Brief Profile

Dr. D. Srinivasa Rao

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

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.	Professor	17-03-07	Till date
2	JNTUH College of Engineering, Hyderabad.	Associate professor	01-06-2005	16-03-07
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 165

- International Journals • **112**
- International Conferences • **34**
- National Conferences • **19**

- 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
1.	Quality of Service in mobile Ad-hoc networks	UGC	2yrs 2010-2012	Rs 8,29,000/-	Completed
2.	Development of Early Warning system for landslide prediction	RPS-AICTE	3 years September 2017-September 2020	Rs 24,70,000/-	Completed
3.	Prediction of Gravelly soil induced Landslides	TEQIP-III - CoE	6 months October 2020 to March 2021	Rs 3,00,000/-	Completed
4.	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
5.	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
6.	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
1.	P Ramana Reddy	0500PH0808	Performance evaluation of certain imperceptible image watermarking techniques for color image in wavelets domain	JNTUA	2009
2.	A Vani	05PHD0406	Secured Routing Protocol to defend against multiple attacks in MANETs	JNTUA	2012
3.	Humaira Nishat	0703PH0828	Source Based Energy Efficient Dynamic Route Discovery Protocol for Mobile Ad hoc Networks	JNTUH	2014
4.	S P V Subbarao	0603PH0828	Development of MAC protocol with adaptive Power control and Call admission control for wireless multimedia networks	JNTUH	2014
5.	Chappidi Sreenivasa Rao	0703PH0828	Service Differentiated Admission control for quality	JNTUH	2014

			of service (QoS) Improvements for wireless networks		
6.	P. Ramadevi	0703PH0829	Efficient Routing in Ad Hoc Wireless Networks	JNTUH	2016
7.	Sake pothalaiah	1103PH0844	Energy Efficient routing protocol for Ad Hoc and Wireless Sensor Netwoks	JNTUH	2016
8.	A.Veera bhadrareddy	0500PH0804	Providing QoS Guarantees in IP Networks	JNTUA	2016
9.	Vandana khare	1003PH0852	QoS optimization for real time multimedia traffic in WCDMA networks	JNTUH	2017
10.	Mohammed moyed Ahmed	1303PH0801	Energy efficient strategies to improve Life time of Heterogeneous wireless Sensor Networks	JNTUH	2018
11.	Syeda Kausar Fatima	1103PH0866	A New Secure Clustering Approach for MANETs based on Multi-Hops and Network Mobility	JNTUH	2019
12.	M.Bheemalingaiah	0500PH0601	Efficient multi path routing protocols to provide better quality of Service in Mobile Ad hoc networks	JNTUA	2019
13.	M.Vijaya Lakshmi	0703PH848	Multicast Routing Protocol for Quality of Service (QoS) Improvement in Adhoc Wireless Networks	JNTUH	2020
14.	Srilaksmi Aouthu,	0603PH0860	Microstrip Antenna Arrays and EBG Ground Structured Antennas for Wide Band Applications	JNTUH	Thesis Submitted March 2022
15.	S. Ravi Kumar	0803PH08A25	Adaptive Location Aided Efficient and Secured Routing Protocol in MANETs	JNTUH	Thesis submitted May 2022
16.	Syed ali	1003PH0843	Energy Efficient and Secure Routing in Wireless Sensor Networks	JNTUH	Submitted June 2022
17.	Gorre Narsimhulu	1103PH0846	Secure Energy And Congestion Aware Adaptive Location Aided Routing In Manets	JNTUH	Thesis submitted July 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 JOURNALS

S.No	Title with page nos.	Journal Name & Year of publications	ISSN / ISBN No.
1.	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
2.	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
3.	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
4.	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
5.	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.	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.	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
8.	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
9.	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
10.	"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
11.	"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
12.	"Kollem S., Reddy K.R.L., Dr D SreenivasaRao.. Modified transform-based gamma correction for MRImalignant image denoising and tumor segmentation byoptimized 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
13.	Mahesh, D. Sreenivasa Rao	International Journal of Scientific and Engineering Research (IJSER),	2229-5518

	Performance Evaluation Of Tree Based and Chain Based Routing Protocols in Wireless Sensor Networks, Page nos.1672-1676	Volume 10, Issue 9,September 2019.	
14.	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
15.	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
16.	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
17.	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
18.	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
19.	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
20.	Kollem, S., Reddy K. R. L., & Rao, D Sreenivasarao "A Review of Image Denoising and Segmentation Methods Based on Medical Images. International,	Journal of Machine Learning and Computing, Volume-9, Issue-3, June 2019	2010-3700

