardhan, KA; , *An Optimal Algorithm for Matching String Patterns in Large Text Databases*, International Journal of Computer Science and Network Security, ISBN No.1738-7906, Vol No.13, Issue No.6, pp.31-40, 2013
- > Sreedhar, J; Raju, S Viswanadha; Babu, A Vinaya; Shaik, Amjan; Kumar, P Pavan; , *Word sense disambiguation: An empirical survey*, International Journal of Soft Computing and Engineering , ISBN No.2231-2307, Vol No.2, Issue No.2, pp.494-503, May, 2012
- > Mahalaxmi, D Seetha; Raju, S Viswanadha; Babu, A Vinaya; , *Version Based Software Watermark*, IJRET: International Journal of Research in Engineering and Technology, ISBN No.2319-1163, Vol No.1, Issue No.2, pp.131-132, October, 2012
- > Rajashekharaiah, KMM; MadhuBabu, Ch; Raju, S Viswanadha; , *Parallel String Matching Algorithm Using Grid*, International Journal of Distributed and Parallel Systems, ISBN No.0976-9757, Vol No.3, Issue No.3, pp.21-28, May, 2012
- > Madhavi, K Reddy; Babu, A Vinaya; Raghunathan, T; Raju, S Viswanadha; , *Modified S² and Pattern Search Methods to Find Optimal Cluster Centroid for Multi-Variable Functions*, International Journal of Computer Technology and Electronics Engineering, ISBN No.2249-6343, Vol No.2, Issue No.2, pp.173-178, 2012
- > Madhavi, Reddy K; Babu, Vinaya A; Rao, Ananda A; Raju, Viswanadha S; , *Extension of Direct Search Methods to find Optimal Cluster Centroid for Constrained Multi-Variable Functions*, International Journal on Recent Trends in Engineering and Technology, ISBN No.2158-5563, Vol No.7, Issue No.1, pp.47-49, July, 2012
- > Mahalaxmi, D Seetha; Raju, S Viswanadha; Babu, A Vinaya; , *Embedding a software watermark using poisson distribution*, IJCS, ISBN No.0973-7391, Vol No.3, Issue No.1, pp.125-128, JAN-JUNE, 2012
- > Velagaleti, Sessa Bhargavi; Seetha, M; Raju, S Viswanadha; , *Design of a Scheme for Secure Routing in Mobile Adhoc Networks*, CS & IT-CSCP 2012, ISBN No.2231-5403, Vol No.2, Issue No.1, pp.33-46, 2012
- > Reddy, H Venkateswara; Raju, Dr S Viswanadha; Reddy, B Ramasubba; , *Comparing N-Node Set Importance Representative results with Node Importance Representative results for Categorical Clustering: An exploratory study*, International Journal of Computer Engineering Science, ISBN No.2250-3439 , Vol No.2, Issue No.8, pp.1-16, May, 2012
- > Mahalaxmi, D Seetha; Raju, S Viswanadha; Babu, A Vinaya; , *Attack model of version based software watermark*, International Journal of Engineering Inventions, ISBN No.2278-7461, Vol No.1, Issue No.7, pp.20-21, October, 2012
- > Kumar, KSMV; Raju, S Viswanadha; Govardhan, A; , *A Survey of Parallel Algorithms for Text Matching In Large Databases and Hardware Implementations*, International Journal of Engineering and Innovative Technology, ISBN No.2277-3754 , Vol No.1, Issue No.2, pp.119-129, February, 2012
- > Sujatha, B; Raju, Dr S Vishwanadha; Shaziya, Humera; , *A Survey of Natural Language Interface to Database Management System*, International Journal of Science and Advanced Technology , ISBN No.2221-8386, Vol No.2, Issue No.6, pp.56-60, June, 2012
- > Reddy, H Venkateswara; Raju, S Viswanadha; , *A study in employing rough set based approach for clustering on categorical time-evolving data*, IOSR Journal of Computer Engineering, ISBN No.2278-0661, Vol No.3, Issue No.5, pp.44-51, July-August, 2012
- > Velagaleti, Sessa Bhargavi; Seetha, M; Raju, S Viswanadha; , *A Privacy based Web Services Application for Secure Routing in Mobile Ad Hoc Networks*, International Journal of Information Technology Convergence and Services , ISBN No.2231-153X, Vol No.2, Issue No.2, pp.55-59, April, 2012
- > Gudavalli, Madhavi; Raju, S Viswanadha; , *Human recognition using fused soft biometrics: an overview*, Information Technology & Computer Science, ISBN No.2091-1610, Vol No.5, Issue No.2, pp.52-64, 2012
