**RESUME**

**Dr. D. Srinivasa Rao**

**B.Tech, M.E( O.U),Ph.D, (HCU)**

**Senior Professor, Department of Electronics and Communication Engineering**

**& Director U AAC, JNTUH, Kukatpally, Hyderabad – 500 085.**

**Educational Qualifications**:

|  |  |  |  |
| --- | --- | --- | --- |
| **Qualification** | **Board/ University** | **Year** | **Specialization** |
| Ph.D. | University of Hyderabad | 2004 | Computer Networks |
| M.E. | Osmania University | 1994 | Digital Systems |
| B. Tech. | Nagarjuna University | 1986 | Electronics and Communication Engineering |
| Intermediate | Board of Intermediate | 1982 | Maths, Physics, Chemistry |
| SSC | Board of Secondary Education | 1980 | Maths, Physics, Chemistry |

**Academic Experience**:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No** | **Name of the Institution** | **Designation** | **From** | **To** |
| 1 | JNTUH College of Engineering, Hyderabad. | Senior Professor | 17-3-2017 | Till date |
|  | JNTUH College of Engineering, Hyderabad | Professor | 17-03-07 | 16-3-2017 |
| 2 | JNTUH College of Engineering, Hyderabad. | Associate  professor | 01-06-2005 | 15-03-07 |
| 3. | JNTUA College of Engineering, Anantapur | Associate  professor | 01-06-2003 | 31-05-05 |
| 4. | JNTUA College of Engineering, Anantapur | Asst.professor | 03-10-1994 | 31-05-03 |
| 5. | Chaitanya Bharathi Institute of Technology, Hyderabad | Lecturer | 10-08-1988 | 30-09-1994 |

**Areas of Specialization**

Computer Networks, Wireless Sensor Networks,

**Academic Activities**

**Publications 173**

|  |  |
| --- | --- |
| * International Journals | * **120** |
| * International Conferences | * **34** |
| * National Conferences | * **19** |
| * Patents Filed | * **01** (published) |

* No. of Short term / Refresher Courses/seminars / Workshops attended : 19
* Workshops/conferences organized : 06
* No. of Ph.Ds Guided: : ( 13 Completed + 4 Thesis Submitted) = 17
* No of Ph.Ds Guiding : 05
* No of PG projects guided : 65
* No of UG projects guided : 52
* **Books Published :** Authored one Book published by Lambert Publications

**Title**: Quality of Service in TCP / IP networks

* Board of studies Member for various universities, autonomous, constituent and Affiliated colleges of JNTUH and other universities
* Governing Body Member for various affiliated / autonomous colleges of JNTUH   
   and other universities
* Resource person in various FDPs , workshops organized by Universities, autonomous, constituent and Affiliated colleges of JNTUH and other universities
* Chaired a session at various conferences organized by universities, autonomous, constituent and affiliated colleges of JNTUH and other universities
* Project Review Committee Chairperson for Conducting PG Project Reviews
* Mentor for UG students

**Research Projects completed / On-going**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S.No** | **Title of the project** | **Funding Agency** | **Duration of the project** | **Fund allocated** | **Status** |
|  | Quality of Service in mobile Ad-hoc networks | UGC | 2yrs  2010-2012 | Rs 8,29,000/- | Completed |
|  | Development of Early Warning system for landslide prediction | RPS-  AICTE | 3 years  September 2017- September 2020 | Rs 24,70,000/- | Completed |
|  | Prediction of Gravelly soil induced Landslides | TEQIP-III - CoE | 6 months  October 2020 to March 2021 | Rs 3,00,000/- | Completed |
|  | Development of Avalanche Forecasting System using IoTs to Mitigate Avalanche Hazards | TEQIP-III- CoE | 6 months  January 2021 to June 2021 | Rs 19,50,000/- | Completed |
|  | Development of Coal Mine Safety Monitoring and Alerting System using IoTs to mitigate Coal Mine Accidents | TEQIP-III -CoE | 6 months  January 2021 to  June 2021 | Rs 19,90,000/- | Completed |
|  | Improving Crop productivity by Monitoring Pest, Disease and Meteorological Disasters using IoTs | CSIR- HRDG | 3 years  February 202  to February 2024 | Rs 20,000,00/- | On-going |

**Ph.D. Guided**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S.No** | **Name of the Scholar** | **Roll No.** | **Title of the Thesis** | **Name of the University** | **Awarded Year** |
|  | P Ramana Reddy | 0500PH0808 | Performance evaluation of certain imperceptible image watermarking techniques for color image in wavelets domain | JNTUA | 2009 |
|  | A Vani | 05PHD0406 | Secured Routing Protocol to defend against multiple attacks in MANETs | JNTUA | 2012 |
|  | Humaira Nishat | 0703PH0828 | Source Based Energy Efficient Dynamic Route Discovery Protocol for Mobile Ad hoc Networks | JNTUH | 2014 |
|  | S P V Subbarao | 0603PH0828 | Development of MAC protocol with adaptive Power control and Call admission control for wireless multimedia networks | JNTUH | 2014 |
|  | Chappidi Sreenivasa Rao | 0703PH0828 | Service Differentiated Admission control for quality of service (QoS) Improvements for wireless networks | JNTUH | 2014 |
|  | P. Ramadevi | 0703PH0829 | Efficient Routing in Ad Hoc Wireless Networks | JNTUH | 2016 |
|  | Sake pothalaiah | 1103PH0844 | Energy Efficient routing protocol for Ad Hoc and Wireless Sensor Netwoks | JNTUH | 2016 |
|  | A.Veera bhadrareddy | 0500PH0804 | Providing QoS Guarantees in IP Networks | JNTUA | 2016 |
|  | Vandana khare | 1003PH0852 | QoS optimization for real time multimedia traffic in WCDMA networks | JNTUH | 2017 |
|  | Mohammed moyed Ahmed | 1303PH0801 | Energy efficient strategies to improve Life time of Heterogeneous wireless Sensor Networks | JNTUH | 2018 |
|  | Syeda Kausar Fatima | 1103PH0866 | A New Secure Clustering Approach for MANETs based on Multi-Hops and Network Mobility | JNTUH | 2019 |
|  | M.Bheemalingaiah | 0500PH0601 | Efficient multi path routing protocols to provide better quality of Service in Mobile Ad hoc networks | JNTUA | 2019 |
|  | M.Vijaya Lakshmi | 0703PH848 | Multicast Routing Protocol for Quality of Service (QoS) Improvement in Adhoc Wireless Networks | JNTUH | 2020 |
|  | Srilaksmi Aouthu, | 0603PH0860 | Microstrip Antenna Arrays and EBG Ground Structured Antennas for Wide Band Applications | JNTUH | Thesis Submitted  March 2022 |
|  | S. Ravi Kumar | 0803PH08A25 | Adaptive Location Aided Efficient and Secured Routing Protocol in MANETs | JNTUH | Thesis submitted  May 2022 |
|  | Syed ali | 1003PH0843 | Energy Efficient and Secure Routing in Wireless Sensor Networks | JNTUH | Submitted  June 2022 |
|  | Gorre Narsimhulu | 1103PH0846 | Secure Energy And Congestion Aware Adaptive Location Aided Routing In Manets | JNTUH | Thesis submitted  July 2022 |
|  | Mrs.S.Anuradha | 1203PH0880 | Energy Efficient and QoS Aware Cluster Head Selection Strategies for  Wireless Sensor Networks | JNTUH | Thesis submitted  in October2022 |
|  | Mrs.Subhashini | 1203PH0859 | Speaker Recognition using  Machine Learning Algorithms | JNTUH | Thesis submitted  in December 2022 |

**Administrative Experience:**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No** | **Institution** | **From** | **To** |
| 1 | Head of ECE Dept. JNTUH Hyderabad | 27-9-2012 | 29-10-2014 |
| 2 | BoS Chair | 1-11-2014 | 29-10-2016 |
| 3 | Coordinator, TEQIP | 03-03-2015 | 30-06-2018 |
| 4 | Director Academic Audit cell, JNTUH University | 23-06-2021 | Till Date |

