Areas of Interest:
Computer Networks,
Wireless networks, Â
Communications

- ▸ **Educational & Professional**

- ▸**Academic Qualifications**
  - ▸ Ph.D. in Computer Networks, University of Hyderabad (1998-2004)
- ▸
 M.E. in Digital Systems, Osmania University (1989-1993)
- ▸
 B. Tech. in Electronics and Communication Engineering, KL College of Engineering (Nagarjuna University) (1982-1986)
- ▸ Intermediate in Maths, Physics, Chemistry, Board of Intermediate (1980-1982)
- ▸ SSC in Maths, Physics, Chemistry , Board of Secondary Education (1979-1980)
  - ▸ **Professional Experience**

- ▸ **Teaching Experience**
- ▸ Lecturer, Chaitanya Bharathi Institute of Technology, Hyderabad (10-08-1988 - 1994-09-30)

- ▸ **At JNTUH**
- ▸ Senior Professor, JNTUH College of Engineering, Hyderabad. (2017 - Till Date)
- ▸ Professor, JNTUH College of Engineering, Hyderabad. (2007 - 2017)
- ▸ Associate professor, JNTUH College of Engineering, Hyderabad. (2005 - 2007)
- ▸ Associate professor, JNTUA College of Engineering, Anantapur (2003 - 2005)
- ▸ Asst.professor, JNTUA College of Engineering, Anantapur (1994 - 2003)

- ▸ **Research**

- ▸ **Research Projects**
- ▸ *Improving Crop productivity by Monitoring Pest, Disease and Meteorological Disasters using IoTs,* funded by CSIR- HRDG - 20,000,00/- (sanctioned in 2021 duration of 3 years)
- ▸ *Development of Coal Mine Safety Monitoring and Alerting System using IoTs to mitigate Coal Mine Accidents,* funded by TEQIP-III -CoE - 19,90,000/- (2021 - 2021)
- ▸ *Development of Avalanche Forecasting System using IoTs to Mitigate Avalanche Hazards,* funded by TEQIP-III- CoE - 19,50,000/- (2021 - 2021)
- ▸ *Prediction of Gravelly soil induced Landslides,* funded by TEQIP-III - CoE - 3,00,000/- (2020 - 2021)
- ▸ *Development of Early Warning system for landslide prediction,* funded by RPS- AICTE - 24,70,000/- (2017 - 2020)
- ▸ *Quality of Service in mobile Ad-hoc networks,* funded by UGC - 8,29,000/- (2010 - 2012)

- ▸**Books**
- ▸ D.Srinivasa Rao, *Quality of Service in TCP / IP networks*, Lambert Publications

- ▸ **Publications**

- **International Journals**

- P.P.S.Subhashini, , D.SrinivasaRao, *Harris Hack Optimization based RBF-MFCC Speaker Recognition*, International journal of analytical and experimental modal analysis,, ISBN No.0886-9367 , Vol No.14, Issue No.11, pp.1651-1660, November, 2022

- P S Subhashini Pedalanka, D.Sreenivasa Rao, *Speaker Recognition Using RBF Neural Network with Bacterial Foraging and Adaptive Harris Hack Optimization*, Dickensian Journal , ISBN No.0012-2440, Vol No.Volume-8, Issue No.Issue-11, pp.32-44, August, 2021

- P S Subhashini Pedalanka, D.Sreenivasa Rao, *Triumvirate Features and Adaptive Harris Hawk Optimization based Speaker Recognition using RBFNN*, International Journal of YMER, , ISBN No.0044-0477, Vol No.Volume-20, Issue No.Issue-11, pp.559-570, November, 2021

- P S Subhashini Pedalanka, D.Sreenivasa Rao, , *Mel Frequency Cepstral Coefficients based Bacterial Foraging Optimization with DNN-RBF for Speaker Recognition*, Indian Journal Of Science And Technology , ISBN No.0974-5645, Vol No.Volume-14, Issue No.Issue-41, pp.3082-3092, December, 2021

- P S Subhashini Pedalanka, D.Sreenivasa Rao, *DNN-RBF & AHHO for Speaker Recognition using MFCC*, Journal of Advanced Research in Technology and Management Sciences, , ISBN No.2582-3078, Vol No.Volume-3, Issue No.Issue-2, pp.6-12, April, 2021