- > Mahalaxmi, D Seetha; Raju, S Viswanadha; , *Revolutionary Approach for Protecting the Software*, International Journal of Engineering Research and Applications, ISBN No.2248-9622, Vol No.1, Issue No.4, pp.1579-1582, 2011
- > Sreedhar, J; Raju, S Viswanadha; Babu, A Vinaya; , *Query processing for content based image retrieval*, International Journal of Soft Computing and Engineering , ISBN No.2231-2307, Vol No.1, Issue No.5, pp.122-131, November, 2011
- > Raju, S Viswanadha; Reddy, N Sudhakar; Reddy, H Venkateswara; Sreenivasulu, G; NageswaraRaju, C., *POUR-NIR: Modified node importance representative for clustering of categorical data*, International Journal of Computer Science and Information Security, ISBN No.1947-5500 , Vol No.9, Issue No.4, pp.146-150, April, 2011
- > Basha, Sk Althaf Hussain; Govardhan, A; Raju, S Viswanadha; Sultana, Nayeem; , *MICR: Multiple Instance Cluster Regression for Student Academic Performance in Higher Education*, International Journal of Computer Applications, ISBN No.0975 46 8887, Vol No.14, Issue No.4, pp.23-29, January, 2011
- > Reddy, Venkateswara; H, Viswanadha Raju. S., *Our-NIR: Node Importance Representative for Clustering of Categorical Data*, International Journal of Computer Science and Technology, ISBN No.0976-8491, Vol No.2, Issue No.2, pp.80-82, 2011
- > Raju, S Viswanadha; Reddy, N Sudhakar; Sunitha, KVN; Reddy, H Venkateswara; Sreenivasulu, G; , *Clustering of Concept Drift Categorical Data using Our-NIR Method*, International Journal of Computer and Electrical Engineering, ISBN No.1793-8163, Vol No.3, Issue No.6, pp.784-788, December, 2011
- > Gudavalli, Madhavi; Raju, S Viswanadha; Kumar, D Srinivasa; , *An Overview on MultiModal Biometrics-Sources, Architecture & Fusion Techniques*, CIIT International Journal of Data Mining and Knowledge Engineering, ISBN No.097446 956X, Vol No.3, Issue No.11, pp.516-519, 2011
- > Madhavi, Reddy;K., Dr. Vinaya Babu. A. Dr. Viswanadha Raju. S., *Clustering of Concept-drift Categorical data implementation in Java*, Global Trends in Information Systems and Software Applications, ISBN No. 978-3-642-29216-3, Vol No.270, pp.639-654, 2011
- > Raju, GVS; Srinivasu, B; RAJU, S VISWANADHA; Kumar, KSMV; , *Named Entity Recognition for Telugu Using Maximum Entropy Model*, Journal of Theoretical and Applied Information Technology , ISBN No.1817-3195, Vol No.13, Issue No.2, pp.125-130, 2010
- > Raju, GVS; Srinivasu, B; Raju, S Viswanadha; Balaran, Allam; , *Named Entity Recognition for Telugu Using Conditional Random Field*, International Journal of Computational Linguistics (IJCL), ISBN No.2180-1266, Vol No.1, Issue No.3, pp.36-44, December, 2010
- > Basha, AH; Govardhan, A; Raju, S Viswanadha; Sultana, Nayeem; , *A Comparative Analysis of Prediction Techniques for Predicting Graduate Rate of University*, European Journal of Scientific Research, ISBN No.1450-202X, Vol No.46, Issue No.2, pp.186-193, 2010
- > Sree, P Kiran; Raju, GVS; Raju, S Viswanadha; Devi, NSSS; , *Cellular Automata based Feedback Mechanism in Strengthening Biological Sequence Analysis Approach to Robotic Soccer*, ICGST-AIML Journal, ISBN No.1687-4846 , Vol No.8, Issue No.1, pp.29, ICGST, June, 2008
- > Raju, S Viswanadha; Babu, A Vinaya; Raju, GVS; Madhavi, KR; , *W-period technique for parallel string matching*, IJCSNS International Journal of Computer Science and Network Security, ISBN No.1738-7906, Vol No.7, Issue No.9, pp.162-165, 2007
- > Raju, VS; Vinayababu, A; , *Parallel algorithms for string matching problem on single and two-dimensional reconfigurable pipelined bus systems*, Journal of Computer Science, ISBN No.1549-3636, Vol No.3, Issue No.9, pp.754-759, 2007
- > Raju, VS; Vinayababu, A; , *Optimal parallel algorithm for string matching on mesh network structure*, International Journal of Applied Mathematical Sciences., ISBN No.0973-0176, Vol No.3, Issue No.2, pp.167-175, 2006

