

**JNTUA COLLEGE OF ENGINEERING (Autonomous),
Ananthapuramu
Department of Computer Science and Engineering
Self-Assessment Report (SAR)**

1. Personal Details

- a. Name of the faculty : Dr. P. Chenna Reddy
- b. Father Name : Sri P.Ramachandra Reddy
- c. Mother Name : Smt. P. Nageshwaramma
- d. Gender : Male
- e. Date of Birth : 16-03-1973
- f. Category (OC/BC/SC/ST) : OC
- g. Current Designation : Professor
- h. Aadhaar No : 554548360972
- i. Residential Address : Flat No. 202,AadharanaKuteeram, Ashok Nagar,
Anantapur, Andhra Pradesh (India)
- j. Email-id (P) : pcreddy1@rediffmail.com
- k. Email-id (O) : chennareddy.cse@jntua.ac.in
- l. Mobile : +91-9441034797

2. Qualifications:

Course	Name of the Institution studied	Name of the University	Year of graduation	% of marks obtained	Division
SSC	Govt School for Boys B-camp, Kurnool	BSEAP	1989	76.61	First class
Intermediate/Diploma	Intermediate	BIEAP	1991	82.00	First class
B.Tech (CSE)	S.V. University College of Engineering, Tirupati	S.V. University College of Engineering, Tirupati	1996	78.60	First class with distinction
M.S (Software Engineering(DLPD))	BITS, Pilani	BITS, Pilani	2000	-	First class
M. Tech	JNTU, Hyderabad	JNTU,	2005	79.56	First class

(CSE)		Hyderabad			with distinction
Ph.D.	JNTU, Hyderabad	JNTU, Hyderabad	2009	-	-

3. Experience:

Organization	Designation	Duration of Employment		Duration	Nature of Duties
		From	To		
G.Pulla Reddy Engineering College, Kurnool	Adhoc Teaching Assistant	27-08-1996	31-07-1997	11 Months	Teaching
G.Pulla Reddy Engineering College, Kurnool	Adhoc Lecturer	01-08-1997	14-04-1998	9 Months	Teaching
G.Pulla Reddy Engineering College, Kurnool	Assistant Professor	15-04-1998	11-10-2000	1 Year 7 Months	Teaching
JNTU College of Engineering, Anantapur	Assistant Professor	12-10-2000	06-11-2006	6 Years 1 Month	Teaching
JNTUA College of Engineering, Pulivendula	Associate Professor	07-11-2006	06-11-2012	6 Years	Teaching
JNTUA College of Engineering, Pulivendula	Professor	07-11-2012	17-02-2016	4 Years	Teaching
JNTUA, Anantapur	Professor	18-02-2016	21-07-2019	3 Years	Teaching
JNTU College of Engineering, Anantapur	Professor	22-07-2019	Till date		Teaching

4. Patents and research projects

a. Sponsored Research:

Sl.No	Name / purpose of the project	Sanctioned form DST/UGC/AICTE	Total Sanctioned amount	Status of the project	Total amount spent	Total amount left over	Utilization Certificate (if any)
1	Using Bio-inspired Approach for Routing in Adhoc Networks	AICTE	4,05,000	Completed	2,44,685	1,60,315	

b. Consultancy: NIL

c. Patents

S.no	Name of stream	Department	Obtained / filed	patent registered (National / International)	patent title	patent type (Product/ Process)	Patent Number	Patent Grant Year	Amount (Rs)	Whether (institutional /joint)
1	CSE	CSE	Filed		METHOD AND APPARATUS FOR 3D AND 4D IMAGE REGISTRATION USING DTCWT SUB BANDS AND 2D NEURAL NETWORK STRUCTURE		201841022593	16 June,2018		

5. List of publications: (NC/IC/NJ/IJ)

a. International/ National Journals:

2005

1. P. Chenna Reddy, and Dr. P. ChandraSekhar Reddy, "Active Queue Management in a QOS Enabled Network", Journal of Computer Science, Vol. 1, No. 3, Nov-Dec 2005, ISSN: 0973-2926.

2006

1. P. Chenna Reddy, and Dr. P. Chandra Sekhar Reddy, "Performance Comparison of TCP Congestion Control Algorithms", The Journal of 'The Institution of Engineers (India) – CP', Vol. 87, Nov. 2006, , ISSN: 0971-0469, pg 43-48, H index: 4, **Scopus indexed**, SJR = 0.13.

2. P. Chenna Reddy, and Dr. P. ChandraSekhar Reddy, "Performance analysis of adhoc network routing protocols", Academic Open Internet Journal, Vol. 17, Available: <http://www.acadjournal.com/2006/V17/part6/p3>, April, 2006, ISSN: 1311-4360.

2008

1.P. Chenna Reddy, and Dr. P. ChandraSekhar Reddy, "Dynamic Vegas", i-managers Journal Software Engineering, Vol. 3, No.2, Oct-Dec 2008, ISSN: 0973-5151.

2.P. Chenna Reddy, and Dr. P. ChandraSekhar Reddy, "Interoperability of TCP Vegas with TCP Reno", International Journal of Engineering Research and Industrial Applications, Vol. I, No. VII, 2008, ISSN: 0974-1518.

2009

1.P. Chenna Reddy, and Dr. P. ChandraSekhar Reddy, "Dynamic RED", Journal of Engineering Today, Jan 2009, ISSN: 2180-0995.

2.P. Chenna Reddy, "TCP over IEEE 802.11", Journal of Annals of Computer Science, Vol. VII, Nov. 2009, ISSN: 2065-7471.