- S Ravi Kumar, Dr.D.Sreenivasa Rao, *An optimized energy efficient routing for wireless sensor network using improved spider monkey optimization algorithm*, International Journal of Intelligent Engineering and Systems, ISBN No.2185-310X, Vol No.15, pp.188-197, October , 2021

- S Ravi Kumar, Dr.D.Sreenivasa Rao, *A Comprehensive Survey of Secure And Energy Efficient Routing Protocols And Data Collection Approaches In Wireless Sensor Networks*, International Journal for Science and Advance Research in Technology, ISBN No.2395-1052, Vol No.Volume 7 , Issue No.Issue 12 , pp.244-250, December, 2021

- S Ravi Kumar, Dr.D.Sreenivasa Rao, *A Review on Secured and Energy Efficient Routing Protocols in Wireless Sensor Networks (WSNs)*, IJSART, ISBN No.2395-1052, Vol No.Volume7, Issue No.Issue12, pp.297-304, December, 2021

- S Ravi Kumar, Dr.D.Sreenivasa Rao, *Heterogeneous Wireless Sensor Networks Clustering and Energy Efficient Routing Optimization Algorithm*, IJSART, ISBN No.2395-1052, Vol No.Volume7, Issue No.Issue12, pp.305-308, December, 2021

- S Anuradha , Dr.D.Sreenivasa Rao, *AMOCH-EPSOR â€" A multi-objective CH selection and Enhanced Particle Swarm Optimization for relay selection with Mobile sinks*, Journal of Emerging Technologies and Innovative Research,, ISBN No.2349-5162, Vol No.Volume 8, Issue No.issue 7, pp.21-34, July, 2021

- S Anuradha , Dr.D.Sreenivasa Rao, *NQF â€" IPSO â€" A node quality factor based CH selection & Improved PSO for efficient relay selection*, International Journal of Creative Research Thoughts , ISBN No.2320-2882, Vol No.Volume 9, Issue No.issue 7, , pp.852-861, July, 2021

- S Anuradha , Dr.D.Sreenivasa Rao, *FTDCH-DCPSO â€" A fault tolerant dual CH selection mechanism with delay constrained particle swarm optimization for energy balancing*, Journal of Emerging Technologies and Innovative Research, , ISBN No.2349-5162, Vol No.Volume 8, Issue No.issue 7, pp.920-928, July, 2021

- S Anuradha , Dr.D.Sreenivasa Rao, *ENERGY EFFICIENT DATA AGGREGATION IN WSN: A SURVEY*, Journal of Emerging Technologies and Innovative Research, ISBN No.2349-5162, Vol No.Volume 8, Issue No.issue 7,, pp.300-306, July, 2021

- P S Subhashini Pedalanka, Dr.D.Sreenivasa Rao,, *GFCC based DNN-RBF and Adaptive Harris Hawk Optimization for Speaker Recognition*, Journal of Science Technology and Development, ISBN No.0950-0707, Vol No.Volume-9, Issue No.Issue-2, pp.487-492, February, 2020

- P S Subhashini Pedalanka, Dr.D.Sreenivasa Rao,, *DWT based DNN-RBF and Adaptive Harris Hawk Optimization for Speaker Recognition*, A Journal of Composition Theory, ISBN No.0731-6755, Vol No.Volume-13, Issue No.Issue-5, pp.410-415, May, 2020

- Kollem S., Reddy K.R., Dr.D.Sreenivasa Rao, *Improved partial differential equation-based total variation approach to non-subsampled contourlet transform for medical Image denoising*, Multimedia Tools and Applications, ISBN No.1380-7501, pp.2663-2689, September, 2020

- Kollem S., Reddy K.R.L, Dr.D.Sreenivasa Rao, *An optimized SVM based possibilistic fuzzy c-means clustering algorithm for tumor segmentation*, Multimedia Tools and Applications, ISBN No.1380-7501, pp.409-437, September, 2020

- Kollem S., Reddy K.R.L, Dr.D.Sreenivasa Rao, *Modified transform-based gamma correction for MRImalignant image denoising and tumor segmentation by optimized Histon based elephant herding algorithm*, International Journal of Imaging Systems and Technology, , ISBN No.1098-1098, Vol No.Vol-30, Issue No.Issue - 4, pp.1271-1293, April, 2020