International Conference

- > Gudavalli, Madhavi; Kumar, D Srinivasa; Raju, S Viswanadha;., *A Multibiometric Fingerprint Recognition System Based on the Fusion of Minutiae and Ridges*, Emerging ICT for Bridging the Future - Proceedings of the 49th Annual Convention of the Computer Society of India (CSI) , ISBN No.978-3-319-13728-5, Vol No.1, pp.231-237, AISC Springer, 2015
- > Korra, Sampath; Babu, A Vianaya; Raju, S Viswanadha;., *The adaptive approach to software reuse*, International Conference on Contemporary Computing and Informatics (IC3I), ISBN No.INSPEC Accession Number:14871880, pp.67-70, IEEE, November, 2014
- > Sreenivasulu, G; Raju, S Viswanadha; Rao, N Sambasiva;., *Data Labeling method based on Rough Entropy for categorical data clustering*, International Conference on Electronics, Communication and Computational Engineering (ICECCE), ISBN No.INSPEC Accession Number:15059028 , pp.173-178, IEEE, November, 2014
- > Reddy, H Venkateswara; Raju, S Viswanadha;., *A Roughset Based Data Labeling Method for Clustering Categorical Data*, 3rd International Conference on Eco-friendly Computing and Communication Systems (ICECCS) , ISBN No.978-1-4799-7003-2 , pp.51-55, December, 2014
- > Reddy, H Venkateswara; Kumar, B Suresh; Raju, S Viswanadha;., *A Data Labeling Method for Categorical Data Clustering Using Cluster Entropies in Rough Sets*, International Conference on Advances in Computing, Communications and Informatics (ICACCI), ISBN No.978-1-4799-3069-2, pp.444-449, IEEE, August, 2014
- > Reddy, H Venkateswara; Viswanadha Raju, S; Agrawal, Pulin;., *Data labeling method based on cluster purity using relative rough entropy for categorical data clustering*, International Conference on Advances in Computing, Communications and Informatics (ICACCI) , ISBN No.978-1-4799-2432-5, pp.500-506, IEEE, August, 2013
- > Someswararao, Chinta; Raju, K Butchi; Appaji, SV; Raju, S Viswanadha; Reddy, KKVVS;., *Recent Advancements in Parallel Algorithms for String Matching on Computing Models-A Survey and Experimental Results*, Advanced Computing, Networking and Security, ISBN No.ISBN:978-3-642-29280-4, Vol No.7135, pp.270-278, LNCS Springer, 2012
- > Gudavalli, Madhavi; Babu, A Vinaya; Raju, S Viswanadha; Kumar, D Srinivasa;., *Multimodal Biometrics--Sources, Architecture and Fusion Techniques: An Overview*, International Symposium on Biometrics and Security Technologies, ISBN No.978-1-4673-0917-2 , pp.27-34, IEEE, 2012
- > Madhavi, K Reddy; Babu, A Vinaya; Rao, A Anand; Raju, SVN;., *Identification of optimal cluster centroid of multi-variable functions for clustering concept-drift categorical data*, International Conference on Advances in Computing, Communications and Informatics , ISBN No.978-1-4503-1196-0, pp.124-128, ACM, 2012
- > Reddy Madhavi, K; Vinaya Babu, A; Anand Rao, A; Viswanadha Raju, S;., *Identification of optimal cluster centroid for unconstrained nonlinear multivariable functions*, Fourth International Conference on Advances in Recent Technologies in Communication and Computing (ARTCom2012), pp.210-213, IEEE, 2012
- > Madhavi, K Reddy; Babu, A Vinaya; Rao, A Anand; Raju, S Viswanadha; Rau, CN;., *Graphical method to find optimal cluster centroid for two-variable linear functions of concept-drift categorical data*, Second International Conference on Computational Science, Engineering and Information Technology , ISBN No.978-1-4503-1310-0, pp.269274, ACM, 2012
- > Gudavalli, Madhavi; Raju, S Viswanadha; Kumar, KSMV;., *A template protection scheme for multimodal biometric system with fingerprint, palmprint, iris and retinal traits*, CUBE International Information Technology Conference , ISBN No.978-1-4503-1185-4, pp.102-107, ACM, 2012
- > Raju, K Butchi; Kumar, LP; Rao, Chinta Someswara; Raju, S Viswanadha;., *PDM data classification from STEP-an object oriented String matching approach*, 5th International Conference on Application of Information and Communication Technologies (AICT), ISBN No.978-1-61284-831-0, pp.1-9, IEEE, October, 2011
- > Rao, Chinta Someswara; Murthy, KVS; Gupta, V MNSSVKR; Raju, GV Padma; Raju, S Viswanadha; Balakrishna, Adavi;., *Implementation of object oriented approach for copyright protection using Hadamard transforms*, International Conference on Computer and Communication Technology (ICCT), ISBN No.978-1-4244-9033-2, pp.473-480, IEEE, September, 2010
- > Rao, Chinta Someswara; Balakrishna, Adavi; Raju, K Butchi; Kumar, L Prasanna; Raju, S Viswanadha; Raju, GV Padma;., *Implementation Of Interactive Data Knowledge Management And Semantic Web For Step-Data From Express Entities*, 3rd International Conference on Emerging Trends in Engineering and Technology (ICETET), ISBN No.978-1-4244-8481-2, pp.537-542, IEEE, 2010
- > Raju, S Viswanadha; Mantena, SR; Babu, A Vinaya; Raju, GVS;., *Efficient Parallel Pattern Matching Using Partition Method*, Seventh International Conference on Parallel and Distributed Computing, Applications and Technologies, ISBN No.0-7695-2736-1 , pp.427-430, IEEE, 2006
- > Raju, S Viswanadha; Babu, A Vinaya; Mrudula, M;., *Backend engine for parallel string matching using boolean matrix*, International Symposium on Parallel Computing in Electrical Engineering, ISBN No.0-7695-2554-7 , pp.281-283, 2006

