Dr. T. Venugopal

B.E. , M.Tech , Ph.D., ISTE

Professor & Principal I/c of UCERS

Computer Science & Engineering

Dr. T. Venugopal is currently working as a **Professor of CSE & Principal I/c at JNTUH University College of Engineering Rajanna Sircilla, Sircilla** District, Telangana, India. He also rendered his services as Training and Placement Officer, NSS program officer, HEAD and Vice-Principal. He has rich experience as a teacher and motivator and transformed many students by his technical and motivational skills. He is expert in guiding the students for their career perspectives in terms of placements and higher studies like GATE examination. His interesting areas include image processing, data mining, cryptography and file-systems. **Under his guidance 13 students have obtained Ph.D., 2 students have submitted their thesis and about 10 students are pursuing Ph.D.** He has authored text books on **Design and Analysis of Algorithms** and **Mobile Computing: Tele Communication Networks and its applications**. He has published more than 70 research papers in various International Journals. He participated and presented research papers in International and National Conferences. **He has completed Two funded TEQIP-III projects from JNTUH**. He has organized and participated in workshops / seminars, training programs, Refresher Courses. He is honoured with **"The Vishista Seva Puraskar" by J.N.T.U.H College of Engineering Jagtial** Nachupalli, Jagitial for his meritorious services rendered to this Institution during 2009-10. He has obtained his BE in ECE from the Osmania University, Hyderabad, Telangana, India. M.Tech in CSE and PhD in CSE from the JNTUH University, Hyderabad, Telangana, India.

Educational & Professional

Academic Qualifications

- PhD in COMPUTER SCIENCE & ENGINEERING, JNTU COLLEGE OF ENGINEERING KUKATPALLY HYDERABAD / JNTU (2004-2009)

- M.TECH in COMPUTER SCIENCE & ENGINEERING, JNTU COLLEGE OF ENGINEERING KUKATPALLY HYDERABAD / JNTU with FIRST CLASS WITH DISTINCTION (2001-2003)

- BE in ELECTRONICS & COMMUNICATION ENGINEERING, OU COLLEGE OF ENGINEERING / OSMANIA UNIVERSITY with FIRST CLASS WITH DISTINCTION (1990-1994)

Research

Research Projects

- *File carving techniques for image files with missing fragments,* funded by TEQIP-III, JNTUH - 2,94,500 (2019 - 2019)
- *Early detection of diabetic retinopathy using deep representation with binary CNN and data augmentation,* funded by TEQIP-III, JNTUH - 2,89,500/- (2019 - 2019)

Patents

- Dr Venugopal T, *Awarded –" Early detection of Diabetic Retinopathy Using Deep Representations with Binary CNN and Data Augmentation* ,Indian patent, 2021
- Dr Venugopal T, *Published –" Suspected Virtual Hard Disk Creator For File Carving Researches* ,Indian patent, 2021
- Dr Venugopal T, *Awarded –" A generic framework for multi model document image analysis* ,Indian patent, 2020
- Dr Venugopal T, *Awarded –" An effective mechanism using smart belt to prevent school children education* ,Indian patent, 2020
- Dr Venugopal T, *Awarded –" Deep Learning based Leaf Disease detection with Satellite Image Towards Precision Architecture* ,Indian patent, 2020

Books

- Dr. Venugopal Temberveni, *Improved Content-Based Image Retrieval with Multivariate Gaussian Distribution, 397 to 407*, 978-981-13 0514-6_40
- Dr. Venugopal Temberveni, *ADVANCED COMUTING AND PATTERN RECOGNITI*, 97893830381 76
- Dr. Venugopal Temberveni, *Design and Analysis of Algorithms*, BS Publications, 978-93-5230-122-5, 2016