- P.P.S.Subhashini, Dr.D.Sreenivasa Rao, *Acoustic Feature Extraction and Optimized Neural Network Based Classification for Speaker Recognition*, International Journal of Innovative Technology and Exploring Engineering , ISBN No.2278-3075, Vol No.Volume-8 , Issue No.Issue-9, pp.2496, 2505, July, 2019

- Mahesh, D, Dr.D.Sreenivasa Rao, *Performance Evaluation Of Tree Based and Chain Based Routing Protocols in Wireless Sensor Networks*, nternational Journal of Scientific and Engineering Research , ISBN No.2229-5518, Vol No.Volume 10, Issue No.Issue 9, pp.1672-1676, September, 2019

- Ch. Sreenivasa Rao, , Dr.D.Srinivasa Rao, *Service Differentiated Call Admission Control in Next Generation Wireless Networks*, Journal of Theoretical and Applied Information Technology, , ISBN No.1817-3195, Vol No.63, Issue No.1, pp.200-208, may, 2014

- Ch. Sreenivasa Rao, Dr.D.Srinivasa Rao, *Power Control Technique for Efficient Call Admission Control in Advanced Wireless Networks*, International Journal on Computer Science and Engineering , ISBN No.0975-3397., Vol No.4, Issue No.6, pp.962-973, june, 2012

- Ch. Sreenivasa Rao, Dr.D.Srinivasa Rao, *QoS Based Adaptive Admission Controller for Next Generation Wireless Networks*, International Journal of Computer Theory and Engineering , ISBN No.1793-8201, Vol No.3, Issue No.5, pp.684-689, October , 2011

- Ch. Sreenivasa Rao, Dr.D.Srinivasa Rao, *A Dynamic Approach to improve Quality of Service (QoS) in Advanced Wireless Networks*, International Journal of Advances in Soft Computing Technology , ISBN No.2229-3515, Vol No.1, Issue No.2, pp.25-30, July, 2011

- Mrs. Vandana Khare, Dr.D.Sreenivasa Rao, *An Efficient call admission Control with adaptive B.W Allocation scheme for WCDMA network*, International Journal of Advance Research in computer science, ISBN No.0976-5697, Vol No.2, Issue No.1, pp.314-318, February, 2011

- Mrs. Vandana Khare, Dr.D.Sreenivasa Rao, *A QoS based MAC protocol for wireless Ad hoc network*, International Journal of Network Security & Its Applications, ISBN No.0974-9330, Vol No.3, Issue No.2, pp.196-210, March, 2011

- S.P.V. Subba Rao, Dr.D.Sreenivasa Rao, *A Dynamic MAC Protocol with Adaptive Power Control for WCDMA Networks*, International Journal of Distributed and Parallel Systems (IJDPS) , ISBN No.0976-9757, Vol No.2, Issue No.2, pp.105-114, March, 2011

- Mrs. Vandana Khare, Dr.D.Sreenivasa Rao, *Performance Analysis of QoS based Multimedia Real-time Protocol*, International Journal of Computingâ€™â€™, Vol No.1, Issue No.2, pp.216-222, April, 2011

- Humaira Nishat, Dr.D.Sreenivasa Rao, *Performance Evaluation of On Demand Routing Protocols AODV and Modified AODV (R-AODV) in MANETS*, International Journal of Distributed and Parallel Systems , ISBN No.0976-9757, Vol No.2, Issue No.1, january, 2011

- A.Veerabhadra Reddy , Dr.D.Srinivasa Rao, *An Agent Based Approach for End-to-End QoS Guarantees in Multimedia IPnetworks*, International Journal of Computer Science and Information Security , ISBN No.1947-5500, Vol No.8, Issue No.4, pp.188-197, July, 2010

- S.P.V. Subba Rao, Dr.D.Srinivasa Rao, *A Dynamic MAC Protocol for WCDMA Wireless Multimedia Networks*, ACEEE International Journal on Network Security,, ISBN No.2152-5072, Vol No.1, Issue No.3, pp.57-64, December, 2010