2010

1.P. Chenna Reddy, "Modification of RTS retransmission mechanism", International Journal of Multidisciplinary Research and Advances in Engineering, Vol 2, No. III/IV, 2010, ISSN: 0975-7074.

2.Dr. P. Chenna Reddy, "Improving Performance of Voice Over IEEE 802.11e", i-managers Journal on Software Engineering, Vol. 5, No. 1, July-September, 2010, ISSN: 0973-51510.

2011

1.P. Chenna Reddy, V. Venkata Ramana, A. Rammohan Reddy, "A Survey of QOS with IEEE 802.11e", International Journal on Computer Science and Engineering, pg 807-813, Vol. 3, No. 2, Feb 2011, ISSN: 0975-3397.

2. P. Chenna Reddy, "Service differentiation of IEEE 802.11e", Journal of advances in Computer research, Pg 39-48, Vol. 01, No. 3, March 2011, ISSN: 2008-6148.

3. V. Lokeswara Reddy, Dr. A. Subramanyam, Dr. P. Chenna Reddy, "Implementation of LSB Steganography and its Evaluation for Various File Formats", International Journal of Advanced Networking and Applications, pg 868-872, Vol. 02 Issue: 05, Mar-Apr 2011, ISSN: 0975-0290.

4. V. Lokeswara Reddy, Dr. A. Subramanyam, Dr. P. Chenna Reddy, "SteganPEG Steganography+JPEG", International Journal of Computer Graphics, pg 31-42, Vol. 2, No.1, May 2011, ISSN: 2093-9663.

5. T. Srikanth, N. Rajesh, Dr. P. Chenna Reddy, "An Improved Snoop for TCP Reno and TCP SACK in Wired-cum-Wireless Networks", Indian Journal of Computer Science and Engineering, pg 455-460, Vol.2 No. 3, June-July, 2011, ISSN: 0976-5166.

6. Dr. P. Chenna Reddy, V. Lokeswara Reddy, Dr. A. Subramanyam, "A Least Significant Bit Embedding Technique of Digital Image Steganography", Atti Della Fondazione Giorgio Ronchi, No. 4, June-2011, ISSN: 0391-2051.

7. Dr. P. Chenna Reddy, J. Srinivas, "Enhancement Study of Power-Aware Routing Protocols in Ad hoc Networks", International Journal of Advanced Research in Technology, Vol. 1 Issue 1, Pg: 71-75, 2011, ISSN: 6602-3127.

8. R. Lalu Naik, Dr. P. Chenna Reddy, U. Sathish Kumar, “Provably Secure Quantum Key Distribution Protocols in 802.11 Wireless Networks”, International Journal of Computer Science and Information Technologies, Vol. 2 (6) , Pg: 2811-2815, 2011, ISSN: 0975-9646.
9. R.Lalu Naik, Dr.P.Chenna Reddy, U.Sathish Kumar, Dr.Y.V.Narayana, “Quantum Cryptography with key Distribution in Wireless Networks on Privacy Amplification”, International Journal of Computer Networks and Wireless Communications (IJCNWC), Vol. 1, No. 1, December 2011, ISSN: 2250-3501, Impact Factor: 0.421.

2012

1. .B. Jagadessh, P. Rajesh kumar, P. Chenna Reddy, “Genetic algorithm approach for singular value decomposition and quantization based digital water marking“, International journal of Engineering research and applications, Vol. 2, Issue 2, pp.1229-1235, Mar-Apr 2012, ISSN: 2248-9622.
2. T. Surya prakash Reddy, P. Chenna Reddy, “OCC: Ordered congestion control with cross layer support in MANET routing”, International Journal of Advanced Computer Science and Applications, Vol. 3, No. 3, 2012, DOI: 10.14569/IJACSA.2012.030316, ISSN: 2156-5570, Impact Factor: 1.324.
3. R.Lalu Naik, Dr.P.Chenna Reddy, “Secure Authentication of BB84 Quantum Key Distribution Protocols”, International Journal of Computer Engineering and Technology, Vol. 3, Issue 2, pp. 280-287, July-Sept,2012, ISSN: 0976-6375.
4. B. Reshma Yusuf, Dr. P. Chenna Reddy,”Mining data streams using Option trees“, International Journal of Computer Network and Information Security, Aug. 2012, pp. 49-54, ISSN: 2074-9104.
5. B. Reshma Yusuf, Dr. P. Chenna Reddy,”Mining data streams using Option trees“, International Journal of Computer Engineering and Intelligent Systems, , Vol. 3, No. 7, pp. 89-99, 2012 ISSN: 2222-2863.
6. S. Vishnu Vardhan, Dr. P. Chenna Reddy,”Congestion Control in Real Time Applications”, International Journal of Computer Applications, Vol. 51, No. 3, pp 33-37, Aug. 2012, DOI: 10.5120/8025-1176, ISSN: 0975-8887, Impact factor: 0.821.
7. R. Siva Sankara Reddy, Dr. P. Chenna Reddy, “K-Means Algorithm with different Measurements in Clustering Approach”, International Journal of Engineering and Advanced Technology, Vol. 1, Issue 6, Aug. 2012, pp: 269-271, ISSN: 2249-8958, Impact Factor: 1.0.
8. M. Jagadeeswara Reddy, Dr. P. Chenna Reddy. A. Ganesh,” Energy-Efficient Self Reconfigurable Clustering Approach for Heterogeneous Wireless Sensor Networks”,

International Journal of Computer Applications, Volume 54– No.7, September, 2012, DOI: 10.5120/8575-2312, ISSN: 0975 – 8887, Impact factor: 0.821.