Publications

- International Journals

- ▸ Dr. Venugopal Temberveni, *Testing a file carving tool using realistic datasets generated with openness by a user level file system*, International Journal of Data Analysis Techniques and Strategies (Scopus Journal), Issue No.ISSN: 1755-8069, 2020
- ▸ Dr. Venugopal Temberveni, *Evaluation and Comparison of Hypercube Interconnection Networks Performance*, International Journal of Advanced Science and Technology (Scopus Journal), ISBN No.pp. 6954 - 6962, Vol No.Vol. 29, No. 03, 2020
- ▸ Dr. Venugopal Temberveni, *A SYSTEMATIC REVIEW OF CODE SEARCH AND CLONE DETECTION TECHNIQUES*, JOURNAL OF CRITICAL REVIEWS, ISBN No.ISSN-2394-5125 , Vol No.VOL 7, ISSUE 19, 2020, 2020
- ▸ Dr. Venugopal Temberveni, *The Satisfiability modulo Theory (SMT) in Code analysis*, Zeichen Journal, ISBN No.ISSN No: 0932-4747, 2020
- ▸ Dr. Venugopal Temberveni, *Performance Index - A Metric to Analyze and Evaluate Performance of Hypercube Interconnection Networks*, International Journal of Recent Technology and Engineering (IJRTE) (Scopus Journal), ISBN No.ISSN: 2277-3878, Vol No.Volume-7 Issue-4, November, 2018
- ▸ Dr. Venugopal Temberveni, *Binary Quantized Deep Embedding for Semantic Image Clustering*, International Journal of Pure and Applied Mathematics, ISBN No.1311-8080 , 2018
- ▸ Dr. Venugopal Temberveni, *Product Quantized Deep Embedding for Semantic Image Clustering*, International Journal of Research in Electronics and Computer Engineering, ISBN No.2348-2281 , 2018
- ▸ Dr. Venugopal Temberveni, *Semantic Image Clustering with Global Average Pooled Deep Convolutional Autoencoder*, Helix-The Scientific Explorer, ISBN No.2319-5592 , 2018
- ▸ Dr. Venugopal Temberveni, *Color Based face recognition using template based*, International journal of research, ISBN No.2348-795x , 2018
- ▸ Dr. Venugopal Temberveni, *Efficient Object Recognition using Discriminative Weight Learning*, Int. Journal of Computer Engineering and Technology, ISBN No.0976 6375, May-June, 2017
- ▸ Dr. Venugopal Temberveni, *Video Content Representation with Grammar for Semantic Retrieval*, International Journal of Advanced Research in Computer science and software engineering, ISBN No.2277 - 128X, June, 2017
- ▸ Dr. Venugopal Temberveni, *Object Recognition Using Log-Euclidean Multivariate Gaussian Descriptors*, International Journal of Applied Engineering Research (Scopus Journal), ISBN No.0973-4562 , 2017
- ▸ Dr. Venugopal Temberveni, *Integration of Region Based and Edge detection of Two Level Image Segmentation*, International Journal of Multidisciplinary Educational Research, ISBN No.2277-7881, 2017
- ▸ Dr. Venugopal Temberveni, *An Image Indexing and Region based on Color and Texture*, International Journal on Future Revolution in Computer Science & Communication Engineering, ISBN No.2454-4248 , August, 2017
- ▸ Dr. Venugopal Temberveni, *Skin color based segmentation for multiple face detection*, Journal of innovation in computer science and engineering, ISBN No.2278-0947 , June, 2017
- ▸ Dr. Venugopal Temberveni, *An Improved CBIR Approach Using Low Level Image Features Extraction and Representati*, International Journal of Applied Engineering Research (Scopus Journal), ISBN No.0973-4562, 2017
- ▸ Dr. Venugopal Temberveni, *A Novel Approach for Semantic Image Clustering using Object Relation Network, Patterns of Relevance Feedback and Weight of Features*, International Journal of Applied Engineering Research (Scopus Journal), ISBN No.0973-4562 , 2017
- ▸ Dr. Venugopal Temberveni, *Skin Color Based Segmentation for Multiple Face Detection*, Journal of innovation in Computer Science and Engineering, ISBN No.2278-0947 , 2017
- ▸ Dr. Venugopal Temberveni, *Unconventional Method of Accessing Files An Automated Generation of its Input*, Communications on Applied Electronics (CAE) Foundation of Computer Science FCS, ISBN No.2394-4714 , 2017
- ▸ Dr. Venugopal Temberveni, *A Survey on Brain Tumor Segmentation Methods with the Remedial Approach*, International Journal of Innovative Research in Science, Engineering and Technology, ISBN No.2347-6710 , 2017
- ▸ Dr. Venugopal Temberveni, *A Predetermined Energy Based Efficient Routing Mechanism for MANET*, Advances in Wireless and Mobile Communications, ISBN No.0973-6972 , 2017
- ▸ Dr. Venugopal Temberveni, *HYPERCUBE AND ITS VARIANTS USING NS2*, International Journal of Latest Trends in Engineering and Technology, ISBN No.e-ISSN: 2278-621X, 2016