- Sake Pothalaiah, Dr.D.Srinivasa Rao, *Performance Evaluation of Node Failure Prediction QoS Routing Protocol (NFPQR) in Ad-Hoc networks*, IJCSA International Journal of Advanced Computer Science and Applications, ISBN No.2156-5570, Vol No.1, Issue No.6, pp.54-59, December, 2010

- Sake Pothalaiah , Dr.D.Srinivasa Rao, *Performance Analysis of Duplicate Address Detection Schemes in DYMO Routing Protocol for MANETs*, Ciit International Journal of Wireless communications, , ISBN No.0974-9640, Vol No.2, Issue No.10, pp.357-361, October , 2010

- Mrs. Vandana Khare, Dr.D.Srinivasa Rao, *D. SreenivasaRao â€œAn advance threshold buffer Allocation scheme*, Signal Processing & Communication (SPCOM2009) , December, 2010

- Humaira Nishat, Dr.D.Srinivasa Rao, *Energy Efficient High Throughput MAC Protocol Analysis for Wireless AD Hoc Networks*, IJCSNS International Journal of Computer Science and Network Security, ISBN No.1738-7906, Vol No.10, Issue No.6, June, 2010

- M. Bheemalingaiah, Dr.D.Srinivasa Rao, *QOS Fault Tolerant Multipath Routing for Mobile Ad Hoc Network*, International Journal of Computer Sciences and Engineering Systems, ISBN No.0973-4406, Vol No.4, Issue No.1, pp.1-12, January , 2010

- M. Bheemalingaiah, Dr.D.Srinivasa Rao, *Power-Aware Node-disjoint Multipath Source Routing with low overhead in MANET*, International Journal of Mobile Network Design and Innovation, ISBN No.1744-2850, Vol No.3, Issue No.1, pp.1-13, 2009

- R.MynuddinSulthani , Dr.D.Srinivasa Rao, *Design of an Efficient QoS Architecture (DEQA) for Mobile Ad hoc Networks*, ICGST International Journal on Computer Networks and Internet research , Vol No.8, Issue No.2, pp.49-57, January , 2009

- M.Bheemalingaih, , Dr.D.Srinivasa Rao, *Energy Aware Clustered Based Multipath Routing in Mobile Ad Hoc Networks*, International Journal of Communications, Network and System Sciences , ISBN No.1913-3723, Vol No.2, Issue No.6, pp.91-168, April, 2009

- Ramana Reddy, Dr.D.Srinivasa Rao, *Robust Digital Watermarking of Color Images under noise attacks*, International Journal of Recent Trends in Engineering, , ISBN No.1797-9167, Vol No.1, Issue No.2, pp.334-338, may, 2009

- S Ravi Kumar, Dr.D.Sreenivasa Rao,, *SRN-LEACH: An Energy Efficient LEACH Protocol with Random Number Stabilization for WSNs*, Journal of Control and Decision , ISBN No.2330-7714