**PUBLICATIONS:**

**International**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl.**  **No.** | **Title with page nos.** | **Journal name with month & Year of publications** | **ISSN / ISBN No.** | **Whether peer reviewed Impact Factor, if any** | **H-Indexed** | **Whether published by International or National or State level publisher** | **Sl. No. of the UGC Ref. Journal** |
|  | P.P.S.Subhashini, Dr.M.SatyaSairam, Dr. D.SrinivasaRao, “Harris Hack Optimization based RBF-MFCC Speaker Recognition” page nos. 1651-1660. | International journal of analytical and experimental modal analysis, (Volume-14 Issue-11, November 2022). | ISSN: 0886-9367 | 6.3 | 14 | International | UGC CARE - Scopus |
|  | P S Subhashini Pedalanka, Dr.M.Satya Sai Ram, Dr. D.Sreenivasa Rao, a paper entitled “Speaker Recognition Using RBF Neural Network with Bacterial Foraging and Adaptive Harris Hack Optimization” page nos. 32-44 | Dickensian Journal (Volume-8, Issue-11, August 2021). | ISSN: 0012-2440 | 0.02 | 4 | International | UGC CARE - Scopus |
|  | P S Subhashini Pedalanka, Dr.M.Satya Sai Ram, Dr. D.Sreenivasa Rao, a paper entitled “Triumvirate Features and Adaptive Harris Hawk Optimization based Speaker Recognition using RBFNN” page nos.559-570. | International Journal of YMER, (Volume-20, Issue-11, November 2021). | ISSN: 0044-0477 | 5.7 | 5 | International | UGC CARE - Scopus |
|  | P S Subhashini Pedalanka, Dr.M.Satya Sai Ram, Dr. D.Sreenivasa Rao, a paper entitled “Mel Frequency Cepstral Coefficients based Bacterial Foraging Optimization with DNN-RBF for Speaker Recognition” page nos.3082-3092. | Indian Journal Of Science And Technology (Volume-14, Issue-41, December 2021). | ISSN: 0974-5645 | 0.113 | 47 |  | UGC CARE – Scopus & WoS |
|  | P S Subhashini Pedalanka, Dr.M.Satya Sai Ram, Dr. D.Sreenivasa Rao, a paper entitled “DNN-RBF & AHHO for Speaker Recognition using MFCC” page nos.6-12. | Journal of Advanced Research in Technology and Management Sciences, (Volume-3, Issue-2, April 2021). | ISSN: 2582-3078 | 2.14 | 22 |  | -- |
|  | S Ravi Kumar, Dr.D.Sreenivasa Rao, “An optimized energy efficient routing for wireless sensor network using improved spider monkey optimization algorithm” Page No. 188-197. | International Journal of Intelligent Engineering and Systems, (IJIES-Vol.15, No.1 Oct – 2021) | 2185-310X | 1.46 | 18 | International | UGC CARE - Scopus |
|  | 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”Page No. 244-250 | International Journal for Science and Advance Research in Technology(IJSART - Volume 7 Issue 12 – DEC. 2021) | 2395-1052 | 6.224 | -- | International | UGC - 63479 |
|  | S Ravi Kumar, Dr.D.Sreenivasa Rao, “ SRN-LEACH: An Energy Efficient LEACH Protocol with Random Number Stabilization for WSNs” Page nos.\_\_\_\_\_\_\_\_ | Journal of Control and Decision | 2330-7714 | 3.952 | 16 |  | UGC CARE - Scopus |
|  | S Ravi Kumar, Dr.D.Sreenivasa Rao, “A Review on Secured and Energy Efficient Routing Protocols in Wireless Sensor Networks (WSNs)” Page No.297-304 | IJSART (Volume7, Issue12, December 2021) | 2395-1052 | 6.224 | -- | International | UGC - 63479 |
|  | S Ravi Kumar, Dr.D.Sreenivasa Rao, “Heterogeneous Wireless Sensor Networks Clustering and Energy Efficient Routing Optimization Algorithm” Page No.305-308 | IJSART (Volume7, Issue12, December 2021) | 2395-1052 | 6.224 | -- | International | UGC - 63479 |
|  | S Anuradha and Dr. D Sreenivasa Rao, AMOCH-EPSOR – A multi-objective CH selection and Enhanced Particle Swarm Optimization for relay selection with Mobile sinks, Journal of Emerging Technologies and Innovative Research,  Page No.21-34 | JETIR,Volume 8, issue 7, July 2021. | 2349-5162 | 7.95 | -- | International | UGC-63975 |
|  | S Anuradha and Dr. D Sreenivasa Rao, NQF – IPSO – A node quality factor based CH selection & Improved PSO for efficient relay selection, Page nos.852-861 | International Journal of Creative Research Thoughts (IJCRT),Volume 9, issue 7, July 2021. | 2320-2882 | 7.97 | -- | International | UGC-49023 |
|  | S Anuradha and Dr. D Sreenivasa Rao, FTDCH-DCPSO – A fault tolerant dual CH selection mechanism with delay constrained particle swarm optimization for energy balancing, Page nos. 920-928 | Journal of Emerging Technologies and Innovative Research, (JETIR),Volume 8, issue 7,july 2021. | 2349-5162 | 7.95 | -- | International | UGC-63975 |
|  | S Anuradha and Dr. D Sreenivasa Rao “ENERGY EFFICIENT DATA AGGREGATION IN WSN: A SURVEY, Page nos.300-306 | Journal of Emerging Technologies and Innovative Research, (JETIR),Volume 8, issue 7, July 2021 | 2349-5162 | 7.95 | -- | International | UGC-63975 |
|  | P S Subhashini Pedalanka, Dr.M.Satya Sai Ram, Dr. D.Sreenivasa Rao, a paper entitled “GFCC based DNN-RBF and Adaptive Harris Hawk Optimization for Speaker Recognition”, page nos. 487-492 | Journal of Science Technology and Development, (Volume-9, Issue-2, February 2020) | ISSN: 0950-0707 | 6.1 | 15 |  | UGC CARE - Scopus |
|  | P S Subhashini Pedalanka, Dr.M.Satya Sai Ram, Dr. D.Sreenivasa Rao, a paper entitled “DWT based DNN-RBF and Adaptive Harris Hawk Optimization for Speaker Recognition”, page nos.410-415. | JAC: A Journal of Composition Theory, (Volume-13, Issue-5, May 2020) | ISSN: 0731-6755 | 5.3 | 15 |  | UGC CARE – Scopus |
|  | “Kollem S., Reddy K.R.L,. Dr D Sreenivasa Rao, “Improved partial differential equation-based total variation approach to non-subsampled contourlet transform for medical Image denoising” Page nos.2663-2689 | Multimedia Tools and Applications, DOI:<https://doi.org/10.1007/> s11042-020-09745-1, September 2020 | 1380-7501 | 3.158 | 80 |  | UGC CARE - Scopus |
|  | “Kollem S., Reddy K.R.L, Dr D Sreenivasa Rao,., “An optimized SVM based possibilistic fuzzy c-means clustering algorithm for tumor segmentation” Page nos.409-437 | Multimedia Tools and Applications, DOI: <https://doi.org/10.1007/> s11042-020-09675-y, September 2020 | 1380-7501 | 3.158 | 80 |  | UGC CARE - Scopus |
|  | “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, Page nos.1271-1293 | International Journal of Imaging Systems and Technology, https://doi.org/10.1002/ima. 22429, Vol-30, Issue - 4, April -2020 | 1098-1098 | 2.884 | 49 | International | UGC CARE - Scopus |
|  | P.P.S.Subhashini, Dr.M.SatyaSairam, Dr. D.SrinivasaRao, a paper entitled “Acoustic Feature Extraction and Optimized Neural Network Based Classification for Speaker Recognition” page nos.2496-2505 | International Journal of Innovative Technology and Exploring Engineering (IJITEE) (Volume-8 Issue-9, July 2019) | ISSN: 2278-3075, | 0.546 | 40 | International | UGC CARE - Scopus |
|  | Mahesh, D. Sreenivasa Rao Performance Evaluation Of Tree Based and Chain Based Routing Protocols in Wireless Sensor Networks, Page nos.1672-1676 | International Journal of Scientific and Engineering Research (IJSER), Volume 10, Issue 9,September 2019. | 2229-5518 | 3.8 | -- | International | -- |
|  | D.Srinivasa Rao, Kadari Rasagnya Performance Evaluation Of Enhanced Energy Efficient Multipath Routing Protocol In Wireless Sensor Networks”  Page nos.17-26 | International Journal of Engineering and Science Invention (IJESI), Vol No 08 Issue No. 11, November 2019 | 2319-6734 | 5.962 | -- | International | UGC-43302 |