- ▸ Dr. Venugopal Temberveni, *User Behaviour Analysis of IPTV Channels Using Markov Chain Model*, International Journal of Advances in Engineering Research, ISBN No.2454-1796, July, 2016
- ▸ Dr. Venugopal Temberveni, *Modelling and Analysis of IPTV Usage Patterns for Improving Quality of Service.*, International Journal of Computer Applications, ISBN No.0975 8887, June, 2016
- ▸ Dr. Venugopal Temberveni, *using random lsb steganography and cryptography methods for m-commerce security*, Anveshna International Journal of Research in Engineering and Applied Science, ISBN No.2455-6300, February, 2016
- ▸ Dr. Venugopal Temberveni, *build a framework to optimize m-commerce security*, Anveshna International Journal of Research in Engineering and Applied Science, ISBN No.2455-6300 , June, 2016
- ▸ Dr. Venugopal Temberveni, *A Survey on Mobile Commerce security issues and*, A Survey on Mobile Commerce security issues and, ISBN No.2319 1813, June, 2016
- ▸ Dr. Venugopal Temberveni, *Novel pattern representation based on wavelet transforms*, Anveshanas International Journal of Research in Engineering and Applied Sciences, ISBN No.2455-6300, June, 2016
- ▸ Dr. Venugopal Temberveni, *BNIMS: Block-based Non-Iterative Mean Shift Segmentation algorithm for Medical Images*, International journal of applied engineering research (Scopus Journal), ISBN No.5020-5027 , 2016
- ▸ Dr. Venugopal Temberveni, *Segmentation of Magnetic Resonance Brain Tumor using Integrated Fuzzy K means Clustering*, International journal of compter science and information technology, ISBN No.2016.8104 , February, 2016
- ▸ Dr. Venugopal Temberveni, *A Methodology To Detect Most Effective Compression Technique Based On Time Complexity Cloud Migration For High Image Data Load*, Australian Journal Of Basic And Applied Science, ISBN No.19918178, Sep-19, 2016
- ▸ Dr. Venugopal Temberveni, *Novel Directional Local Difference Binary Patterns (DLDBP) for Image, and Video Indexing and Retrieval*, I.J. Image, Graphics and Signal Processing, ISBN No.2074-9074 , March-7, 2016
- ▸ Dr. Venugopal Temberveni, *Content-Based Video Indexing And Retrieval Using Block Based Center Symmetric Local Binary Patterns (BCSLBP*, International Journal of Computer Engineering and Applications, ISBN No.2321-3469 , Jan, 2016
- ▸ Dr. Venugopal Temberveni, *Content-Based Video Indexing and Retrieval using Key frames Texture, Edge and Motion Features*, International Journal of Current Engineering and Technology, ISBN No.2347 5161 , April, 2016
- ▸ Dr. Venugopal Temberveni, *Particle Swarm Optimization (PSO) Based K-Means Image Segmentation Algorithm*, International Journal of Science and Research, ISBN No.2319-7064 , Jan, 2016
- ▸ Dr. Venugopal Temberveni, *Content Based Video Indexing and Retrieval Using Key Frames Discrete Wavelet Center Symmetric Local Binary Patterns (DWCSLBP)*, International Journal of Computer Science and Information Security, ISBN No.1947-5500 , May, 2016
- ▸ Dr. Venugopal T, *Image Segmentation,A canny Edge Extractor Techniques for iPhone 3GS Architecture*, National Conference Soft Computing Techniques and Applications, 2015
- ▸ Dr. Venugopal T, *Content-Based Cricket Video Shot Classification Using Bag-of-Visual-Features*, International conference ICAIECES 2015 (Scopus Journal), 2015
- ▸ Dr. Venugopal T, *Usage of Hypercube Interconnection Networks in Parallel Computing*, International Conference on Innovations in Computing and Communication, 2015
- ▸ Dr. Venugopal Temberveni, *Replay Frames Classification in a Cricket Video Using Correlation Features and SVM*, European Journal of Applied Sciences (Scopus Journal), ISBN No.2079-2077, 2015
- ▸ Dr. Venugopal Temberveni, *Analysis Of The Effectiveness In Image Compression For Cloud Storage For Various Image Formats*, Journal of Engineering and Applied Sciences (Scopus Journal), ISBN No.1819-6608 , March, 2015
- ▸ Dr. Venugopal Temberveni, *A Framework To Detect Most Efficient Image Compression Technique On Cloud Storage*, International Advanced Research Journal in Science, Engineering and Technology, ISBN No.2394-1588 , Dec, 2015
- ▸ Dr. Venugopal Temberveni, *A Novel Approach using K Split Segmentation for Visual Cryptography*, International Journal of Intelligent Systems Technologies and Applications, ISBN No.1740-8865 , Jan, 2015