	Page nos. 288-295		
21.	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
22.	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
23.	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
24.	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
25.	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-June2018	2279-543X
26.	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
27.	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
28.	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
29.	Mohammed Moyed Ahmed, Dr. D. Sreenivasa Rao "Stable Heterogeneous Energy Efficient Cluster Based Protocol (SHEEP) For Application-Specific WSNs"	International Journal of Emerging Technology and Advanced Engineering, Website: www.ijetae.com (ISO 9001:2008 Certified Journal, Volume 8, Issue 1,	2250-2459

	Page nos.250-257	January 2018).	
30.	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
31.	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
32.	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
33.	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
34.	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
35.	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
36.	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
37.	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
38.	M. Bheemalingaiah, M. M. Naidu, D. Sreenivasa Rao and P.Vishvapathi," Performance Analysis of QOS Aware Fault Tolerant Multipath Routing	International Journal of Advanced Research in Computer Science and Software Engineering, Volume 6, Issue 10, October 2016.	2277- 128X

	Protocol in Mobile Ad Hoc Networks", UGC approved and ISO 9001: 2008 Certified., Page nos.154-174		
39.	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
40.	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
41.	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
42.	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
43.	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.	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
45.	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
46.	M.Vijayalakshmi, Dr.D.Sreenivasa Rao, A Comparative analysis on Multicast routing protocols in	GJRA, Vol-4, Issue-8, Aug-2015 ,	2277 – 8160

	Mobile Ad-hoc networks: MAODV, ODMRP, PUMA &AM Route", Page nos:347-349.		
47.	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
48.	Mohammed Moyed Ahmed, Dr. D. Sreenivasa Rao "Energy Modelling and Optimization of Application-Specific Wireless Sensor Networks",	IJAIR, Vol.4 Issue 6, June 2015.	
49.	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
50.	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
51.	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
52.	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
53.	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
54.	Mrs. Vandana Khare, Y.MadhaveeLatha and D .SreenivasaRao"Quality of Service Improvement for W-CDMA Scheme'' Page	International Journal of Advanced Computing Vol 47 ,Issue 2 ,September 2014	2051-0845

	nos.1504-1510		
55.	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.
56.	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
57.	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 (IJAIR) Vol. 3, Issue No. 11, Nov 2014.	
58.	S Pothalaiah and D Sreenivas rao "Performance evaluation of DSR, FSR and LAR routing protocol in MANETs"	International Journal of Advanced and Innovative Research (IJAIR), Vol. 2, Issue No. 6, June 2013.	2394-7780
59.	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
60.	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
61.	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
62.	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
63.	Mrs. Vandana Khare, Y.MadhaveeLatha and D.SreenivasaRao "A Survey on	International Journal of Computer Science & Management Research" ,Vol 02, Issue 3 ,March 2013.	2278-733X

	WCDMA Scheme For better QoS in wireless networks", Page nos.1840-1844		
64.	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
65.	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).	
66.	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
67.	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
68.	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
69.	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
70.	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
71.	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
72.	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
73.	Dr.D.Sreenivasa Rao ,	Int. J. Eng, CST, 2012, V01-02,	2277 - 9337

	S.P.V.Subba Rao, Dr.S. Venkata Chalam, S.Pothalaiah "Performance analysis of MAC protocols for wireless multimedia networks" Page nos.7-12	IJECST | Jul - Aug 2012	
74.	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
75.	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
76.	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
77.	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
78.	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
79.	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
80.	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
81.	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

82.	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
83.	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 Scientia publication ,Volume 2 no 6 Nov-Dec 2011	2230-9454
84.	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
85.	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
86.	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
87.	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
88.	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 Scientia publication ,Volume 2, issue 2, Mar-Arpil 2011	2230-9454
89.	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
90.	Humaira Nishat, Dr. D. Sreenivasa Rao, "Modified Minimum Maximum Battery Cost Routing Protocol for	International Journal of Mobile and Ad Hoc Network(IJMAN),Vol.1 Issue 3, Nov 2011,	

	Mobile Ad Hoc Networks", Page nos. 356-360.		
91.	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
92.	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
93.	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
94.	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.	--
95.	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
96.	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
97.	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
98.	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
99.	Humaira Nishat, Shakeel Ahmed, Dr. D.Srinivasa Rao	IJCSNS International Journal of Computer Science and Network	1738-7906

	"Energy Efficient High Throughput MAC Protocol Analysis for Wireless AD Hoc Networks"	Security, Vol.10 No.6, June 2010.	
100.	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).	--
101.	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
102.	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
103.	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
104.	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
105.	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,	--
106.	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
107.	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
108.	Ch. Sreenivasa Rao, Dr.K.Chenna Keshava Reddy	International Journal on Computer Science and Engineering (IJCSE),	0975-3397.

	and Dr. D. Srinivasa Rao "Power Control Technique for Efficient Call Admission Control in Advanced Wireless Networks" Page nos.962-973.	Vol. 4, Issue 6, June 2012,	
109.	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
110.	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
111	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
112	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