|  | P.S.Subhashini, M.SatyaSairam, D.Sreenivasa Rao - Hu Moments Based Gesture Recognition using Back Propagation Neural Networks | International Journal of Research Volume VIII, Issue IV, April-2019 | 2236-6124 | 3.541 | -- | International | UGC-63072 |
|  | S Anuradha and D Sreenivasarao “A Network Coded Mobile Agent Based Energy Efficient Data Gathering Scheme for Heterogeneous Wsns, Page nos.2362-2367 | International Journal of Recent Technology and Engineering (IJRTE), Volume 8, issue 1, May 2019 | 2277-3878 | 0.675 | 23 | International | UGC CARE - Scopus |
|  | S Anuradha and D Sreenivasarao “An Energy Efficient Data Aggregation Technique Using Multi-Sink Infrastructure in Heterogeneous Wireless Sensor Network – Page nos.2389-2394 | International Journal of Innovative Technology and Exploring Engineering, (IJITEE), Volume 8, issue 8,June 2019 | 2278-3075 | 0.546 | 40 | International | UGC CARE - Scopus |
|  | S Anuradha and D Sreenivasarao “Efficient Priority Based Scheduling Scheme with Multi Sink Infrastructure in HeterogeneousWireless Sensor Networks ”, Page nos.354-360 | Journal of Emerging Technologies and Innovative Research (JETIR), Volume 6, Issue 12, December 2019. | 2349-5162 | 7.95 | -- | International | UGC-63975 |
|  | Kollem, S., Reddy K. R. L., & Rao, D Sreenivasarao “Denoising and segmentation of MR images using fourth-order non‐linear adaptive PDE and new convergent clustering, Page nos.195-209 | International Journal of Imaging Systems and Technology, Volume – 29, Issue – 3, Nov 2019 | 1098-1098 | 2.884 | 49 | International | UGC CARE - Scopus |
|  | Kollem, S., Reddy K. R. L., & Rao, D Sreenivasarao “A Review of Image Denoising and Segmentation Methods Based on Medical Images. International, Page nos. 288-295 | Journal of Machine Learning and Computing, Volume-9, Issue-3, June 2019 | 2010-3700 | 0.243 | 15 | International | UGC CARE - Scopus |
|  | Kollem, S., Reddy, K. R. L., & Rao, D Sreenivasarao “Image Denoising by using Modified SGHP Algorithm, Page nos.971-978 | International Journal of Electrical and Computer Engineering, Volume – 8, Issue -2, Nov 2018 | 2088-8708 | 1.938 | 26 | International | UGC CARE - Scopus |
|  | S Anuradha and D Sreenivasarao “A Survey On Energy Aware Routing in WSN”, Page nos.388-393 | Journal of Emerging Technologies and Innovative Research(JETIR), Volume 5, Issue 6 , June 2018, | 2349-5162 | 7.95 | -- | International | UGC-63975 |
|  | S Anuradha and D.Sreenivasarao “EEOCMR: An Energy Efficient Optimal Clustered Based Multi-hop Routing protocol for WSN” Page nos.441-448 | Journal of Emerging Technologies and Innovative Research(JETIR), Volume 5, Issue 6 , June 2018,. | 2349-5162 | 7.95 | -- | International | UGC-63975 |
|  | S Anuradha and D.Sreenivasarao “Energy –Efficient Expected Transmission count protocol for WSN”, Page nos.300-306 | Journal of Emerging Technologies and Innovative Research(JETIR), Volume 5, Issue 6 , July 2018, | 2349-5162 | 7.95 | -- | International | UGC-63975 |
|  | G.Narsimhulu, Dr.D.Srinivasa Rao, “Qos and Energy Aware Routing Protocol for Real Time and Non Real Time Applications In Wireless Sensor Networks, Page nos.187-197 | “International Journal of Scientific Research and Review, Volume7, Issue6-June 2018 | 2279-543X | 6.1 | -- | International | UGC-64650 |
|  | G.Narsimhulu, Dr.D.Srinivasa Rao, “Architecture and Survey on Protocol Stack of Wireless Sensor Networks”, Page nos. | International Journal of Innovations & Advancement in Computer sciences(JIACS),Volume7-Issue 4, April 2018 | 2347-8616 | -- | -- | International | UGC-47464 |
|  | Mohammed Moyed Ahmed, Dr. D. Sreenivasa Rao "Stable Heterogeneous Energy Efficient Protocol with Optimum Clustering (SHEEP-OC) For in Wireless Sensor Network" Page nos.71-78 | International Journal of Emerging Technologies in Engineering Research(IJETER), Website: www.ijeter.everscience.org Volume 6, Issue 3, March 2018. | 2454-6410 | 0.546 | -- | International | UGC-44955 |
|  | Mohammed Moyed Ahmed, Dr. D. Sreenivasa Rao "SHEEP-OC with adaptive sensing; An Energy Efficient data gathering scheme in WSNs" Page nos.384-388 | International Journal of Research in Electronics and Computer Engineering (IJRECE), Website: www.ijetae.com, Volume 6, Issue 1, March 2018). | 2393-9028 | 5.185 | -- | International | UGC-44816 |
|  | Mohammed Moyed Ahmed, Dr. D. Sreenivasa Rao "Stable Heterogeneous Energy Efficient Cluster Based Protocol (SHEEP) For Application-Specific WSNs" Page nos.250-257 | International Journal of Emerging Technology and Advanced Engineering, Website: www.ijetae.com (ISO 9001:2008 Certified Journal, Volume 8, Issue 1, January 2018). | 2250-2459 | 7.127 | -- | International | UGC CARE - Scopus |
|  | M.Vijayalakshmi, Dr.D.SreenivasaRao,QoS Aware Multicasting using the enhanced differential evolution cuckoo search routing protocol in MANET", Page nos.215-224 | International Journal of Mobile Network Design and Innovation (IJMNDI), Volume – 8, Issue – 4, Oct.,2017. | 1744-2869 | 0.409 | 11 | International | UGC CARE - Scopus |
|  | M.Vijayalakshmi, Dr.D.Sreenivasa Rao, “Cluster Based Multicast Adhoc on Demand Routing Protocol for Increasing Link Stability in Manets” | Global Journal of Computer Science and Technology, (GJCST), Volume 17, Issue 2, April 2017. | 0975-4172 | 0.352 | - |  | -- |
|  | M.Vijayalakshmi, Dr.D.Sreenivasa Rao, “Quality of Service StabilityBased Multicast Routing Protocol For Manets”, Page nos.1-13 | Computer Science & Engineering: An International Journal (CSEIJ), Vol.7, No.1, February 2017. | 2231-329X | -- | 17 | International | -- |
|  | SyedaKausar Fatima, Dr. Syed Abdul Sattar, Dr. D. SrinivasaRao, “Attack Resistance Dynamic Detection and Data Trust Routing in MANET”, Page nos.19-25 | Communications on Applied Electronics, Volume 7 – No.3, June 2017 | 2394-4714 | 0.3 | 7 | International | UGC-63961 |
|  | SyedaKausar Fatima, Dr. Syed Abdul Sattar, Dr. D. SrinivasaRao, “Trust Enhanced Dynamic Routing For MANET”, Page nos. 25-36 | International Journal of Advanced Research in Engineering and Technology, Volume 8, Issue 3, May - June 2017 | 0976-6499 | -- | -- | International | UGC CARE - Scopus |
|  | Mrs. Vandana Khare, Y. MadhaveeLatha and D. SreenivasaRao “Adaptive Power control for Quality of service improvement in WCDMA Wireless Networks’’ Page nos.1779-1783 | IJAER vol. 12 No 8June 2017 | 0973-4562 | -- | 44 | International | UGC CARE - Scopus |
|  | Mrs. Vandana Khare, Y. MadhaveeLatha and D. SreenivasaRao “Dynamic Resource Allocation for Power Constraint in WCDMA wireless networks’’ I-manager’, Page nos. 15-19. | Journal on Wireless Communication Networks vol. 5 No. 4 Jan-March 2017 | 2320-2351 | 0.433 | -- | -- | -- |
|  | SyedaKausar Fatima, Dr. Syed Abdul Sattar, Dr. D. SrinivasaRao, “Trusted and Secured Clustered Protocol in MANET”, Page nos.14-20 | International Journal of Computer Applications (IJCA),Volume 153, Issue -4, November 2016. | 0975-8887 | -- | -- | International | -- |
|  | M. Bheemalingaiah, M. M. Naidu, D. Sreenivasa Rao and P.Vishvapathi,” Performance Analysis of QOS Aware Fault Tolerant Multipath Routing Protocol in Mobile Ad Hoc Networks”, UGC approved and ISO 9001: 2008 Certified., Page nos.154-174 | International Journal of Advanced Research in Computer Science and Software Engineering, Volume 6, Issue 10, October 2016. | 2277- 128X | 0.987 | -- | International | -- |