- ▸ Dr. Venugopal Temberveni, *Content-Based Video Indexing and Retrieval using Block Based Local Binary Patterns and Pixel Change Ratio Map*, International Journal of Engineering and Technology (Scopus Journal), ISBN No.0975-4024 , 2015
- ▸ Dr. Venugopal Temberveni, *Quantitative Analysis and Segmentation of Metastasis Brain Images using Hybrid Mean Shift Clustering*, International Journal of Science & Technology (Scopus Journal), ISBN No.2321 919X , Dec, 2015
- ▸ Dr. Venugopal Temberveni, *An Analysis of the Properties of Various Interconnection Networks*, International Journal of Advanced Research in Computer Science, ISBN No.ISSN No. 0976-5697, Vol No.Volume 5, No. 4, 2014
- ▸ Dr. Venugopal Temberveni, *A survey and Analysis of the properties of various Interconnection networks*, International Journal of Advanced Research in Computer Science, ISBN No.0976-5697, March, 2014
- ▸ Dr. Venugopal Temberveni, *A Proposed Method to Combining User Subjectivity to an Interactive CBIR for Effective Retrieval of Images using Relevance Feedback*, International Journal of Emerging Technology and Advanced Engineering, ISBN No.2250-2459, April, 2013
- ▸ Dr. Venugopal Temberveni, *A Proposed LogBased Relevance Feedback Technique in CBIR Using Positive and Negative Examples*, International Journal of Advances in Computer, Electrical and Electronics engineering, ISBN No.2248-9584, December, 2013
- ▸ Dr. Venugopal Temberveni, *A soft computing approach to sharpen the image resolution for face recognition*, Int. J. Signal and Imaging Systems Engineering, ISBN No.1748-0701 , 2013
- ▸ Dr. Venugopal Temberveni, *Implementation of Greedy Sequential Unique Path File Carving Algorithm for Fragmented Bitmap Image Files*, International Journal of Computer Applications, ISBN No.0975 8887 , June, 2013
- ▸ Dr. Venugopal Temberveni, *Indexing a Cricket Video using Frame Numbers and Retrieval of Events*, International Journal of Computer Trends and Technology (Scopus Journal), ISBN No.2231- 2803 , 2013
- ▸ Dr. Venugopal Temberveni, *Relevance Feedback for Content Based Image Retrieval Based on Multitexton Histogram and Microstructure Descriptor*, International Journal Publications of Problems & Application in Engineering Research, ISBN No.2230-8547, 2012
- ▸ Dr. Scopus Temberveni, *Mining of colocation patterns from spatial datasets*, International Journal of Computer Applications, ISBN No.0975- 8887 , March, 2012
- ▸ Dr. Venugopal Temberveni, *Active Learning Based Semantic Video Retrieval Using Single Graph*, International Journal of AdvancedResearch in Computer Science, ISBN No.0976-5697 , 2011
- ▸ Dr. Venugopal Temberveni, *Image retrieval using adapted Fourier Descriptors*, Int. J. Signal and Imaging Systems Engineering (Scopus Journal), ISBN No.1748-0701, 2010
- ▸ Dr. Venugopal Temberveni, *Comparative study of edge detection techniques for image segmentation*, Journal of Advances in Computer, Electrical and Electronics engineering, ISBN No.2248-9584, 2010
- ▸ Dr. Venugopal Temberveni, *An Efficient and Fast Shape Based Image Retrieval Using Truncated Fourier Descriptors*, Technology Spectrum, ISBN No.0974- 6854 , 2010
- ▸ Dr. Venugopal Temberveni, *An analysis of the properties of various interconnection networks*, International Journal of Advanced Research in Computer Science, ISBN No.0976- 5697 , 2010
- ▸ Dr. Venugopal Temberveni, *Video Indexing and Retrieval Applications and Challenges*, Oriental Journal of Computer Science and Technology, ISBN No.0974- 6471 , May, 2010
- ▸ Dr. Venugopal Temberveni, *Enhanced load balancing in face recognition system for effective performance of multi cluster*, Journal of Data Engineering and computer science 2010, ISBN No.0975- 8372, July-Dec2009 to Jan-July 2010, 2009
- ▸ Dr. Venugopal Temberveni, *A Novel approach to Shape Based Image Retrieval Integrating Adapted Fourier descriptors and Freeman Code*, IJCSNS, ISBN No.1738- 7906 , June, 2008
- ▸ Dr. Venugopal Temberveni, *A Novel Two Pass Algorithm for Shape based Image Retrieval*, IJCSMR, ISBN No.2278- 733X , 2008
- ▸ Dr. Venugopal Temberveni, *A Two Phase Copyright protection scheme for color images using secret sharing and Discrete wavelet Transform*, International Journal of Applied Cryptography, ISBN No.1753-0571 , 2008
- ▸ Dr. Venugopal T, *Improved Performance in Image Retrieval using Combination of Evidences*, IEEE International Advanced computing conference