International Conference

- Mohammad Moyeed Ahmed, Dr.D.Srinivasa Rao, *Instrumentation for Measurements of Geotechnical Parameters for Land slide Prediction using Wireless sensor networks*, Springer Sponsored International Conference on Soft Computing and Signal Processing, Vol No.volume 898), pp.437-445, June, 2022
- S Pothalaiah , Dr.D.Srinivasa Rao, *New Hierarchical Stable Election Protocol for Wireless Sensor Networksâ€•*, International Conference on Innovations in Information Embedded and Communication Systems , march, 2019
- G.Narsimhulu, Dr.D.Srinivasa Rao, *Architecture and Survey on Protocol Stack of Wireless Sensor Networks*, International Conference on Electrical, Electronics and Communication Engineering , April, 2018
- Bheemalingaiah, M, Dr.D.Srinivasa Rao, *Performance Analysis of Power -aware Node-disjoint Multipath Source Routing in Mobile Ad Hoc Networks*, International Advance Computing Conference , pp.361-371, January , 2017
- S.Pothalaiah, Dr.D.Srinivasa Rao, *Micro-Clustered Hierarchical Stable Election Protocol for Wireless Sensor Networks*, International Conference on Innovations in Information Embedded and Communication Systems , pp.17-18, march, 2016
- M.Moyed Ahmed , Dr. D. Sreenivasa Rao , *Real-time Monitoring of Partially Stable Slopes for Landslide Prediction by using Wireless Sensor Networks*, International conference on Innovations in Information Embedded and Communication Systems, pp.17-18, march, 2016
- M.Vijayalakshmi, Dr.D.Srinivasa Rao, *Energy Aware Multicast clustering(EAMC) with increased quality of service in MANETSâ€•*, International Conference on Applied and Theoretical Computing and Communication Technology , ISBN No.978-1-5090-2399-8 , July, 2016
- Mohammed Moyed Ahmed, Dr.D.Srinivasa Rao, *Hybrid MAC Protocol with Adaptive TDMA Timeslot Assignment for WSN*, International Conference on Communications, Signal Processing, Computing and Information Technologies , pp.18-19, December, 2015
- Mrs. Vandana Khare, Dr.D.Srinivasa Rao, *Novel Connection Admission Control in WCDMA networks*, International conference on Communication, Signal processing ,Computing & Information Technologies , December, 2014
- S Pothalaiah , Dr.D.Srinivasa Rao, *Neighbor Coverage Based Probabilistic Rebroadcast for Reducing Routing Overhead in MANETs*, ICRTEECC, December, 2014
- PPS Subhashini, Dr.D.Srinivasa Rao, *Hand written Digit Recognition with MLP using Neural Network by using Backpropagation training algorithm*, International Conference on "Navigational systems & signal processing applications , 2013
- S.P.V. Subba Rao, Dr.D.Srinivasa Rao, *HCEEDMAC Protocol for Wireless Multimedia Networks*, International Conference on Smart Structures & Systems , march, 2013
- S Pothalaiah , Dr.D.Srinivasa Rao, *QOS provisioning in MANETs for Multimedia Application*, International conference (ICRAMA 2013, pp.21-23, November, 2013
- P.Ramadevi , Dr.D.Srinivasa Rao, *Hybrid QoS Aware Multipath Routing Protocol for Mobile ad hoc Networks*, International conference on Recent Advances in Science & Engineering, pp.94-99, October , 2012
- P. Ramadevi , Dr.D.Srinivasa Rao, *QoS Aware Multipath Routing Protocol for Mobile Adhoc Networks*, International conference on Recent Trends in Electrical and Electronic Communication Engineering , pp.29-30, 2012
- Ch. Sreenivasa Rao, Dr.D.Srinivasa Rao, *Review of Call Admission Control Schemes in Wireless Networks*, International Conference on Computing, Communications, Systems and Aeronautics , ISBN No.: 978-81-921580-8-2, march, 2012
- Humaira Nishat, Dr.D.Srinivasa Rao, *A Source Oriented Energy Efficient Dynamic Route Discovery Mechanism for Mobile Ad Hoc Networks*, International Conference on Recent Trends in Information Technology and Computer Science, December, 2012
- Mrs. Vandana Khare, Dr.D.Srinivasa Rao, *A Proactive QoS Routing Protocol for wireless Ad-hoc network*, IEEE International conference on Computational Intelligence & Computing Research, 2011
- Mrs. D. Sylvia, Dr.D.Srinivasa Rao, *Power Control Protocol for Peer â€" to â€" Peer Networks*, International Conference on 4G Wireless Computer Networks, march, 2011
- Ch. Sreenivasa Rao, Dr.D.Srinivasa Rao, *Comparative Analysis on Quality of Service (Qos) Mechanisms in IEEE 802.11 Wireless Local Area Networks*, International Conference on Systemics, Cybernetics and Informatics , January , 2011
- P.Ramadevi , Dr.D.Srinivasa Rao, *Adaptive Resource Utilization for QoS in Multilevel Services for Wireless communication*, International Conference on Computational Vision & Robotics , pp.214-219, August, 2010
- Mrs. Vandana Khare, Dr.D.Srinivasa Rao, *Quality of service oriented multimedia protocol for wireless Ad-hoc network*, International conference on Mobile & Internet Devices, 2010
- A.Vani , Dr.D.Srinivasa Rao, *Security in wireless Adhoc networksâ€•*, International conference on Network security at Chennai, January , 2007
- M. Bheemalingaiah, Dr.D.Srinivasa Rao, *Research challenges in Mobile Adhoc Networks*, International Conference Mobile, Ubiquitous & Pervasive computing , December, 2006
- M.Bheemalingaiah, Dr.D.Srinivasa Rao, *Selfâ€"organized power aware public key management of mobile ad hoc networksâ€•*, Asia Pacific Conference on Parallel and Distributed Technologies , pp.871-888, December, 2005
- Dr. K.C. Reddy , Dr.D.Srinivasa Rao, *Adaptive Algorithm for providing flow protection in the Internet,*, 10th International conference on Telecommunications , march, 2003
- Dr. K.C. Reddy, Dr.D.Srinivasa Rao, *Round Robin Scheduling with Random Early Detection for providing Flow protection in the Internet*, International conference on Emerging technologies , December, 200
- SyedaKausar Fatima, Dr.D.Srinivasa Rao, *Multipath Trust Detection Routing In MANET*, Second International Conference on Recent Innovations in Engineering and Technology , ISBN No.978-93-86647-85-6, pp.34-41
- SyedaKausar Fatima, Dr.D.Srinivasa Rao, *A Trusted Secure Clustered Attack Detection in MANET*, International Conference on Advancements and Innovations in Engineering, Technology & Management , ISBN No.978-93-85101-91-5, pp.211-216
- M. Bheemalingaiah, Dr.D.Srinivasa Rao, *Survey of Routing Protocols, Simulation Tools and Mobility Models in Mobile Ad Hoc Networks*, International Conference on Internet of Things and Wireless Sensor Networks, pp.204-213
- S.Jagadeesh, Dr.D.Srinivasa Rao, *Motion Estimation using winner update strategy,*, First International conference on Signal and Image processing
- M. Venkatesh P, Dr.D.Srinivasa Rao, *Object recognition using wavelet â€" Hilbert Morphological SK Election transform*, International conference on Signal and Image processing organized by IEEE Bangalore section
- V.Sreenivasulu, Dr.D.Srinivasa Rao, *Device Driver for PCI based Ethernet controller card RTL 8139C*, International Conference (PICA-2006) on recent trends in Automation and its adaptation to industries