|  | M. Bheemalingaiah, M. M. Naidu, D. Sreenivasa Rao and P.Vishvapathi,”Energy Aware On-Demand Multipath Routing Protocol in Mobile Ad Hoc Networks”, Page nos.14-31 | International Journal of Computer Networks and Wireless Communications (IJCNWC), Vol .6, No 5, Sep-October 2016. | 2250-3501 | -- | -- | International | UGC-63076 |
|  | M. Bheemalingaiah, C. Venkataiah, K. Vinay Kumar, M. M. Naidu and D. Sreenivasa Rao,” Survey of Energy Aware On-demand Multipath Routing Protocols in Mobile Ad Hoc Networks, UGC approved and ISO 9001: 2008 Certified, Page nos.212-222. | International Journal of Advanced Research in Computer Science and Software Engineering, Volume 6, Issue 4,April 2016., | 2277- 128X | -- | -- | International | -- |
|  | M.Vijayalakshmi, Dr.D.Sreenivasa Rao, “ Efficient Multicast Routing Protocol for Manets”, Page nos.56-61 | International Journal of Computer Networks and Wireless Communications (IJCNWC),Vol.6, No 6, Nov-Dec 2016. | 2250-3501 | -- | -- | International | UGC-63076 |
|  | Mrs. Vandana Khare, Y. MadhaveeLatha and D. SreenivasaRao “An Efficient Resource Allocation with Adaptive Rate Scheduling For WCDMA networks’’ Page nos. 77- 81. | IOSR Journal of Computer Engineering, Vol 18 No 2 March-April 2016. | 2278-0661 | 3.712 | -- |  | -- |
|  | SyedaKausar Fatima, Dr. Syed Abdul Sattar, Dr. D. SrinivasaRao, “Secure Cluster Based Architecture for MANET with Threshold Signature and Certificate Revocation”, Page nos. 22747-22764 | International Journal of Applied Engineering Research, Research India Publications, Volume 10, Number 9 (2015) | 0973-4562 | -- | 44 | International | UGC CARE - Scopus |
|  | M.Vijayalakshmi, Dr. D.Sreenivasa Rao, “Performance Evaluation Of On Demand Routing Protocols Based On QoS Metrics In Mobile Ad-hoc Networks”, Page nos.75-77 | International Journal of Industrial Electronics and Electrical Engineering (IJIEEE), Volume-3, Issue-9, Sept.-2015, | 2347-6982 | 3.2 | -- | International | -- |
|  | Mrs. Vandana Khare, Y. MadhaveeLatha and D. SreenivasaRao “Throughput Enhancement for Better QoS in WCDMA networks’’ Page nos.14-16 | The International Journal of Computer Applications Vol 110,Issue 16, January 2015. | 0975-8887 | -- | -- | International | -- |
|  | M.Vijayalakshmi, Dr.D.Sreenivasa Rao, A Comparative analysis on Multicast routing protocols in Mobile Ad-hoc networks: MAODV, ODMRP, PUMA &AM Route”, Page nos:347-349. | GJRA, Vol-4, Issue-8, Aug-2015 , | 2277 – 8160 | 5.956 | -- | -- | -- |
|  | M.Vijayalakshmi, Dr. D.Sreenivasa Rao, “Quality of Service Optimization of Multicast Routing Protocols in Mobile Ad-Hoc Networks: AM Route, PUMA and ODMRP”, P:10-14 | IJCA, Volume 130 – No.1, Nov-2015, | 0975-8887 | -- | -- | International | -- |
|  | Mohammed Moyed Ahmed, Dr. D. Sreenivasa Rao “Energy Modelling and Optimization of Application-Specific Wireless Sensor Networks”, | IJAIR, Vol.4 Issue 6, June 2015. |  | -- | -- | International | -- |
|  | Mohammed Moyed Ahmed, Dr. D. Sreenivasa Rao “Multi-point Real-time Threshold based Monitoring System of Soil Parameters using Wireless Sensor Networks: A Real-world deployment ”. | IJEA, Vol. No 4, Issue12, 2015 | 2320-0804 | -- | -- |  |  |
|  | SyedaKausar Fatima, Dr. Syed Abdul Sattar, Dr. D. SrinivasaRao, “Secure Cluster Based Approach For MANETS ”, International Journal of Electronics And Communication Engineering & Technology Page nos. 75-79 ©IAEME | IJECET, Volume 5, Issue 6, June (2014), | 0976-6472 | 0.05 | -- | International | -- |
|  | P.Ramadevi and D.Srinivasa Rao,” Hybrid QoS-aware Multi-path Routing protocol Using Intelligent Caching in Mobile Ad Hoc Networks”, Page nos. 55-66. | ACEEE International Journal on Network Security [IJNS] ,Vol.6, Issue 2, April 2014 | 2152-5072 | -- | -- | International | -- |
|  | Mohammed Moyed Ahmed, Dr. D. Sreenivasa Rao “Performance Evaluation of Band-Based Directional Broadcast (BBDB) Algorithm in Wireless Sensor Networks”. | IJEA, Vol. No 3, Issue12, 2014 | 2320-0804 | -- | -- | International | -- |
|  | Mrs. Vandana Khare, Y. MadhaveeLatha and D. SreenivasaRao “QoS Based Resource Allocation for WCDMA network’’ pp. 19-26, | The International Journal of Computer Science & Applications Vol 3, Issue 1, September 2014, | 2278-1080 | -- | -- | International | -- |
|  | Mrs. Vandana Khare, Y.MadhaveeLatha and D .SreenivasaRao“Quality of Service Improvement for W-CDMA Scheme’’ Page nos.1504-1510 | International Journal of Advanced Computing Vol 47 ,Issue 2 ,September 2014 | 2051-0845 | 2.25 | -- | International | -- |
|  | Mrs. Vandana Khare, Y.MadhaveeLatha and D .SreenivasaRao “Congestion avoidance using DSRM for WCDMA network” Page nos.42-47. | International Journal of Emerging Trends in Technology (IJETT) Vol 9, Issue 12 , March 2014. | 2231-5381. | 0.787 | -- | International | UGC CARE - Scopus |
|  | S Pothalaiah and D Sreenivas rao “Multi Level Hierarchy Stable Election Protocol for Wireless Sensor Networks” Page nos. | International Journal of Engineering Associates (IJEA), Vol. No. 3 & Issue No.11 Nov 2014. | 2320-0804 | -- | -- | International | -- |
|  | S Pothalaiah and D Sreenivas rao “Performance Evaluation of Energy Efficient Routing Protocol for Wireless Sensor Network” Page nos. | [International Journal of Advanced and Innovative Research](http://ijair.jctjournals.com/index.html) (IJAIR) Vol. 3, Issue No. 11, Nov 2014. |  | -- | -- | International | -- |
|  | S Pothalaiah and D Sreenivas rao “Performance evaluation of DSR, FSR and LAR routing protocol in MANETs” | [International Journal of Advanced and Innovative Research](http://ijair.jctjournals.com/index.html) (IJAIR), Vol. 2, Issue No. 6, June 2013. | 2394-7780 | -- | -- | International | (UGC-63571) |
|  | Bheemalingaiah, G. S. G. N Anjanelu , M. M. Naidu and D. Sreenivasa Rao, “Novel Approach for Secure Communication of Digital Signature using on- Demand Multipath Routing for Enhancing Network Security in Wireless Mobile Ad Hoc Networks”, ISO 9001:2008 Certified and UGC approved, Page nos.323-339 | International Journal of Emerging Technology and Advanced Engineering, , Volume 3, Issue 9, September 2013 | 2250-2459 | 7.127 | -- | International | UGC CARE - Scopus |
|  | Mrs. Vandana Khare, Y.MadhaveeLatha and D .SreenivasaRao “Active Queuing Mechanism for WCDMA networks”, Page nos.42-47 | International Journal of Computer Science & Information Security (IJCSIS) Vol 11, Issue 10 ,Oct 2013. | 1947-5500 | 0.702 | -- |  |  |
|  | Mrs. Vandana Khare, Y. MadhaveeLatha and D. SreenivasaRao“Performance evaluation of Routing Protocol for WCDMA network”, pp. 219-222, | International Journal of Advanced Research in Computer Science , Vol 4, Issue 10 , Sep 2013 | 0976-5697 | 7.146 | -- | International | UGC-2503 |
|  | Mrs. Vandana Khare, Y.MadhaveeLatha and D.SreenivasaRao “Comparative Analysis of Queuing Mechanism for WCDMA networks”, Page nos. 240-242, | International Journal of Emerging Trends & Technology in Computer Science (IJETTCS) Vol 2, Issue 1, March-April 2013 | 2278-6856 | 10.349 | -- | International | UGC-48939 |