International Conference

- Dr. Venugopal T, *Pitch Frames Classification in a Cricket Video Using Bag-of-Visual-Words*, International conference ICAIECES 2015, 2015
- Dr. Venugopal T, *Closed Image Edge Detection Using Enhanced Support Vector Machine*, ICRTCS
- Dr. Venugopal T, *A Survey on Image Clustering Techniques*, International Conference on Advanced Computing
- Dr. Venugopal T, *Enhanced BN Model for Automatic and Interactive Image Segmentation*, ICRACS
- Dr. Venugopal T, *3D Surface Measurement through Easy-snap Phase Shift Fringe Projection*, Springer conference International Conference on Advanced Computing and Intelligent Engineering (Scopus Journal Conference)
- Dr. Venugopal T, *Dynamic split based multi level hierarchical image segmentation method for urban impervious surface mapping using very high resolution*, International Conference on Recent Trent in Computer Science and Engineering
- Dr. Venugopal T, *Improved Performance in Image Retrieval using Combination of Evidences*, IEEE International Advanced computing conference
- Dr. Venugopal T, *A Two Phase Copyright Protection Scheme for Digital Images using Visual Cryptography and Sampling Methods*, International Conference on Electrical, Electronics, and Optimization Techniques
- Dr. Venugopal T, *An Improved Brain Tumor Segmentation Method from MRI Brain Images*, International Conference On Emerging Computation and Information Technologies (Scopus Journal Conference)
- Dr. Venugopal T, *Image Retrieval on Parallel Multicomputers*, ICACT 2008
- Dr. Venugopal T, *A Novel Method for modeling spatial colocation patterns*, International conference on frontiers of computer science
- Dr. Venugopal T, *Automated Generation of a Natural ChallengeFile for File Carving Algorithms*, International Conference on Applied Sciences, Engineering, Technology and Management
- Dr. Venugopal T, *Framework and CDR Parameters for effective image compression Techniques on Cloud Storage*, International Conference on Technical Advancements in Computer Science and Engineering
- Dr. Venugopal T, *A Novel Approach to reduce semantic gap in CBIR using Relevance Feedback: Based on Integration of MSD and MTH Descriptors*, RETCOMP 2013
- Dr. Venugopal T, *Unconventional Method of Accessing Image Files with Missing Header*, International Conference on Recent Innovations in Electrical, Electronics & Communication Engineering
- Dr. Venugopal T, *A Methodology To Detect Most Effective Compression Technique Based On Time Complexity Cloud Migration For High Image Data Load*, International Conference on Communication and Security
- Dr. Venugopal T, *MPC-BLAR:maximal power conserved and battery life aware routing in ad hoc networks*, ICCSEA international conference ,2013
- Dr. Venugopal T, *Comparative Research Findings On Cloud Based Image Storage And Retrieval*, International Conference on Innovations in Information Embedded and Communication Systems
- Dr. Venugopal T, *A Novel Approach To Detect Most Effective Compression Technique Based On Compression Ratio And Time Complexity With High Image Data Load For Cloud Migration*, International Conference on Computational Intelligence & Informatics
- Dr. Venugopal T, *Improved Performance in CBIR using Machine Learning Approach*, International Conference on Control, Power, Communication and Computing Technologies (Scopus Journal Conference)
- Dr. Venugopal T, *Analysis Of The Effectiveness Lossy And Lossless Compression Technique For Cloud Storage*, International Conference on Innovations in Computing and Communication
- Dr. Venugopal T, *Item Ontology to Improve Information Retrieval Performance*, International Conference of Nanoscience, Engineering & Advanced Computing
- Dr. Venugopal T, *Cloud Based Ranking System on Clustered Databases*, International Conference on Innovations in Computing and Communication