National Conference

- Mohammed Moyed Ahmed, Dr.D.Srinivasa Rao, *Performance Evaluation of AQM in Ad hoc Wireless Networks*, National Conference on Computer Networks &Information Security , march, 2015
- S Pothalaiah , Dr.D.Srinivasa Rao, *Enhancement of Clustering Protocol for Wireless Sensor Networks*, NCCNIS, march, 2015
- S Pothalaiah , Dr.D.Srinivasa Rao, *Efficient power management in MANETsâ€•*, SPCOM-SD, January , 2014
- Mrs.Vandana Khare, Dr.D.Srinivasa Rao, *An Effective Routing with QoS for wireless Ad-hoc networks*, National conference on computing communication and Instrumentation, December, 2012
- Humaira Nishat, Dr.D.Srinivasa Rao, *Efficient Channel Utilization and Energy Saving Approach in Wireless Ad Hoc Networks*, National Conference on Electronics & Communication [MVP-NCEC-2010, march, 2010
- Ch. Sreenivasa Rao, Dr.D.Srinivasa Rao, *A Survay of Quality of Service (Qos) Mechanisms in IEEE 802.11 Wireless Local Area Networks*, National Conference on Recent Trends in Communication Technologies and VLSI Design (RTCTV, June, 2010
- Humaira Nishat, Dr.D.Srinivasa Rao, *Power Controlled MAC Protocol Analysis in Wireless Ad Hoc Networksâ€•*, National Conference on Signal Processing and Communications [SPCOM -2009], , December, 2009
- M. Eswar Reddy, Dr.D.Srinivasa Rao, *Implementation of multi wavelet transform coding for image compression*, National Conference on signal processing and communications at Jawaharlal Nehru National College of Engg., Shimoga , July, 2006
- B. Venkata Ramana, P. , Dr.D.Srinivasa Rao, *Real time face recognition using eigenface approach*, National Conference on Radat Technology and Signal Processing techniques at SVU Thirupathi , July, 2006
- K. Sreenivasa Rao, Dr.D.Srinivasa Rao, *A combined algorithm of Cryptography and Stegnography to enhance network security*, National Conference on emerging trends in Electronics and Communication , march, 2006
- M. Ravi Kumar, Dr.D.Srinivasa Rao, *Optimization of Route Discovery for Reactive Routing in wireless Adhoc Networks*, National Conference NCWMC-2006 , February, 2006
- Dr. K.C. Reddy,, Dr.D.Srinivasa Rao, *Edge dropping for providing better than best-effort service in the Internet*, National Conference on Communications 2003, Feb-2003, IIT, MADRAS., February, 2003
- Dr. K.C. Reddy, Dr.D.Srinivasa Rao, *Simulation of Congestion Control and Avoidance Algorithms For TCP/IP Networks*, National Conference on Communications, January 25-27, 2002, January , 2002
- Dr. K.C. Reddy, Dr.D.Srinivasa Rao, *Simulation of shortest path and minimum Hop Routing Algorithms.*, National Conference On Advanced Computing (NCAC-2001), , February, 2001
- Dr. K.C. Reddy, Dr.D.Srinivasa Rao, *Simulation of Distributed Adaptive Routing Algorithms*, National Conference on Advanced Computing (NCAC-2001),February 2-3, 2001, pp.261-261, February, 2001
- Dr. K.C. Reddy, Dr.D.Srinivasa Rao, *Simulation Based Study of Adaptive RED Algorithm*, National Systems Conference,13-15, December 2001, December, 2001
- Dr. K.C. Reddy, Dr.D.Srinivasa Rao, *Congestion Control And Avoidance In Computer Networks*, National Systems Conference,13-15, December 2001, December, 2001
- Dr. K.C. Reddy,, Dr.D.Srinivasa Rao, *Simulation of congestion control Algorithms In ATM Networks*, All India Seminar on Recent Trends In Computer Communication Networks, November, 2001
- **Events Participated/Organized**