|  | Mrs. Vandana Khare, Y.MadhaveeLatha and D.SreenivasaRao “A Survey on WCDMA Scheme For better QoS in wireless networks”, Page nos.1840-1844 | International Journal of Computer Science & Management Research” ,Vol 02, Issue 3 ,March 2013. | 2278-733X | 0.734 | -- | International | UGC-48903 |
|  | Mrs. Vandana Khare, Y.MadhaveeLatha and D.SreenivasaRao “Congestion Control Mechanism for WCDMA based wireless networks”, Page nos.247-254 | International Research Journal of Computer Science Engineering and Applications Vol 2, Issue 1, Jan 2013, | 2319-8672 | -- | -- | International |  |
|  | Mrs. Vandana Khare, Y.MadhaveeLatha and D.SreenivasaRao “Reliable Congestion Control Mechanism”. | For Wireless Communication on Signal processing & communication (SPCOM2013) 3rd& 4th Jan 2013.MRECW, Hyderabad (A.P). |  | -- | -- |  |  |
|  | P.Ramadevi and D.Srinivasa Rao ,“QoS Aware Multipath Routing Protocol for Mobile ad hoc Networks”, Page nos.591-596. | International Journal of Electronic and Electric Engineering (IJEEE), Vol.5,No.7,2012 [special issue] | 0974-2174 | -- | -- | International | -- |
|  | P.Ramadevi and D.Srinivasa Rao, “Hybrid QoS Aware Multipath Routing Protocol for Mobile ad hoc Networks” Page nos. 94-99. | International Journal of systems ,Algorithms & Applications (IJSAA), [special issue] Vol.2 ,Issue ICRASE 12, Nov.2012 | 2272-2677 | -- | -- | International | -- |
|  | P.Ramadevi and D.Srinivasa Rao, “Qos Enhanced Hybrid Multipath Routing Protocol for Mobile ad hoc Networks”, Page nos. 89-105. | International Journal of Distributed and Parallel Systems(IJDPS),Vol.3,No.6 ,Nov.2012 | 0976-9757 | -- | 30 | International | -- |
|  | P.Ramadevi and D.Srinivasa Rao, “Congestion Adaptive Hybrid Multi-path Routing Protocol for Load Balancing in Mobile Ad hoc Networks”, Page nos. 11-19. | International Journal of Computer Science and Telecommunications (IJCST),Vol.3,Issue 12 Dec. - 2012 | 2047-3338 | 0.765 | -- | International | -- |
|  | Mrs. Vandana Khare, Y.MadhaveeLatha and D.SreenivasaRao“Design & Implementation of a Multicast real-time Multimedia Protocol over H.245”, Page nos. 13-19. | International journal on computing, communications & systems” Vol 1 ,Issue 1, March –Sep 2012, | 2277-6699 | -- | -- | International | -- |
|  | Humaira Nishat, Dr. D. Sreenivasa Rao, “Energy Efficient Dynamic Route Discovery Protocol for Mobile Ad Hoc Networks”, Page nos.44-47. | International Journal of Computer Applications (IJCA), Vol 56, No.7, Oct 2012 | 0975-8887 | -- | -- | International | -- |
|  | Humaira Nishat, Dr. D. Sreenivasa Rao, “A New Dynamic Route Discovery Mechanism for Mobile Ad Hoc Networks”, Page nos.17-20. | International Journal of Computer Applications and Information Technology (IJCAIT), Vol.1, Issue III, Nov 2012, | 2278-7720 | -- | -- | International | -- |
|  | Dr.D.Sreenivasa Rao , S.P.V.Subba Rao, Dr.S. Venkata Chalam, S.Pothalaiah “Performance analysis of MAC protocols for wireless multimedia networks” Page nos.7-12 | Int. J. Eng, CST, 2012, V01-02, IJECST | Jul - Aug 2012 | 2277 - 9337 | -- | -- | International | -- |
|  | A.Veerabhadra Reddy and Dr. D. Sreenivasa Rao, “ Hybrid FEC/MDC Based Loss Recovery in Multimedia IP Networks”, Page nos. 244-250. | International Journal of Computer Theory and Engineering (IJCTE), Vol.4;No.2, April 2012, | 1793-8201 | -- | -- | International | UGC-47658 |
|  | A.Veerabhadra Reddy and Dr. D. Sreenivasa Rao, “ A QoS centric layered transmission topology for multimedia data in wireless cellular networks” | International Journal of Scientific & Engineering Research (IJSER), Volume 3, Issue :10, Oct’2012. | 2229-5518 | 3.8 | -- | International | -- |
|  | A.Veerabhadra Reddy and Dr. D. Sreenivasa Rao, “ Multilevel Downlink relay Queue aware and loss recovery scheduling for media transmission in Wireless Cellular Networks”, Page nos.1-7. | Global Journal of Computer Science and Technology: E,( GJCST) Network, Web Security, Vol. 12; Issue.13, Version 1.0 | 0975-4172 | 0.352 | -- | International | -- |
|  | Dr. D. Sreenivasa Rao, O Sindhura Reddy and Sake Pothalaiah “Quality of service improvement in Femto based Cellular Networks” | Global Journal of Computer Science and Technology: E,( GJCST) Network, Web Security, Vol. 12; Issue.13, Version 1.0 | 0975-4172 | 0.352 | -- | International | -- |
|  | S.P.V. Subba Rao, Dr. S. Venkata Chalam, Dr. D. Sreenivasa Rao “Design of dynamic MAC protocol for wireless multimedia networks” Page nos.69-82 | International Journal of Wireless and Mobile Networks, Vol. 4, N0. 1, Feb 2012 | 0975-3834 | -- | 32 | International | -- |
|  | S.P.V. Subba Rao. Dr. S. Venkata Chalam, Dr. D. Sreenivasa Rao and S.Pothalaiah “A Dynamic MAC Protocol with Adaptive Power Control and Call Admission Control for WCDMA Wireless Networks” Page nos.2989-2994 | IJAER, Vol. 6 No 18, 2011 | 0973-4562 | -- | 44 | International | UGC CARE - Scopus |
|  | Dr. D. Sreenivasa Rao, Joobyann Thomas, Sake Pothalaiah “QoS through Power Control in MANETs using AODV Protocol, Page nos.23-29 | International Journal of Computer Applications” Volume 31 No. 9, Oct 2011 | 0975-8887 | -- | -- | International | -- |
|  | S.P.V. Subba Rao, Dr. S. Venkata Chalam, Dr. D. Sreenivasa Rao “Performance analysis of call admission control algorithm for wireless multimedia networks” | Global Journal of Computer Science and Technology,( GJCST) Network, Web Security, Vol. 11; Issue.08, Version 1.0 | 0975-4172 | 0.352 | -- | International | -- |
|  | Ch. Sreenivasa Rao, Dr. K. Chennakeshava Reddy, Dr. D. Sreenivasa Rao “A dynamic approach to improve quality of services(QoS) in advanced wireless networks” | International Journal of Advances in Soft Computing Technology, vol 1, issue 2, July-Dec 2011 | 2229-3515 | 4.756 | -- | International | -- |
|  | S.P.V. Subba Rao, Dr. S. Venkata Chalam, Dr. D. Sreenivasa Rao “QOS provisioning through Adaptive power control in Wireless Multimedia Networks using Dynamic MAC protocol” Page nos.10-17 | [Res Computeria](http://www.assobp.org/Computeria) Scientia publication ,Volume 2 no 6 Nov-Dec 2011 | 2230-9454 | -- | -- | International | -- |
|  | S.P.V. Subba Rao, Dr. S. Venkata Chalam, Dr. D. Sreenivasa Rao A Survey on MAC protocols for wireless multimedia networks. Page nos.57-74 | International Journal of Computer Science & Engineering Survey (IJCSES) Vol.2, No.4, November 2011 | 0976-2760 | -- | 32 | International | -- |
|  | Dr. D. Sreenivasa Rao , S.Pothalaish& S.P.V. Subba Rao, “A WCDMA Scheduling based Dynamic MAC protocol with QOS provisioning for Wireless Multimedia Networks” Page nos.317-322 | Global Journal of Computer Application and Technology: ( GJCAT) Volume 1 no 3 July 2011 | 2249-1945 | -- | -- |  | -- |
|  | Vandana khare Dr. D. SrinivasRao Dr. Y. MadhaveeLatha “A QoS Based MAC Protocol For Wireless Ad-hoc Network” Page nos.196-210 | International Journal of Network Security & Its Applications (IJNSA), Vol.3, No.2, March 2011 | 0975-9330 | -- | 42 | International | -- |
|  | Vandana khare, Y.MadhaviLatha, Dr. D. Sreenivasa Rao “Congestion free Mechanism for multimedia services in Distributed wireless network” Page nos.19-24 | International Journal of Advanced Computing (IJAC), Vol.3, No.1, January 2011. | 0975-7686 | -- | -- | International | -- |