9. Y. Ravi, V. Venkata Ramana, M.V. Rathnamma, Dr. P. Chenna Reddy, "Position based Routing in Mobile Adhoc Networks", International Journal of Computer Applications, Volume 55– No.7, October, 2012, DOI: 10.5120/8750-2638, ISSN: 0975 – 8887, Impact factor: 0.821.
10. T. Nishitha, Dr. P. Chenna Reddy, "Bio-Inspired Routing in Adhoc Networks", Journal of Engineering, Computers and Applied Sciences, Volume 1, No.1, October 2012, ISSN: 2319-5606.
11. M. Jagadeeswara Reddy, Dr. P. Chenna Reddy, "Energy Conservation Hierarchical Cluster based Routing Protocols for Heterogeneous Wireless Sensor Networks", International Journal of Engineering Research, Vol.2, Issue 5, Sept-Oct 2012, pp: 939-942, ISSN: 2248-9622.
12. Pathan Mohd. Shafi, Dr. Abdul Satar, Dr. P. Chenna Reddy, "Improved Kerberos Authentication Security Protocol for Mobile Devices", Technical Journal of The Institution of Engineers (India), Vol. 36, Nov. 2012, ISBN: 978-81-924990-0-0.
13. T. Surya prakash Reddy, P. Chenna Reddy, "EOCC: Energy Ordered Congestion control using cross layer support in Mobile Adhoc Network Routing", International Journal of Scientific and Engineering Research, Vol. 3, Issue. 10, Oct. 2012, ISSN: 2229-5518, Impact Factor: 0.4510.
14. Y. Kishore, V. Venkata Ramana, Dr. P. Chenna Reddy, "Secure routing in adhoc networks using ARAN", International Journal of Management, IT and Engineering, Vol. 2, Issue. 12, Dec. 2012, ISSN: 2249-0558

2013

1. T. Surya prakash Reddy, P. Chenna Reddy, "EOCTC: Energy Efficient Ordered Congestion Tolerant and Control Routing for Mobile Adhoc Networks", International Journal of Computer Science Issues, Vol. 10, Issue. 2, No. 1, July, 2013, Impact Factor: 0.242, ISSN: 1694-0784, Impact Factor: 0.242.
2. V. Lokeswara Reddy, Dr. P. Chenna Reddy, Dr. A. Subramanyam, "A Novel Approach for Hiding Data in Image, Audio and Video using Steganography", International Journal of Computer Applications, Volume 69– No.15, May, 2013, DOI: 10.5120/11922-8131, ISSN: 0975 – 8887, Impact Factor: 0.821.
3. B. Jagadeesh, P. Rajesh kumar, P. Chenna Reddy, "Robust Digital Image Water Marking Scheme in Discrete Wavelet Transform Domain using Support Vector Machines",

International Journal of Computer Applications, Volume 73– No.14, July, 2013, DOI: 10.5120/12806-9865, ISSN: 0975 – 8887, Impact Factor: 0.821.

4. A.L. Sreenivasulu, P. Chenna Reddy, “Comparative Assay of the Overhead of Efficient Version of CPDA Protocol to Original CPDA Protocol”, International Journal of Engineering and Innovative Technology, Vol. 3, Issue. 3, Sept. 2013. ISSN: 2277-3754.
5. P. Jammulaiah, P. Chenna Reddy, “Simulation and Comparison of AOMDV, AODV and DSR in MANETS”, International Journal of Networks and Systems, Vol. 2, No. 6, Oct-Nov, 2013, ISSN: 2319 – 5975.
6. A. Swetha, P. Chenna Reddy, “Authentication of an Image over Wireless Channels based on Secure Digital Signature Scheme”, International Journal of Science and Research, Vol. 2, Issue. 12, Dec. 2013, ISSN: 2319-7064.
7. P. Sreenivasa Rao, M. Janani, P. Chenna Reddy, “TFRC for Congestion control in Wired Environment”, International Journal of Inventive Engineering and Sciences, Vol. 2, Issue. 1, Dec. 2013, ISSN: 2319-9598.
8. P. Sreenivasa Rao, M. Janani, P. Chenna Reddy, “TFRC for Congestion control in Wireless Environment”, International Journal of Science and Modern Engineering, Vol. 2, Issue. 1, Dec. 2013, ISSN: 2319-6386.
9. Soni Shaik, P. Chenna Reddy, “An Evaluation Study of AntHocNet”, International Journal of Networks and Systems”, Vol. 2 No. 6, Oct-Nov, 2013, DOI:10.1.1.402.3438 , ISSN: 2319-5975.
10. Geeta Reddy J, Rajeshwari S.B., Dr. N.Uday Bhaskar, Dr. P. Chenna Reddy, “An Efficient Profit-based Job Scheduling Strategy for Service Providers in Cloud Computing Systems”, International Journal of Application or Innovation in Engineering and Management, Vol.2, Issue 1, Jan. 2013, ISSN: 2319-4847.
11. M.Durga Prasad, Dr P.Chenna Reddy, Banoth Samya, “Extended Nymble: Method for tracking Misbehaving Users Anonymously while Blocking “,International Journal of Computer Science & Information Technology, Vol. 5, No. 1, February 2013, ISSN: 0975-3826.
12. Pathan Mohd. Shafi, Dr. Abdul Satar, Dr. P. Chenna Reddy, “Risk Assessment of Authentication protocol”, International Journal of Computer Science and Information security, Vol. 9, No. 6, June, 2011”, ISSN: 1947-5500.