-> Events Participated/Organized

- Organized

- > Organized a Conference on IEEE Conference, Patiala, 15-05-2016 to
- > Organized a Conference on International Conference on Advance Computing Methodologies, Hyderabad, 15-05-2016 to
- > Organized a Conference on the IEEE International Advance Computing Conference (IACC-2016), Bhimavaram-534204, Andhra Pradesh, India Organized by IEEE Computer Society - India Council & S R K R Engineering College, Bhimavaram, India, 27-02-2016 to 28-02-2016
- > Organized a Workshop on AICTE staff development program on Emerging Trends in Data Mining, Gokaraju Rangaraju Institute of Engineering & Technology, Hyderabad, 22-06-2009 to 05-07-2009
- > Organized a Conference on International Conference on Advanced Computing Technologies, Gokaraju Rangaraju Institute of Engineering & Technology, Hyderabad, 26-12-2008 to 27-12-2008
- > Organized a Workshop on Algorithms and Data Mining, Gokaraju Rangaraju Institute of Engineering & Technology, Hyderabad, 09-12-2008 to 13-12-2008
- > Organized a Workshop on Advanced Algorithms and Data mining, Gokaraju Rangaraju Institute of Engineering & Technology, Hyderabad, 17-11-2008 to 21-11-2008
- > Organized a Conference on National Conference on Artificial Intelligence, Gokaraju Rangaraju Institute of Engineering & Technology, Hyderabad, 01-12-2006 to
- > Organized a Workshop on Advanced UNIX Programming, Gokaraju Rangaraju Institute of Engineering & Technology, Hyderabad, 09-12-2004 to 11-12-2004
- > Organized a Workshop on R PROGRAMMING, JNTUHCEJ KARIMANAGER,

- Presented

- > Presented a paper in *Enhancing Security of Stored Biometric Template In Cloud Computing Using FEC*, ICCCS ,Tirupati, 18-01-2016 to
- > Presented a paper in *Ameliorating the security of Palm print Biometric Template Using FEC*, National Conference on Emerging Technologies in Computer Science-2014 (NCEETCS'14), JNTUK University College of Engineering Vizianagaram (IEEE), 28-03-2014 to 29-03-2014
- > Presented a paper in *Clustering Categorical Time-Evolving data using Concept-Drift Detection based on Rough Entropy*, 2nd International Conference on "Advanced Computing Methodologies, GRIET Hyderabad, 02-08-2013 to 03-08-2013
- > Presented a paper in *Academic Fraud in Higher Education*, WOSA 2012 NEW DELHI, 25-03-2012 to 28-03-2012
- > Presented a paper in *Global educational qualification Framework (GEQF) for International Recognition of Qualification*, NBA 2nd world Summit on Accreditation 2014(WOSA 2014) NEW DELHI, 08-03-2010 to 10-03-2010