|  | S.P.V. Subba Rao, Dr. S. Venkata Chalam, Dr. D. Sreenivasa Rao “A Novel Call Admission Control algorithm for Wireless Multimedia networks” Page nos.17-21 | [Res Computeria](http://www.assobp.org/Computeria) Scientia publication ,Volume 2, issue 2, Mar-Arpil 2011 | 2230-9454 | -- | -- | International | -- |
|  | Vandana Khare, Y Madhavi Latha Dr D Srinivas rao “Performance Analysis of QoS Based Multimedia Real-time Protocol” | IFRSA’s International Journal Of Computing,Vol1,issue 2, April 2011 | 2230-9039 | -- | -- | International | UGC-63547 |
|  | Humaira Nishat, Dr. D. Sreenivasa Rao, “Modified Minimum Maximum Battery Cost Routing Protocol for Mobile Ad Hoc Networks”, Page nos. 356-360. | International Journal of Mobile and Ad Hoc Network(IJMAN),Vol.1 Issue 3, Nov 2011, |  | -- | -- | International | -- |
|  | Humaira Nishat, Dr. D. Sreenivasa Rao, “Energy Efficient Routing Protocols for Mobile Ad Hoc Networks”, Page nos. 1-4 | International Journal of Computer Applications (IJCA),Vol.26 No.2, July 2011, | 0975-8887 | -- | -- | International | -- |
|  | Humaira Nishat, Dr. D. Sreenivasa Rao, “Energy Aware QoS On-Demand Routing Protocols for Manets”, Page nos. 12-17. | International Journal of Computer Applications (IJCA), Vol.23, No.8, June 2011, | 0975-8887 | -- | -- | International | -- |
|  | Humaira Nishat, Vamsi Krishna K, Dr. D.Srinivasa Rao, Shakeel Ahmed “Performance Evaluation of On Demand Routing Protocols AODV and Modified AODV (R-AODV) in MANETS”, Page nos. | International Journal of Distributed and Parallel Systems (IJDPS) Vol.2, No.1, January 2011 | 0976-9757 | -- | 30 | International | -- |
|  | Mrs. Vandana Khare, Y.MadhaveeLatha and D.SreenivasaRao “Performance Analysis of QoS based Multimedia Real-time Protocol” Page nos. 216-222 | International Journal of Computing’’, Vol1, Issue 2, April 2011. | -- | -- | -- | International |  |
|  | S.P.V. Subba Rao, Dr. S. Venkata Chalam, Dr. D. Sreenivasa Rao “A Dynamic MAC Protocol with Adaptive Power  Control for WCDMA Networks” Page nos.105-114 | International Journal of Distributed and Parallel Systems (IJDPS) Vol.2, No.2, March 2011 | 0976-9757 | -- | 30 | International | -- |
|  | Mrs. Vandana Khare, Y.MadhaveeLatha and D.SreenivasaRao “A QoS based MAC protocol for wireless Ad hoc network”, Page nos.196-210. | International Journal of Network Security & Its Applications, Vol 3, Issue 2, March 2011. | 0974-9330 | -- | 42 | International | UGC-64541 |
|  | Mrs. Vandana Khare, Y. MadhaveeLatha and D.SreenivasaRao “An Efficient call admission Control with adaptive B.W Allocation scheme for WCDMA network”, Page nos.314-318, | International Journal of Advance Research in computer science, Vol 02, Issue 1, Feb 2011. | 0976-5697 | 7.146 | -- | International | UGC-2503 |
|  | M. Bheemalingaiah, M. M. Naidu, D. Sreenivasa Rao and G.Varaprasad”, QOS Fault Tolerant Multipath Routing for Mobile Ad Hoc Network, Page nos.1-12. | International Journal of Computer Sciences and Engineering Systems, Vol. 4, No. 1, January 2010, UGC approved | 0973-4406 | -- | -- | International |  |
|  | Humaira Nishat, Shakeel Ahmed, 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, Vol.10 No.6, June 2010. | 1738-7906 | -- | -- | International | UGC Care - WOS |
|  | Mrs. Vandana Khare, Y. MadhaveeLatha& D. SreenivasaRao “An advance threshold buffer Allocation scheme” | Signal Processing & Communication (SPCOM2009) 23rd& 24th Dec 2010.MRCET, Hyderabad (A.P). | -- | -- | -- | -- | -- |
|  | Dr. D. Srinivasa Rao, Sake Pothalaiah “Performance Analysis of Duplicate Address Detection Schemes in DYMO Routing Protocol for MANETs “ Page nos.357-361 | Ciit International Journal of Wireless communications, Vol.2, No.10, October 2010. | 0974-9640 | 0.572 | -- | International | -- |
|  | Dr. D. Srinivasa Rao, Sake Pothalaiah “Performance Evaluation of Node Failure Prediction QoS Routing Protocol (NFPQR) in Ad-Hoc networks” Page nos.54-59 | IJCSA International Journal of Advanced Computer Science and Applications, Vol.1 No.6, December 2010. | 2156-5570 | 1.16 | 23 | International | UGC CARE - Scopus |
|  | S.P.V. Subba Rao, Dr. S. Venkata Chalam, Dr. D. Srinivasa Rao “A Dynamic MAC Protocol for WCDMA Wireless Multimedia Networks” Page nos.57-64 | ACEEE International Journal on Network Security, Vol.01, No.3, December 2010. | 2152-5072 | -- | -- | International | -- |
|  | A.Veerabhadra Reddy and Dr. D. Sreenivasa Rao, “An Agent Based Approach for End-to-End QoS Guarantees in Multimedia IPnetworks” Page nos.188-197 | International Journal of Computer Science and Information Security (IJCSIS) Vol.8;No.4, July2010 | 1947-5500 | 0.702 |  | International | -- |
|  | D.Sreenivasa Rao Ramana Reddy, Munaga.V.N.K Prasad “Robust Digital Watermarking of Color Images under noise attacks” Page nos.334-338 | International Journal of Recent Trends in Engineering, Vol.1, No 1, May, 2009, | 1797-9167 | -- | -- | International | -- |
|  | Dr.D.Srinivasa Rao M.Bheemalingaih, M.M.Naidu Energy Aware Clustered Based Multipath Routing in Mobile Ad Hoc Networks”, Page nos.91-168 | “International Journal of Communications, Network and System Sciences (IJCNS), 6th issue, Vol 2, April 2009. | 1913-3723 | 0.68 | 33 | International | -- |
|  | R.MynuddinSulthani and D.Sreenivasa Rao Design of an Efficient QoS Architecture (DEQA) for Mobile Ad hoc Networks Page nos.49-57 | ICGST International Journal on Computer Networks and Internet research (CNIR) Volume 8, Issue II, January 2009, | -- | -- | -- | International | -- |
|  | Ch. Sreenivasa Rao, Dr. K. Chenna Keshava Reddy and Dr. D. Srinivasa Rao “A Dynamic Approach to improve Quality of Service (QoS) in Advanced Wireless Networks” Page nos.25-30 | International Journal of Advances in Soft Computing Technology (IJASCT), Vol. 1, Issue 2, July 2011. | 2229-3515 | 4.756 | -- | International | -- |
|  | Ch. Sreenivasa Rao, Dr.K.Chenna Keshava Reddy and Dr. D. Srinivasa Rao “QoS Based Adaptive Admission Controller for Next Generation Wireless Networks” Page nos.684-689. | International Journal of Computer Theory and Engineering (IJCTE), Vol.3, Issue 5, October 2011. | 1793-8201 | -- | -- | International | UGC-47658 |
|  | Ch. Sreenivasa Rao, Dr.K.Chenna Keshava Reddy and Dr. D. Srinivasa Rao “Power Control Technique for Efficient Call Admission Control in Advanced Wireless Networks” Page nos.962-973. | International Journal on Computer Science and Engineering (IJCSE), Vol. 4, Issue 6, June 2012, | 0975-3397. | -- | -- | International | -- |
|  | Ch. Sreenivasa Rao, Dr.K.Chenna Keshava Reddy and Dr. D. Srinivasa Rao “Service Differentiated Call Admission Control in Next Generation Wireless Networks” Page nos. 200-208. | Journal of Theoretical and Applied Information Technology, Vol.63, Issue 1,May 2014, | 1817-3195 | 0.59 | 32 | International | UGC CARE - Scopus |
|  | M. Bheemalingaiah, M. M. Naidu, D. Sreenivasa Rao and G. Varaprasad,” Power-Aware Node-disjoint Multipath Source Routing with low overhead in MANET, Page nos.1-13 | International Journal of Mobile Network Design and Innovation, Vol. 3, No.1, 2009, UGC approved | 1744-2850 | 0.41 | 11 | International | UGC CARE - Scopus |