- Dr. Venugopal T, *A Novel Approach To Detect Most Effective Compression Technique For Jpeg 2000 With High Image Data Load*, International Conference on Research Advancements in Engineering Sciences and Information Technology
- Dr. Venugopal T, *User Personalization by Click-Through DataStructure for Affective Recommended Web Search*, International Conference of Nanoscience, Engineering & Advanced Computing
- Dr. Venugopal T, *A Power Saving Mechanism through Rebroadcasting Iteration Control in Mobile Ad hoc Network*, 7th International Conference on Cloud Computing, Data Science & Engineering Confluence (Scopus Journal Conference)
- Dr. Venugopal T, *Multilevel and Multiple approaches for Feature Reweighting to Reduce Semantic Gap using Relevance Feedback*, IEEE International Conference on Contemporary Computing and Informatics (Scopus Journal Conference)
- Dr. Venugopal T, *MECAR: Maximal Energy Conserved and Aware Routing in Ad hoc Networks*, Information Systems Design and Intelligent Applications (Scopus Journal Conference)
- Dr. Venugopal T, *Relevance Score and Interval based Feature Reweighting in CBIR to reduce Semantic Gap using Relevance Feedback*, IEEE International Conference on Control, Instrumentation, Communication and Computational Technologies
- Dr. Venugopal T, *A Non-Continuation based Self ReWeighting approach for CBIR to Cut down Semantic Gap using Relevance Feedback*, IEEE International Conference on Circuit, Power and Computing Technologies (Scopus Journal Conference)
- Dr. Venugopal T, *Content Based Image Retrieval Using Intelligent Segmentation Approaches*, International Conference on Emerging Innovations in Engineering and Technology
- Dr. Venugopal T, *A Novel approach to Self Order Feature Reweighting in CBIR to reduce Semantic Gap using Relevance Feedback*, IEEE International Conference on Circuit, Power and Computing Technologies
- Dr. Venugopal T, *Sparse Vector Quantization and Genetic Algorithm Similarity Measure based Image Indexing Technique for CBIR*, International Conference on Applied Sciences, Engineering, Technology and Management
- Dr. Venugopal T, *A Novel approach to Optimize Relevance Feedback in CBIR via Integrating MSD and FRB Function Network*, 2nd International Conference on Innovative Research in Engineering and Technology
- Dr. Venugopal T, *Comparison of properties affecting the performance of Hypercube Interconnection Network*, IEEE International Conference on Electrical, Electronics, Signals, Communication and Optimization (Scopus Journal Conference)
- Dr. Venugopal T, *Face recognition : A template based approach.*, International conference on green computing and internet of things
- Dr. Venugopal T, *Region based Semantic Image Clustering using Positive and Negative Examples*, Lecture Notes in Electrical Engineering
- Dr. Venugopal T, *Region based Semantic Image Retrieval using Ontology*, Lecture Notes in Networks and Systems (Scopus Journal Conference)
- Dr. Venugopal T, *A Novel Approach for Color Image Segmentation Using Iterative Partitioning Mean Shift Clustering Algorithm*, IEEE International Conference on Communication and Signal Processing (Scopus Journal Conference)
- Dr. Venugopal T, *Accelerated Gaussian Mean-Shift using Color Image Segmentation*, International Conference on Advanced Computing Methodologies
- Dr. Venugopal T, *Semantic Image Clustering using Region based on Positive and Negative Exaples*, International Conference on Innovations in Computing and Communication
- Dr. Venugopal T, *Predict Techniques based Image Color Edge detection Algorithm in RGB Color Space*, International Conference on Recent Advances in Computer Sciences
- Dr. Venugopal T, *Dynamic Split Based Multilevel Hierarchical Image Segmentation Method for Urban Impervious Surface Mapping Using Very High Resolution*, International Conference on Recent Trends in Computer Science & Engineering
-