- Resource Person

- > Resource Person in a Workshop on *Biometric Authenticating System As a Cloud Service*, Varadha Reddy College of Engineering Warangal, 24-05-2016 to
- > Resource Person in a Refresher Course on *An art of Research Publications*, BVRIT, Hyderabad, 17-05-2016 to
- > Resource Person in a Refresher Course on *An art of Research Publications and Research Methodology*, Hyderabad, 17-05-2016 to
- > Resource Person in a Workshop on *Curriculum Enhancement in Higher Education*, Internal Quality Assurance Cell (IQAC) Periyar University, SALEM, 28-03-2016 to 29-03-2016
- > Resource Person in a Conference on *6th IEEE International Advance Computing Conference (IACC-2016)*, SRKR bHIMAVARAM, 26-02-2016 to 28-02-2016
- > Resource Person in a Orientation Course on *An art of Research Publications, Faculty Early Induction Program*, JNTU Kakinada, 11-10-2014 to
- > Resource Person in a Orientation Course on *Patent Drafting and Filing Process*, RVR&JC Engineering College, Guntur, 10-10-2014 to
- > Resource Person in a Workshop on *Ethical Hacking*, Vaageswari Engineering College, Karimnagar, 09-09-2014 to 10-09-2014
- > Resource Person in a Workshop on *Outcome Based Education â€" Engineering*, NBA Accreditation and Preparation of SAR, ESCI (Engineering Staff College of India), Hyderabad, 22-08-2014 to 23-08-2014
- > Resource Person in a Orientation Course on *Outcome Based Education â€" Engineering*, NBA Accreditation and Preparation of SAR, ESCI Engineering Staff College of India, Hyderabad, 22-08-2014 to 23-08-2014
- > Resource Person in a Workshop on *Dynamic Programming Methods for Real Time Applications*, Sree Vidyanikethan, Engineering College, Tirupati, 18-08-2014 to
- > Resource Person in a Refresher Course on *An Art of writing Successful Research Grant Proposals*, Sri Venkateswara College of Engineering Tirupati, 18-08-2014 to
- > Resource Person in a Orientation Course on *Outcome Based Education â€" Engineering*, SreeVidyanikethan, Engineering College, Tirupati, 01-08-2014 to
- > Resource Person in a Refresher Course on *An art of Writing Successful Research Grant Proposals, Research Opportunities- AICTE &UGC and Formulation of Research & Development Initiatives for Engineering Faculty*, ESCI Engineering Staff College of India in collaboration with G.pullaiah college of engineering and Technology, Kumool,, 26-06-2014 to 27-06-2014
- > Resource Person in a Refresher Course on *An art of Writing Successful Research Grant Proposals Research Opportunities- AICTE &UGC Case Study and Formulation of Research & Development Initiatives for Engineering Faculty*, Siddaganga Institute of Technology, Tumkur , Karnataka, 20-06-2014 to
- > Resource Person in a Orientation Course on *New Outcome based ACCREDITATION*, Pillay Engineering College at Nagapattinam, Tamil Nadu, 01-06-2014 to
- > Resource Person in a Orientation Course on *Preparation of Self Assessment Report â€" NBA(PEO, PO ,CO and Mapping), Preparation for NBA Accreditation / (PEO's & PO's) / Preparation of Self Assessment Report (SAR) / Exercises/ Group Discussion/ Case Study*, ESCI Engineering Staff College of India , Hyderabad, 11-05-2014 to