**International Conferences**

|  |  |  |
| --- | --- | --- |
| **S.No** | **Title with page nos.** | **Journal Name & Year of publications** |
|  | Mohammad Moyeed Ahmed, G.Narsimhulu and Dr.D.Srinivasa ao, “Instrumentation for Measurements of Geotechnical Parameters for Land slide Prediction using Wireless sensor networks”, | Springer Sponsored International Conference on Soft Computing and Signal Processing(ICSCSP-2018),June 22&23,2018 |
|  | G.Narsimhulu, Dr.D.Srinivasa Rao, “Architecture and Survey on Protocol Stack of Wireless Sensor Networks” | International Conference on Electrical, Electronics and Communication Engineering (ICEECE- 2018), 27 &28,April ,2018 |
|  | SyedaKausar Fatima, Dr. Syed Abdul Sattar, Dr. D. SrinivasaRao, “Multipath Trust Detection Routing In MANET”, | Second International Conference on Recent Innovations in Engineering and Technology (ICRIEAT-2017), ISBN: 978-93-86647-85-6, pp. 34-41. |
|  | SyedaKausar Fatima, Dr. Syed Abdul Sattar, Dr. D. SrinivasaRao, “A Trusted Secure Clustered Attack Detection in MANET”, | International Conference on Advancements and Innovations in Engineering, Technology & Management (ICAIETM-2017), ISBN: 978-93-85101-91-5, pp. 211-216 |
|  | M. Bheemalingaiah, M. M. Naidu, D. Sreenivasa Rao and P. Sreenivasa Moorthy, “Survey of Routing Protocols, Simulation Tools and Mobility Models in Mobile Ad Hoc Networks” , | International Conference on Internet of Things and Wireless Sensor Networks (IOTWSN-2017), organized by Sasi Institute of Technology and Engineering, PP: 17-18, 2017,A.P , PP:204-213 |
|  | Bheemalingaiah, M. M. Naidu, D. Sreenivasa Rao and P.Vishvapathi,” Performance Analysis of Power -aware Node-disjoint Multipath Source Routing in Mobile Ad Hoc Networks “, | International Advance Computing Conference (IACC-2017) pp:361-371, 5-7, January, 2017, |
|  | S.Pothalaiah, M.Moyed Ahmed, Dr. D. Sreenivasa Rao “Micro-Clustered Hierarchical Stable Election Protocol for Wireless Sensor Networks”, | International Conference on Innovations in Information Embedded and Communication Systems ICIIECS’16, 17-18, Mar 2016 |
|  | M.Moyed Ahmed , S.Pothalaiah,, 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 ICIIECS’16, 17-18, Mar 2016 |
|  | M.Vijayalakshmi,Dr.D.SreenivasaRao, “Energy Aware Multicast clustering(EAMC) with increased quality of service in MANETS”, | International Conference on Applied and Theoretical Computing and Communication Technology (iCATccT)ISBN-978-1-5090-2399-8 on 21-23July-2016 |
|  | Mohammed Moyed Ahmed, Dr. D. Sreenivasa Rao, Hybrid MAC Protocol with Adaptive TDMA Timeslot Assignment for WSN, | International Conference on Communications, Signal Processing, Computing and Information Technologies (ICCSPCIT –2015) scheduled on December 18-19, 2015 |
|  | S Pothalaiah and D Sreenivas rao “New Hierarchical Stable Election Protocol for Wireless Sensor Networks” | International Conference on Innovations in Information Embedded and Communication Systems ICIIECS’15,19th -20th March 2015. |
|  | Mrs. Vandana Khare, Y. MadhaveeLatha& D. SreenivasaRao “Novel Connection Admission Control in WCDMA networks” | International conference on Communication, Signal processing ,Computing & Information Technologies (ICCSPCIT-2014) 26th& 27th Dec 2014 |
|  | S Pothalaiah and D Sreenivas rao “Neighbor Coverage Based Probabilistic Rebroadcast for Reducing Routing Overhead in MANETs | ICRTEECC-2014, 15-16 Dec, 2014 |
|  | PPS Subhashini, Dr. M.Satya Sairam, Dr. D Sreenivasarao "Hand written Digit Recognition with MLP using Neural Network by using Backpropagation training algorithm" | International Conference on "Navigational systems & signal processing applications (NSSP-2013) |
|  | S.P.V. Subba Rao, Dr. S. Venkata Chalam, Dr. D. Srinivasa Rao “HCEEDMAC Protocol for Wireless Multimedia Networks” | International Conference on Smart Structures & Systems (lCSSS-2013), March 28 -29,2013 |
|  | S Pothalaiah and D Sreenivas rao “QOS provisioning in MANETs for Multimedia Application | International conference (ICRAMA 2013), Nov 21-23, 2013 |
|  | P.Ramadevi and D.Srinivasa Rao, “Hybrid QoS Aware Multipath Routing Protocol for Mobile ad hoc Networks | International conference on Recent Advances in Science & Engineering,ICRASE-2012, oct. 30-31 , pp.94-99 |
|  | P. Ramadevi and D.Srinivasa Rao “QoS Aware Multipath Routing Protocol for Mobile Adhoc Networks | International conference on Recent Trends in Electrical and Electronic Communication Engineering (RTEECE-2012),29-30 |
|  | Ch. Sreenivasa Rao, Dr.K.Chenna Keshava Reddy and Dr. D. Srinivasa Rao “Review of Call Admission Control Schemes in Wireless Networks” | International Conference on Computing, Communications, Systems and Aeronautics (ICCCSA), March 2012, ISBN: 978-81-921580-8-2 |
|  | Mrs. Vandana Khare, Y.MadhaveeLatha and D.SreenivasaRao “A Proactive QoS Routing Protocol for wireless Ad-hoc network” | IEEE International conference on Computational Intelligence & Computing Research(IEEEICCIC2011), |
|  | Mrs. D. Sylvia, Dr. B. Jothi Mohan, “Power Control Protocol for Peer – to – Peer Networks” | International Conference on 4G Wireless Computer Networks, March 04-05, 2011. |
|  | Ch. Sreenivasa Rao, Dr.K.Chenna Keshava Reddy and 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 (ICSCI), January 2011 |
|  | P.Ramadevi and D.Srinivasa Rao, “Adaptive Resource Utilization for QoS in Multilevel Services for Wireless communication” | International Conference on Computational Vision & Robotics (ICCVR -2010) Aug 21-22, 2010, pp.214-219 |
|  | Mrs. Vandana Khare, Y.MadhaveeLatha and D.SreenivasaRao “Quality of service oriented multimedia protocol for wireless Ad-hoc network” | International conference on Mobile & Internet Devices(ICMID 2010), |
|  | Humaira Nishat, Dr. D. Sreenivasa 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, [ICRTITCS 2012], 17-18 December 2012 |