2014

1. V. Lokeswara Reddy, Dr. P. Chenna Reddy, Dr. A. Subramanyam, “A Novel Technique for JPEG Image Steganography and its Performance Evaluation”, International Journal of Advanced Media and Communication, **Inderscience** Enterprises, Pg: 211-224, Vol. 5, No. 2/3, 2014, DOI: 10.1504/IJAMC.2014.060494, ISSN: 1741-8003, **Scopus indexed**, SJR: 0.31, **Impact factor (cites per doc): 0.2**.
2. T.Sunil Kumar Reddy, Dr.P.Venkat Krishna, Dr P. Chenna Reddy, “Fuzzy Bee Colony Optimization for Resource Allocation in Grid Computing”, International Journal of Engineering Research and Technology, Vol. 7, No. 1, 2014, pg. 17-27, EBSCO indexed, ISSN 0974-3154.

3. T.Sunil Kumar Reddy, Dr.P.Venkat Krishna, Dr P. Chenna Reddy, "Power Aware based Workflow Model Optimization using Fuzzy Bee Colony Method", ARPN Journal of Engineering and Applied Sciences, Vol. 9, No. 4, April, 2014, pg. 593-598, ISSN 1819-6608, **Scopus indexed**, SJR: 0.16, **Impact factor (cites per doc): 0.29**.
4. B. Jagadessh, P. Rajesh kumar, P. Chenna Reddy, "Digital Image Water Mark Extraction in Discrete Wavelet Transform Domain using Support Vector Machines", International Journal of Recent Trends in Engineering & Technology, Vol. 11, June. 2014, Pg: 170-176, ISSN 2158-5563.
5. P. Chenna Reddy, "New Routing Metrics for Adhoc Network Routing Protocols", Journal of Institution of Engineers (India): Series. B (Springer), DOI 10.1007/s40031-014-0116-x, Vol. 95, No. 4, Oct-Dec 2014, Pg: 351-361, **Scopus indexed**, ISSN 2250-2106, **Impact factor: 0.3**.
6. J. Geetha, N. UdayBhaskar, P. ChennaReddy, and Neha Sniha, "Hadoop Scheduler with Deadline Constraint", International Journal on Cloud Computing: Services and Architecture (IJCCSA), Vol. 4, No. 5, October 2014, DOI: 10.5121/ijccsa.2014.4501, EBSCO indexed, ISSN: 2231-5853.

2015

1. T.Sunil Kumar Reddy, Dr.P.Venkat Krishna, Dr P. Chenna Reddy, "Power aware Framework for Scheduling Tasks in Grid-based Workflows", International Journal of Communication Networks and Distributed Systems, **Inderscience Publishers**, Vol. 14, No. 1, 2015, pg. 74-88, **Scopus indexed**, ISSN 1754-3924, **DOI: 10.1504/IJCNS.2015.066016**, SJR: 0.17, **Impact factor: 0.41**.
2. R.Anusha, Dr. P. Chenna Reddy, "Comparison of AODV and AntHocNet in Static Wireless Network", International Journal on Cybernetics & Informatics (IJCI) Vol. 4, No. 2, April 2015, DOI: 10.5121/ijci.2015.4210, ISSN: 2277 - 548X.
3. Y. Lakshmi Prasanna, Dr. P. Chenna Reddy, "Analysis of AntHocNet and AODV Performance using NS2", International Journal on Cybernetics & Informatics (IJCI) Vol. 4, No. 2, April 2015, DOI: 10.5121/ijci.2015.4209, ISSN: 2277 - 548X.
4. B. Aruna Kumari, Dr. P .Chenna Reddy, "TCP RENO, SACK and VEGAS Performance Analysis", International Journal on Cybernetics & Informatics (IJCI) Vol. 4, No. 2, April 2015, DOI: 10.5121/ijci.2015.4211, ISSN: 2277-548X.
5. Dr. P. Chenna Reddy, "Analysis of Teaching Computer Programming in Indian Context", Journal of Engineering Education Transformations, Vol. 28, Issue. 4, April, 2015, Pg: 50-55, DOI: 10.16920/jeet/2015/v28i4/70400, ISSN: 2349-2473.
6. B. Jagadessh, P. Rajesh kumar, P. Chenna Reddy, "Robust Digital Image Water Marking based on Fuzzy inference system and Back propagation Neural networks

- using DCT”, **Springer** journal of Soft Computing – A Fusion of Foundations, Methodologies and Application, **SCI indexed Journal**, Available online from 5th June, 2015, ISSN: 1432-7643, DOI: 10.1007/s00500-015-1729-y, **impact factor: 1.34**.
7. M. Chenna Keshava, P. Chenna Reddy, “TCP, UDP, and TFRC in Wired Networks”, International Journal of Applied Engineering Research, Vol. 10, No. 16, 2015, pg: 36872-36880, **Scopus indexed** journal, ISSN: 0973-4562, **Impact factor: 0.12, Scopus Indexed**.
 8. R. Lalu Naik, P. Chenna Reddy, “Towards Secure Quantum Key Distribution Protocol for Wireless LANs: A Hybrid Approach”, **Springer** Journal of Quantum Information Processing, Vol. 14, Issue.10, Sept. 2015, Pg: 1-8, **SCI indexed Journal**, ISSN: 1570-0755, **Impact factor: 1.923**., DOI: 10.1007/s11128-015-1129-3, **Scopus indexed**.
 9. N. Ramakrishnaiah, P. Chenna Reddy, “A review of Addressing Protocols in mobile ad-hoc networks”, International Journal of Computer Applications, Vol. 132, No. 9, Dec. 2015, Pg: 31-36, ISSN: 0975-8887, DOI: 10.5120/ijca2015907546.
 10. C. Sreedhar, N. Kasiviswanath, P. Chenna Reddy, “A Survey of Big Data Management and Job Scheduling”, International Journal of Computer Applications, Vol. 130, No. 3, Nov. 2015, Pg:41-49, ISSN: 0975-8887, DOI: 10.5120/ijca2015907161.
 11. B. Jagadeesh, P. Rajesh kumar, P. Chenna Reddy, “Robust Digital Image Watermarking Technique in DWT domain based on HVS and BPNN”, International Journal of Image Processing, Vol. 9, Issue. 5, Sept. 2015, Pg: 272-282,ISSN: 1985-2304.