National Conference

- Dr. Venugopal T, *An efficient set of criteria for Performance Evaluation of Multiprocessor Interconnection Networks*, National level Conference ACPR 2014, 2014
- Dr. Venugopal T, *An analysis of the properties of various interconnection networks*, National Conference on Innovations and Advancements in computing IAC 2014, 2014
- Dr. Venugopal T, *A Survey and Analysis of the properties of various Interconnection Networks*, National Conference on Advanced Trends and Challenges in Computer Science and Applications, 2014
- Dr. Venugopal T, *A Study on Video Annotation Tools and Future Necessities*, National Conference on Emerging & Innovative Trends in Computer Science, 2012
- Dr. Venugopal T, *Image Segmentation: A Non-parametric clustering based approach,*, National Conference on Advances in Computing and Networking
- Dr. Venugopal T, *Combination of region Growing and Edge Detection Using Hybrid Image Segmentation Techniques*, 1st National Conference on SHODH-SAMAGAM
- Dr. Venugopal T, *An Efficient Segmentation Algorithm for Fingerprint Image Based on Region Merging*, National Conference on ACEE
- Dr. Venugopal T, *Data Mining : Understanding data and disease modelling*, National Conference on communications, Networking and mobile communications
- Dr. Venugopal T, *Image Segmentation,A canny Edge Extractor Techniques for iPhone 3GS Architecture*, National Conference Soft Computing Techniques and Applications
- Dr. Venugopal T, *An Efficient Segmentation Algorithm for Fingerprint Image Based on Region Merging*, National Conference on ACEE201
- Dr. Venugopal T, *Content Based Image Retrieval*, National conference on advances in Information Security
- Dr. Venugopal T, *Image Segmentation,A canny Edge Extractor Techniques for iPhone 3GS Architecture*, National Conference SCTA-2011
- Dr. Venugopal T, *Image Retrievals Using Improved Zernike moments*, National Conference on Emerging & Innovative Trends in Computer Science
- Dr. Venugopal T, *Performance improvement in Image Retrieval using Dempster- Shafer Theory*, Indian Conference on Computer Vision, Graphics, Image & Video Processing
- Dr. Venugopal T, *A Survey On Power Aware Routing Protocols In Mobile Ad Hoc Networks*, National Conference on computational Intelligence And Applications
- Dr. Venugopal T, *Modified Approach to Shape Representation and Retrieval*, National Conference CCCA-2008
- Dr. Venugopal T, *Classifying Words : A Syllables based Model*, National Conference on Recent Research Advancements in Information Technology
- Dr. Venugopal T, *Content based Image Retrieval by using Wavelet Transform Coefficients Distribution*, National conference on Advanced Computing and Pattern Recognition
- Dr. Venugopal T, *An Adaptive Approach to Extract Texture Feature from an Image in Image Retrieval Process*, National Conference on Advanced Computing and Pattern Recognition
- Dr. Venugopal T, *A Proposed Log-Based Relevance Feedback Technique In CBIR Using Positive And Negative Examples*, National Conference on Image Processing and Applications
- Dr. Venugopal T, *Design and implementation of file carving algorithms in computer forensics.*, National conference on advance computing and networking