Organized

- Organized a Workshop on Smart Technologies and Emerging Trends, JNTUH CEH ECE Dept, 22-02-2016 to 26-02-2016
- Organized a Workshop on One Week Workshop on Wireless Sensor Networks and Its Applications, JNTUH CEH ECE Dept, 04-07-2015 to 09-07-2015
- Organized a Workshop on Two Day National Level workshop Simulation of wireless using NS2, JNTUH CEH ECE Dept, 04-07-2014 to 05-07-2014
- Organized a Workshop on Two Day National Level workshop Simulation of wireless Networks, JNTUH CEH ECE Dept, 15-04-2013 to 16-04-2013

Participated

- Participated in a Conference on *Power, control.Signals & Instrumentation Engineering (ICPCSI)-2017*, Saveetha Engineering college Chennai, 21-09-2017 to 22-09-2017
- Participated in a Conference on *Sharing of Innovative Ideas and Achievements of Centers of Excellence*, MHRD, NPIU Delhi, 21-04-2016 to 23-04-2016
- Participated in a Conference on *Techno Fest and Cultural Symposium*, St. Maryâ€•s Group, Hyderabad, 22-09-2015 to 23-09-2015
- Participated in a Conference on *Electrical, Electronica and Computer Engineering ICEECE-Chennai*, I Raj Research Forum, 26-07-2015 to 27-07-2015
- Participated in a Conference on *International Journal of Engineering Research & Technology*, ICESMART-2015, 30-03-2015
- Participated in a Conference on *Computer Nerworks & Information Security (NCCNIS-2015)*, Vasavi College of Engineering, Hyderabad, 04-03-2015 to 05-03-2015
- Participated in a Conference on *Robotics and Mechatronics NCRAM-2014*, Directorate of Innovative Technologies, JNTUH, Hyderabad, 12-03-2014 to 13-03-2014
- Participated in a Conference on *Recent Advances in Design, Development and Operation of Micro Air Vehicles ICRAMAV â€" 2013*, JNTUHCEH, 21-11-2013 to 23-11-2013
- Participated in a Conference on *Innovation in Electronics and Communication Engineering (ICIECE-2013)*, Guru Nanak Institute of Technology, Hyderabad, 09-08-2013 to 10-08-2013
- Participated in a FDP on *Management Development Programme*, Indian Institute of Management Kozhikode, 11-03-2013 to 22-03-2013
- Participated in a Conference on *Electrical, Electronics and Data Communication (ICEEDC)*, (ICEEDC), Hyderabad, 18-11-2012 to
- Participated in a Conference on *Advances in Science and Engineering ICRASE 2012*, Taj Deccan, Hyderabad, 30-10-2012 to 31-10-2012
- Participated in a Workshop on *Professional Development Programme*, Engineering Staff College of India, 23-01-2012 to 25-01-2012
- Participated in a Conference on *Systemics, Cybernetics and Informatics (ICSCI)-2011*, Taramati Baradari Culture Complex, Ibrahimbagh Gandipet Road, Hyderabad, 05-01-2011 to 08-01-2011
- Participated in a Workshop on *Cellular & Wireless Technologies*, JNTU College of Engineering,Hyderabad, Keshav Memorial Institute of Technology, Hyderabad, 29-07-2008 to 31-07-2008
- Participated in a Workshop on *Telecommunication and Information Technology*, Falcon Electro-Tek Pvt.LTD. Mumbai, 13-12-2007 to