2016

1. C. Ramakrishnaiah, P. Chenna Reddy, R. Praveen Sam, “Analysis of Starvation Problem in Wireless LANs”, International journal of control theory and applications, Vol. 8, issue. 4, 2016, pg. 1-7, ISSN: 0974-5572, **Scopus Indexed, Impact factor: 0.44**.
2. R. Raja Sekhar, P.Chenna Reddy, “An Efficient Multipath Routing Protocol with Replication for On-demand Video Streaming in MANETs”, International Journal of Computer Science and Networks, Vol. 5, Issue. 3, June 2016, pg: 458466, ISSN: 2277-5420.
3. RajaSekaharRajaboina, Dr. P. Chenna Reddy, and Raja Ashok Kumar, “Performance Comparison of TCP, UDP, and TFRC in Static Wireless Environment”, International Journal of Information and Computer Security, Vol. 8, No. 2, 2016, pg: 158-180, ISSN: 17441765, **Inderscience publishers, scopus indexed, Impact factor: 0.29**, DOI: [10.1504/IJICS.2016.078125](https://doi.org/10.1504/IJICS.2016.078125).

4. M.V. Rathnamma, P. Chenna Reddy, "A relationship-based approach for energy aware secure routing in MANETs", *Int. J. Smart Grid and Green Communications*, Vol. 1, No. 1, 2016, pg: 87-101, **Inderscience Publishers**, ISSN: 2052-2002.
5. J. Geetha, N. UdayBhaskar, P. ChennaReddy, "Data-local Reduce Task Scheduling", *International Conference on Computational Modeling and Security, Bangalore*, Published in *Journal of Elsevier Procedia Computer Science*, Vol. 85, pg: 598-605, **Scopus Indexed, impact factor: 0.75**, ISSN: 18770509, doi: 10.1016/j.procs.2016.05.226
6. RajaSekaharRajaboina, Dr. P. Chenna Reddy, "Group based Replica Relocation for on Demand Video Streaming in Manets", *International Journal of Computer networks and Wireless Communications*, Vol. 6, No. 4, pg: 17-23, July-August, 2016, ISSN: 2250-2501
7. K.Ramesh Rao, Dr. S.N.Tirumala Rao, Prof. P. Chenna Reddy, "Security Problems in Wireless Sensor Networks", *International Journal of Computer Trends and Technology (IJCTT)*, Vol. 39, No. 1, Sept. 2016, ISSN: 2231-2803, pg: 47-52, doi: 10.14445/22312803/IJCTT-V39P109.
8. B. Jagadeesh, P. Rajesh kumar, P. Chenna Reddy, "Fuzzy Inference System Based Robust Digital Image Watermarking in DWT-DCT Domain Using Human Visual System", *International Review on Modelling and Simulations (I.RE.MO.S.)*, Vol. 9, No. 4, ISSN 1974-9821, Aug. 2016, Pg: 265-270, DOI: <https://doi.org/10.15866/iremos.v9i4.8534>, **Scopus indexed, Impact factor: 0.76**.
9. P. Chenna Reddy, "Teaching Computer Programming – Indian Perspective", *Indian Journal of Technical Education, ISTE*, Vol. 39, No. 3, July-Sept 2016, pg: 60-70, ISSN: 0971-3034,
10. C. Sreedhar, N. Kasiviswanath, and P. Chenna Reddy, "A Novel Multilevel Queue based Performance Analysis of Hadoop Job Schedulers", *Indian Journal of Science and Technology*, Vol. 9, Issue. 44, Nov. 2016, ISSN: 0974-5645 DOI: 10.17485/ijst/2016/v9i44/96414, **Scopus Indexed, Impact factor: 0.86**.
11. P. Vijayakumari, and P. Chenna Reddy, "Performance Evaluation of IEEE 802.11e EDCA using QUALNET", *International Journal of Computer Applications (0975 – 8887)* Vol. 155, No. 1, Dec. 2016, ISSN: 0975-8887, DOI: 10.5120/ijca2016911883.
12. N. Ramanjaneya Reddy, Dr.P.Chenna Reddy, Dr.M. Padmavathama, "Performance Enhancement of TCP Friendly Rate Control Protocol over wired networks", *International journal of Electrical and Computer Engineering*, Volume 6, No 6, December 2016, pg: 2949-2954, ISSN: 2088-8708, DOI: 10.11591/ijece.v6i6.12560, **Scopus Indexed, Impact factor: 0.35**.