- > Resource Person in a Workshop on *Outcome Based Education, Three Day workshop on NAAC-NBA Process*, INDUR Institute of Engineering & Technology, 07-05-2014 to
- > Resource Person in a Orientation Course on *Global educational qualification Framework (GEQF) for International Recognition of Qualification*, NBA 2nd world Summit on Accreditation 2014(WOSA 2014), New Delhi, 08-03-2014 to 10-03-2014
- > Resource Person in a Workshop on *Global educational qualification Framework (GEQF) for International Recognition of Qualification*, NBA 2nd world Summit on Accreditation 2014(WOSA 2014), New Delhi, 08-03-2014 to 10-03-2014
- > Resource Person in a Refresher Course on *An art of Research Publications, Advanced Computing and Pattern Recognition (ACPR-14)*, JNTUH CE Jagtial, 08-01-2014 to 09-01-2014
- > Resource Person in a Workshop on *Software Offerings to Academics*, School of Information Technology, JNTUH in collaboration with M/S. SP Software Pvt Ltd, 23-11-2013 to
- > Resource Person in a Orientation Course on *Outcome Based Education â€" Engineering*, School of Information Technology, JNTUH, Hyderabad, 01-10-2013 to
- > Resource Person in a Refresher Course on *An art of Research Publications and Research Methodology*, Vignan Nirula Engineering College, 01-06-2013 to
- > Resource Person in a Training on *Research Methodology and Concept Drift for Clustering of Categorical Dataâ€**, AICTE Sponsored Two Week FDP on Recent Trends in Global Data Mining & Data Ware Housing, QIS College of Engineering & Technology, Ongole, 28-05-2013 to
- > Resource Person in a Refresher Course on *Best Practices in Higher Education*, EINDIA2012, Hyderabad, 15-11-2012 to 16-11-2012
- > Resource Person in a Orientation Course on *International Practices in Assessment, Accreditation & Quality Standards in Higher Education*, Digital Learning World Education Summit 2012, 23-07-2012 to 24-07-2012
- > Resource Person in a Orientation Course on *Academic Fraud in Higher Education*, NBA 1st world Summit on Accreditation (WOSA 2012), Newdelhi, 25-03-2012 to 28-03-2012
- > Resource Person in a Refresher Course on *Trends in Information System Security*, UGC ASC JNTUH, Hyderabad, 24-09-2010 to
- > Resource Person in a Refresher Course on *Research topics in Software Engineering, Three weeks Refresher course on â€œSoftware Engineering and Design Patterns*, UGC ASC JNTUH, Hyderabad, 24-09-2010 to
- > Resource Person in a Workshop on *One week workshop on Latest Advanced Algorithms*, Thapar university, Patiala, 05-06-2008 to 10-06-2008
- > Resource Person in a Refresher Course on *An art of Writing Successful Research Grant Proposals Research Opportunities- AICTE &UGC Case Study and Formulation of Research & Development Initiatives for Women Scientists and Technologists*, Engineering Staff College of India(ESCI), Hyderabad,