- **Adminstrative Positions Held**
- Director Academic Audit cell, JNTUH University, 23 Jun 2021 - Present
- TEQIP_ Coordinator, JNTUH College of Engineering Hyderabad, 03 Mar 2015 - 30 Jun 2018
- Board of Studies Chairperson, JNTUH College of Engineering Hyderabad, 01 Nov 2014 - 29 Oct 2016
- Head of ECE Dept. JNTUH Hyderabad, JNTUH College of Engineering Hyderabad, 27 Sep 2012 - 29 Oct 2014

- ‣ **Project/Research Guidance**

- **Students**

Student Name	Title	Year	Download
Srilaksmi Aouthu,	Microstrip Antenna Arrays and EBG Ground Structured Antennas for Wide Band Applications	2023	
S. Ravi Kumar	Adaptive Location Aided Efficient and Secured Routing Protocol in MANETs	2023	
Syed ali	Energy Efficient and Secure Routing in Wireless Sensor Networks	2023	
Gorre Narsimhulu	Secure Energy And Congestion Aware Adaptive Location Aided Routing In Manets	2023	
Mrs.S.Anuradha	Energy Efficient and QoS Aware Cluster Head Selection Strategies for Wireless Sensor Networks	2023	
Mrs.Subhashini	Speaker Recognition using Machine Learning Algorithms	2023	
Mr. Venkata Naga Raja Siva Kumar Boddupalli	Investigations on Lower Limb Exoskeletons for Prosthetic and Rehabilitation Applications	2023	
M.Vijaya Lakshmi	Multicast Routing Protocol for Quality of Service (QoS) Improvement in Adhoc Wireless Networks	2020	
Syeda Kausar Fatima	A New Secure Clustering Approach for MANETs based on Multi-Hops and Network Mobility	2019	
M.Bheemalingaiah	Efficient multi path routing protocols to provide better quality of Service in Mobile Ad hoc networks	2019	
Mohammed moyed Ahmed	Energy efficient strategies to improve Life time of Heterogeneous wireless Sensor Networks	2018	
Vandana khare	QoS optimization for real time multimedia traffic in WCDMA networks	2017	
P. Ramadevi	Efficient Routing in Ad Hoc Wireless Networks	2016	
Sake pothalaiah	Energy Efficient routing protocol for Ad Hoc and Wireless Sensor Netwoks	2016	
A.Veera bhadrareddy	Providing QoS Guarantees in IP Networks	2016	
Humaira Nishat	Source Based Energy Efficient Dynamic Route Discovery Protocol for Mobile Ad hoc Networks	2014	
S P V Subbarao	Development of MAC protocol with adaptive Power control and Call admission control for wireless multimedia networks	2014	
Chappidi Sreenivasa Rao	Service Differentiated Admission control for quality of service (QoS) Improvements for wireless networks	2014	
A Vani	Secured Routing Protocol to defend against multiple attacks in MANETs	2012	
P Ramana Reddy	Performance evaluation of certain imperceptible image watermarking techniques for colour image in wavelets domain	2009	

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