2017

1. N. Ramanjaneya Reddy, Dr.P.ChennaReddy,Dr. M. Padmavathama, “ An Enhanced Queue Management Scheme for TFRC over Wired Networks”, International Journal of Intelligent Engineering and Systems”, Vol. 10,Issue 1 Feb 2017, ISSN: 2185- 3118, DOI : 10.22266/IJIES2017.0228.03, **Scopus Indexed, Impact factor: 0.16.**
2. S Madhu, Dr M Bal Raju, Dr P Chenna Reddy “A Survey of Cross Layer Design in Wireless Networks for Joint Optimization of Multimedia Transmission”, International Journal of Advanced Research in Computer Science (IJARCS), Vol.8, No.3, March-April 2017, pg: 438-444, ISSN:0976-5697, <http://www.ijarcs.info/index.php/Ijarcs/article/download/3032/3015>.
3. A.L. Sreenivasulu, P. Chenna Reddy, “Secure Data Aggregation for Wireless Sensor Networks using Double Cluster Head Approach”, Journal of Engineering Science and Technology Review, Vol. 10, Issue. 2, June 2017, pg. 75- 79, ISSN: 1791-2377, **Scopus Indexed, Impact factor: 0.94,** <http://www.jestr.org/downloads/Volume10Issue2/fulltext81022017.pdf>.
4. N. Ramanjaneya Reddy, Dr.P.Chenna Reddy, Dr. M. Padmavathama, “An Enhanced Queue Management Scheme for Eradicating Congestion of TFRC over Wired Environment”, International Journal of Electrical and Computer Engineering”, Vol. 10, No. 3, June 2017, ISSN: 2088-8708, DOI : 10.11591/ijece.v7i3, pp: 1347-1354, **Scopus Indexed, Impact factor: 0.35.**
5. Madhu, S., Raju, M.B. and Reddy, P.C., 2017, “Enhancing Transport of Media Using Physical Layer Based Approach”, International Journal of Applied Engineering Research, 12(8), pp.1564-1575, **Scopus Indexed, Impact factor: 0.19,** <https://ieeexplore.ieee.org/iel7/8106917/8117671/08117725.pdf>.
6. K. Ramesh Rao, Dr. S.N. Tirumala Rao, P. Chenna Reddy, “Wireless Communication security and Privacy issues and Challenges”, International Journal of Computer science and information security, Vol. 15, No. 7, July 2017, ISSN: 1947-5500, http://www.academia.edu/34148630/Wireless_Communication_Security_and_Privacy_issues_and_Challenges.
7. ChowdamSreedhar, NagulapallyKasiviswanath and PakantiChenna Reddy, “Clustering large datasets using K-means modified inter and intra clustering (KM-I2C) in Hadoop”, Journal of Big Data, Sep. 2017, ISSN: 2196-1115, DOI 10.1186/s40537-017-0087-2, **impact factor: 0.69, Scopus indexed, Springer Publication.**
8. N. Ramanjaneya Reddy, Dr.P.Chenna Reddy, Dr. M. Padmavathama, “Efficient Traffic Engineering Strategies for Improving the Performance of TCP Friendly Rate Control Protocol”, Future Internet — Open Access Journal, ISSN: 1999-5903, Vol.9, issue: 74,doi: 10.3390/fi9040074 – 1, November, 2017, indexed in **Scopus and Emerging sources citation index, impact factor: 0.32.**

9. Girija, J., GN Krishna Murthy, and PC Chenna Reddy, "Gradient Analysis of 3-D Image Sequence using DTCWT and DD DTCWT", International Journal of Electronics, Electrical, and Computational System, Vol. 6, Issue 9, ISSN 2348-117x, 2017.

2018

1. P. Chenna Reddy, "Use of ants foraging behaviour for routing in ad hoc networks", Int. J. Ad Hoc and Ubiquitous Computing, Vol. 27, No. 1, 2018, pp.34–57, ISSN: 17438225, published by Inderscience Enterprises, **Scopus indexed, SCI indexed, impact factor: 0.82**, <https://www.inderscienceonline.com/doi/full/10.1504/IJAHUC.2018.088352>.
2. S Madhu, Dr M Bal Raju, Dr PChenna Reddy, "Evaluation of Video Transmission over Wireless Network with CLD Approach", Indian Journal of Computer Science and Engineering (IJCSE), Vol.8 No.6, Dec 2017- Jan 2018, pg: 666-673, ISSN: 0976-5166, <http://www.ijcse.com/docs/INDJCSE17-08-06-010.pdf>.
3. Y. Gangadhar, V. S. GiridharAkula, P. Chenna Reddy, " An Evolutionary Programming Approach for Securing Medical Images using Watermarking Scheme in Invariant Discrete Wavelet Transformation", Biomedical Signal Processing and Control, Vol. 43, May 2018, pg: 31-40, **Scopus indexed, SCI indexed, impact factor: 2.214**, DOI: [10.1016/j.bspc.2018.02.007](https://doi.org/10.1016/j.bspc.2018.02.007)
4. Girija J, Dr. G.N. Krishna Murthy , Dr. P. C. Chenna Reddy, "Multimodal 3D medical image registration algorithm using dual tree complex wavelet sub band", International Journal of Engineering & Technology, Vol. 7, 2018. **Scopus indexed, impact factor: 0.3**, <https://doi.org/10.20943/01201801.3440>.
5. Girija, J., Krishna GN Murthy, and P. Chenna Reddy, "Fast Registration Algorithm for 3D Medical Images using Double Density Dual Tree Complex Wavelet Transform and Bi-directional Prediction," International Journal of Computer Science Issues (IJCSI), Vol. 15, Issue 1, pp.34-40, 2018. DOI: 10.20943/01201801.3440
6. Srinivasa Rao, T.Y. &Chenna Reddy, "Content and context based image retrieval classification based on firefly-neural network" P. Multimed Tools Appl (2018). **Scopus indexed, SCI indexed, impact factor: 1.5**, DOI: 10.1007/s11042-018-6224-x
7. K. Ramesh Rao, S.N.Tirumala Rao, P. Chenna Reddy, " An Effective Data Privacy Mechanism through Secure Session Key Exchange Model for MANET", International Journal of Electrical and Computer Engineering (IJECE), Vol. 8, No. 5, October 2018, pp. 3267~3277 ISSN: 2088-8708, DOI: 10.11591/ijece.v8i5.pp.3267-3277
8. Vivekananda, G.N., and Chenna Reddy, P., "Performance evaluation of TCP, UDP, and SCTP in MANETS", ARPN Journal of Engineering and Applied Sciences, Vol.13, No.9, 2018, pp.3087-3092. **Scopus Indexed, Impact factor: 0.49**, <https://oarklibrary.com/file/2/d2fde555-ccda-46bf-a46f-c5d650b47b34/602ed3ca-e5f7-476d-ba9d-2bbbe4dcafdc.pdf>
9. Vivekananda, G.N., and Chenna Reddy, P., "Efficient Video Transmission Technique using Clustering and Optimization Algorithms in MANETs", Int. J. Advanced