- Participated

- > Participated in a Conference on *International Conference on Electrical Engineering and Computer Science*, Hyderabad, 15-05-2016 to
- > Participated in a Workshop on *World Education Summit 2012*, Le Meridian, New Delhi, 23-07-2012 to 24-07-2012
- > Participated in a Workshop on *First World Summit on Accreditation (WOSA 2012)*, NBA, New Delhi,, 25-03-2012 to 28-03-2012
- > Participated in a Workshop on *Mobile Application Development using J2ME and Android*, SIT, JNTUH, Hyderabad,, 15-03-2012 to 17-03-2012
- > Participated in a Orientation Course on *Three day short term course on Question Paper Setting and Evaluation Studentsâ€™™ Performance*, NITTR Chennai, 14-09-2011 to 16-09-2011
- > Participated in a Workshop on *Two day orientation workshop for Chairman/Expertâ€™™s of NBA* JNTUniversity Hyderabad, 29-07-2011 to 30-07-2011
- > Participated in a Workshop on *A Two-Day Workshop on Insight 2009*, INFOSYS, Hyderabad, 06-04-2009 to 07-04-2009
- > Participated in a Workshop on *Advanced computing technologies*, Gokaraju Rangaraju Institute of Engineering & Technology, Hyderabad, 01-02-2009 to
- > Participated in a Workshop on *A Three day Workshop on Business Intelligence*, NIT Warangal, 28-01-2008 to 30-01-2008
- > Participated in a Workshop on *One Week Workshop on Free Software*, JNTUniversity and ISTE, Hyderabad, 26-03-2007 to 30-03-2007
- > Participated in a Workshop on *A Three day workshop on Cell Programming*, IIT Mumbai, 20-03-2007 to 22-03-2007
- > Participated in a Refresher Course on *A Three Day course on Personality Development Program in Tata Consultancy Services (TCS)*, TCS, Hyderabad, 22-12-2005 to 24-12-2005
- > Participated in a Workshop on *A Two-Day Workshop on Computer Networks*, Narayanamma Institute of Engineering & Technology, Hyderabad, 20-02-2004 to 21-02-2004

-> Teaching

- > Data Structures in ECE I year (2016)
- > Introduction to Analytics in CSE II semester III Year B.Tech (2016)
- > Intellectual Property Rights in CSE I Semester III Year B.Tech (2015)

-> Administrative Positions Held

- > Head of Department, JNTUHCEJ, 04 Oct 2010 - 03 Nov 2014
- > Director - PG(MCA), GRIET, 01 May 2009 - 06 Jul 2010
- > Head of Department (CSE/MCA), GRIET, 01 May 2002 - 01 May 2009

- ▶ Project/Research Guidance

- ▶ Students

Student Name	Title	Year	Download
H. Venkateswara Reddy	Clustering Of Concept-Drift Categorical Data Based On Node Importance Representatives	2015	
KSMV KUMAR	Parallel algorithms for string matching	2015	
Student Name	Title	Year	Download
D. Seetha Mahalaxmi	Version Based Software Watermarking	2014	

- ▶ Countries/Foreign Universities

- ▶ International conference (ICMLC2011), SINGAPORE RESEARCH PAPER PRESENTATION
- ▶ National Taiwan University of Science and Technology, Taipei, Taiwan , 26-03-2012 to 29-03-2012 RESEARCH PAPER PRESENTATION

- ▶ Downloads

- ▶ OBE - Student learning Outcomes
- ▶ OBE - Attainment of Course Outcomes and Program Outcomes
- ▶ Outcome Based Education(OBE)

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