- **Adminstrative Positions Held**
- Principal, JNTUH College of Engineering Rajanna Sircilla - Present
- Head of CSE Department, JNTUH College of Engineering , Sultanpur ,Pulkal,Sangareddy, Telangana, India.
- HEAD of CSE Department, JNTUH College of Engineering Jagtial
- Vice-Principal, JNTUH College of Engineering Jagtial
- TPO, JNTUH College of Engineering, Nachupally, Kondagattu
- NSS COORDINATOR, JNTUH College of Engineering, Nachupally, Kondagattu

- ▸ **Project/Research Guidance**

- **Students**

Student Name	Title	Year	Download
K. Shiva Krishna	Diseases Prediction Using Machine Learning In Health Care	2019	
B.NIKHILA	An Improved Decision Table Classifier Mechanism For Web Shopping	2018	
ANDE VAMSHI KRISHNA	Protecting facebook user`s data from malicious applications by using FID Apps systems	2017	
SAFEENA AHMAREEN	Infering user image search goals under implicit guidance of users	2016	
SUDHEER KUMAR BASANI	An exploratory search engine using cloud data base	2015	
N MADHU	digital image water marking	2015	
K HARIKA	Fast nearest neighbour search with keywords	2014	
R.Pallavi Reddy	Image retrieval for aqua marine images	2008	
B. Ramesh Naik	Comparative study on Content based Image Retrieval system using Fourier descriptors, Modified Fourier Descriptors and Zernike movements	2008	
S. Ajay Kumar	Shape Retrieval based on Dynamic Programming	2008	
S SANTHOSH KUMAR	image segmentation, implementation of gaussian mean shift clustering	2008	
Kayiram Kavitha	Simulation of mobility models	2007	
D. Neelima	Regression Testing based on value spectra differences	2007	
Student Name	Title	Year	Download
K.DasaradhaRamaiah	Effective Middleware Framework To Store Image Data On Multi-Cloud Systems	2020	
M. Sunitha	Power Aware Routing in Adhoc Networks	2020	
T.ARCHANA	"A Novel Framework for face Recognition Using Based Template Features with Relevance Feedback"	2020	
B.Ramesh Naik	Novel Algorithms in CBIR Using Discriminative Weight learning and Multi-completed Variate Gaussian Distribution on SIFT	2019	
K. Srinivas	Novel File Carving Techniques For image Files With Corrupted Headers	2019	
K.Morarjee	Efficient Image Clustering Algorithms Using Deep Representations	2019	
Venkateshwar Rao Bolla	Two Phase Copyright Protection scheme for color images using secret sharing and Discrete wavelet transform	2018	
D. KIRAN	Content Based Image Retrieval	2018	
P.L.Srinivasa Murthy	User Behavior Analysis using Finite state Markovion Model for next generation IPTV	2018	
P PEDDA SADHU NAIK	Image Segmentation using Non-Parametric Mean Shift Clustering Algorithms	2017	
Kranthi Kumar K	Enhanced Feature Reweighting techniques to improve CBIR System performance by reducing Semantic Gap	2017	
M Ravindra	Content based Video Retrieval using Novel Binary Patterns of Key-Frames	2017	
Kambham Ammulu	A novel and efficient data classification algorithm using Particle Swarm Intelligence	2017	

Contact :

Dr. T. Venugopal
Computer Science & Engineering

Official Email: dr.tvgopal@gmail.com
Alternate Email: dr.tvgopal@jntuh.ac.in