Intelligence Paradigms, [Accepted- In Press]. **Inderscience**, 2018, **Scopus Indexed, Impact factor: 0.591**, https://www.researchgate.net/publication/330337192_Efficient_Video_Transmission_Technique_using_Clustering_and_Optimization_Algorithms_in_MANETs

10.K. Ramesh Rao, S. N. Tirumala Rao, and P. Chenna Reddy, “Node Activities Learning (NAL) Approach to Build Secure and Privacy-Preserving Routing in Wireless Sensor Networks”, *International Journal of Communication Networks and Information Security (IJCNIS)*, ISSN: 2073-607x, Vol. 10, No. 3, December 2018, pp. 546-551. - **Scopus Indexed, impact factor: 0.23**, <https://www.prdb.pk/article/node-activities-learning-nal-approach-to-build-secure-and-pr-5158>.

2019

1. Vivekananda, G.N., and Chenna Reddy, P., “Packet Loss Minimizing Approach Based on Traffic Prediction for Multi-streaming Communication over MANET”, *Int. J. of Wireless and Mobile Computing*, Vol. 17, No.1, ISSN: 1741-1092, **Inderscience**, 2019, **Scopus Indexed, Impact factor: 0.5**, <https://www.inderscienceonline.com/doi/abs/10.1504/IJWMC.2019.100979>
2. Vivekananda, G.N., Chenna Reddy, P., and Ilknur Aydin., “A Congestion Avoidance Mechanism in Multimedia Transmission over MANET using Multi-streaming”, *Multimedia Tools and Applications*, Springer, Feb. 2019, **SCI indexed, Impact factor: 2.477**, <https://www.semanticscholar.org/paper/A-congestion-avoidance-mechanism-in-multimedia-over-VivekanandaG-ChennaReddy/9b7e27746ece34931df7525c927722b491eb1d0a>.
3. K.Ramesh Rao, Dr. S.N.Tirumala Rao, Prof. P. Chenna Reddy, “A Belief forecasting methodology to preserve data security and privacy in MANET routing”, *Journal of Theoretical and Applied Information Technology*, Vo. 97, No. 10, May 2019, pp: 2750-2760, ISSN: 1992-8645, <http://www.jatit.org/volumes/Vol97No10/9Vol97No10.pdf>.

2020

1. A.L. Sreenivasulu, P. Chenna Reddy, “NLDA non-linear regression model for preserving data privacy in wireless sensor networks”, *Journal of Digital Communications and Networks*, Vol. 6, Issue. 1, Feb. 2020, pg. 101-107, ISSN: 2352-8648, **SCI Indexed, Impact factor: 3.4**. DOI: <https://doi.org/10.1016/j.dcan.2019.01.004>.
2. B. Srikala, P. Chenna Reddy, “Criminal Recognition and Alert System”, *GIS Science Journal*, Vol. 7, Issue 12, 2020, pg: 969-976, ISSN: 1869-9391, **Scopus Indexed, impact factor: 0.18**. VOLUME7, ISSUE 12, 2020 (gisscience.net), <https://drive.google.com/file/d/1guTVyMLy7FaWV1bVgHzShvmNplvj4wv/view?usp=sharing>

2021

1. Srinivasa Reddy, A., Chenna Reddy, P., "MRI brain tumor segmentation and prediction using modified region growing and adaptive SVM", *Soft Computing*, DOI: [10.1007/s00500-020-05493-4](https://doi.org/10.1007/s00500-020-05493-4), EID: 2-s2.0-85099307827, *Part of ISSN: 14337479 14327643*, 2021.

b. International/ National Conferences:

2003

1. P. Chenna Reddy, and A. Anil Kumar Reddy, "e_Governance – A Step towards Real Democracy", in Proc. of National Conference on Role of Engineers in e_Governance, Dec 15-16, 2003, S.V. University College of Engg, Tirupati
2. P. Chenna Reddy, A. Anil Kumar Reddy, and Dr. P. ChandraSekhar Reddy, "Multimedia in Adhoc Networks", in Proc. of International Conference on e-Governance and Digital Libraries, Oct. 16-17, 2003, International Institute of Professional Studies, Devi Ahilya University, Indore
3. P. Chenna Reddy, and Dr. P. ChandraSekhar Reddy, "Quality of Service in Routing Protocols for Adhoc Networks", in Proc. of International Conference on Wireless Communication Networks, June 27-29, 2003, SSN College of Engineering, Chennai