|  | A.Vani and D.Srinivasa rao, “Security in wireless Adhoc networks” | International conference on Network security at Chennai, Erode in 29th –31st January -2007 |
|  | M.Bheemalingaih, M.Ekambaram Naidu, C.M. Rao “Multi Media Streaming    in 4G Mobile Communication Systems” | International Conference    on Systemics, Cybernetics and Informatics ( ICSCI2006), |
|  | S.Jagadeesh, P. Raman Reddy, MVN Prasad and D. Sreenivasa Reddy , Motion Estimation using winner update strategy, | First International conference on Signal and Image processing |
|  | “Object recognition using wavelet – Hilbert Morphological SK Election transform” M. Venkatesh P. Raman Reddy, MVN Prasad and D. Sreenivasa Reddy | International conference on Signal and Image processing organized by IEEE Bangalore section |
|  | “Device Driver for PCI based Ethernet controller card RTL 8139C “ V.Sreenivasulu, P. Raman Reddy, D. Sreenivasa Rao | International Conference (PICA-2006) on recent trends in Automation and its adaptation to industries |
|  | M. Bheemalingaiah, M.M.Naidu, D.Sreenivasa Rao “Research challenges in Mobile Adhoc Networks” | International Conference Mobile, Ubiquitous & Pervasive computing 18th-19th December 2006 |
|  | M.Bheemalingaiah, V.suresh Babu “Self–organized power aware public key  management of mobile ad hoc networks” | Asia Pacific Conference on Parallel and Distributed Technologies , December ,2005, pp:871-888. |
|  | D.Srinivasa Rao, Dr. K.C. Reddy Adaptive Algorithm for providing flow protection in the Internet, | 10th International conference on Telecommunications (ICT- 2003), Feb 23-March 1st 2003, Tahiti |
|  | D.Srinivasa Rao, Dr. K.C. Reddy, Round Robin Scheduling with Random Early Detection for providing Flow protection in the Internet | International conference on Emerging technologies (ICET- 2003), 19 - 21st Dec-2003, |
|  | **National Conferences** | |
| **1** | Mrs.Vandana Khare, Y.MadhaveeLatha and D.SreenivasaRao "An Effective Routing with QoS for wireless Ad-hoc networks | National conference on computing communication and Instrumentation(NCCCI’12)21st & 22nd Dec 2012 |
| **2** | Mohammed Moyed Ahmed, Dr. D. Sreenivasa Rao “Performance Evaluation of AQM in Ad hoc Wireless Networks | National Conference on Computer Networks &Information Security (NCCNIS-2015) 4-5 Mar 2015. |
| **3** | S Pothalaiah and Sreenivas rao, “Enhancement of Clustering Protocol for Wireless Sensor Networks” | NCCNIS, March 4-5, 2015. |
| **4** | S Pothalaiah and Sreenivas rao “Efficient power management in MANETs”, | SPCOM-SD-2014, 3- 4 Jan, 2014. |
| **5** | Humaira Nishat, Dr. D. Sreenivasa Rao, “Power Controlled MAC Protocol Analysis in Wireless Ad Hoc Networks” | National Conference on Signal Processing and Communications [SPCOM -2009], December 2009 |
| **6** | Humaira Nishat, Dr. D.Sreenivasa Rao, “Efficient Channel Utilization and Energy Saving Approach in Wireless Ad Hoc Networks | National Conference on Electronics & Communication [MVP-NCEC-2010], March 2010 |
| **7** | Ch. Sreenivasa Rao, K.Chenna Keshava Reddy, D. Srinivasa Rao and B. N. Bhandari “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 |
| **8** | Implementation of multi wavelet transform coding for image compression M. Eswar Reddy, P. Ramana Reddy, D. Sreenivasa Rao | National Conference on signal processing and communications at Jawaharlal Nehru National College of Engg., Shimoga on 7-8 July 2006. |
| **9** | Real time face recognition using eigenface approach B. Venkata Ramana, P. Ramana Reddy, D. Sreenivasa Rao | National Conference on Radat Technology and Signal Processing techniques at SVU Thirupathi on 24th & 25th July 2006 |
| **10** | A combined algorithm of Cryptography and Stegnography to enhance network  security K. Sreenivasa Rao, P. Ramana Reddy, D. Sreenivasa Rao | National Conference on emerging trends in Electronics and Communication in March 2006 |
| **11** | Optimization of Route Discovery for Reactive Routing in wireless Adhoc Networks. M. Ravi Kumar, Chalam, D. Srinivasa Rao | National Conference NCWMC-2006 at Vardhaman College of Engineering, Shamshabad on 11th February 2006 |
| **12** | Edge dropping for providing better than best-effort service in the Internet. D.Srinivasa Rao, Dr. K.C. Reddy, | National Conference on Communications 2003, Feb-2003, IIT, MADRAS. |
| **13** | Providing better best –effort service in the Internet D.Srinivasa Rao, Dr. K.C. Reddy, | National Conference on Communications 2003, Feb-2003, IIT, MADRAS |
| **14** | Simulation of shortest path and minimum Hop Routing Algorithms.D.Srinivasa Rao, Dr. K.C. Reddy, Session-1, Networking, (I – 8) page 55, | **National Conference** On Advanced Computing (NCAC-2001), February 2-3, 2001 |
| **15** | Simulation of Distributed Adaptive Routing Algorithms D.Srinivasa Rao, Dr. K.C. Reddy, Session-IV, Image Processing And Distributed Computing Systems, (IV– 3) page 261 | **National Conference** on Advanced Computing (NCAC-2001),February 2-3, 2001 |
| **16** | Simulation of Congestion Control and Avoidance Algorithms For TCP/IP Networks D.Srinivasa Rao, Dr. K.C. Reddy | National Conference on Communications, January 25-27, 2002, Department of Electrical Engineering, Indian Institute of Technology, Bombay |
| **17** | Simulation Based Study of Adaptive RED Algorithm D.Srinivasa Rao, Dr. K.C. Reddy, | National Systems Conference,13-15, December 2001,PSG College of Technology, Coimbatore |
| **18** | Congestion Control And Avoidance In Computer Networks D.Srinivasa Rao, Dr. K.C. Reddy, | National Systems Conference,13-15, December 2001,PSG College of Technology, Coimbatore |
| **19** | Simulation of congestion control Algorithms In ATM Networks D.Srinivasa Rao, Dr. K.C. Reddy, | All India Seminar on Recent Trends In Computer Communication Networks, November 7-8, |