2004

1. C. Shoba Bindu, P. Chenna Reddy, and Dr. P. ChandraSekhar Reddy, "Security in Mobile Adhoc Networks", in Proc. of National Conference on Mobile Computing and Networking, Sept 30th to Oct 2nd, 2004, VIT, Vellore

2005

1. P. Chenna Reddy, and Dr. P. ChandraSekhar Reddy, "Cross Layer Approach for QOS in Mobile Networks", in Proc. of 5th National Conference on Advanced Computing, Dec. 23-24, 2005, PSG College of Technology, Coimbatore
2. P. Chenna Reddy, and Dr. P. ChandraSekhar Reddy, "QOS in a Heterogeneous Networking Environment", in Proc. of National Conference on Emerging Computational Techniques and their Applications, Oct 22-23, 2005, Jai Narain Vyas University, Jodhpur

2006

1. P. Chenna Reddy, and Dr. P. ChandraSekhar Reddy, "Performance analysis of adhoc network routing protocols", in Proc. of ADCOM 2006 - International Symposium on AdHoc and Ubiquitous Computing (ISAHUC'06), Dec 22-25, 2006, NITK, Surathkal, Citations: 60, DOI: [10.1109/ISAHUC.2006.4290671](https://doi.org/10.1109/ISAHUC.2006.4290671), **Scopus Indexed**.

2.P. Chenna Reddy, and Dr. P. ChandraSekhar Reddy, "Quality of Service using IEEE 802.11e", in Proc. of 3rd International conference on Mobile Ubiquitous and Pervasive Computing, Dec 18-19, 2006, Vellore

2010

1. V. Lokeswara Reddy, Dr. A. Subramanyam, Dr. P. Chenna Reddy, "Implementation of LSB Steganography and its Evaluation for Various File Formats", in Proc. of International Conference

on Recent trends in Computing and Communications, Dec. 18-19, 2010, KCG College of Technology, Chennai

2. V. Lokeswara Reddy, Dr. A. Subramanyam, Dr. P. Chenna Reddy, “An overview of LSB Image Steganography and its Evaluation for Various Bits”, in Proc. of National Conference on Network Technologies, Dec. 29, 2010, Sri Venkateswara College of Engineering and Technology, Chittoor

2011

1.N. Ramanjaneya Reddy, M. Hanumanthu, Dr. P. Chenna Reddy, Dr. M. Padmavathamma, “Secure Data Transmission using Hybrid Technique”, in Proc. of International Conference on Recent Advances in Computing Technology, Mar. 30-31, 2011, Bharath University, Chennai

2.V. Lokeswara Reddy, Dr. A. Subramanyam, Dr. P. Chenna Reddy, “Secured File Transmission using LSB Steganography”, in Proc. of AICTE Sponsored National conference on High Performance computing and Networking, Aug. 13-14, 2011, Annamacharya institute of technology & sciences, Rajampet, ISBN: 978-93-81583-00-5.

3. V.Lokeswar Reddy, Dr A.Subhramanyam, Dr P. Chenna Reddy, “SteganPEG Steganography + JPEG”, in Proc. of IEEE International Conference on Ubiquitous Computing and Multimedia Applications, April. 13-15, 2011, Hannam University, Daejeon, Korea, Citations: 3, ISBN: 978-1-4577-0571-7, DOI: 10.1109/UCMA.2011.17, **Scopus Indexed..**

4. B.Jagadeesh, P.Rajesh kumar, Dr P. Chenna Reddy, “An Edge Detection based Oblivious Image Watermarking method using Singular value Decomposition”, in Proc. Of International Conference on Information and Communication Technology, 24th De

2012

1. Pathan Mohd. Shafi, Dr Abdul Sattar, Dr P. Chenna Reddy, “Extending Public Key Cryptography with Kerberos Authentication Protocol to Location Based Security”, in Proc. of UGC Sponsored 1st National Conference on Communications, Networking and Mobile Computing, Jan. 20-21, 2012, JNTUA College of Engineering, Pulivendula

2.R.Lalu Naik, Dr P. Chenna Reddy, U.Sathish Kumar, M.L.Gangadhara Rao, “Multiparty Secure Communication by using Quantum Key Distribution Protocols”, in Proc. of UGC Sponsored 1st National Conference on Communications, Networking and Mobile Computing, Jan. 20-21, 2012, JNTUA College of Engineering, Pulivendula

3.V.Lokeswar Reddy, Dr A.Subhramanyam, Dr P. Chenna Reddy, “Implementation of LSB Image Stengography”, in Proc. of UGC Sponsored 1st National Conference on Communications, Networking and Mobile Computing, Jan. 20-21, 2012, JNTUA College of Engineering, Pulivendula

4.R.Siva Sankara Reddy, Dr P. Chenna Reddy, “Clustering Techniques based on Generalizations of Graph Partitioning”, in Proc. of UGC Sponsored 1st National Conference on Communications, Networking and Mobile Computing, Jan. 20-21, 2012, JNTUA College of Engineering, Pulivendula

5.A.L. Srinivasulu, Dr P. Chenna Reddy, “Distributed Data Aggregation with Geographical Routing for Maximizing Lifetime of Wireless Sensor Networks”, in Proc. of UGC Sponsored 1st National Conference

on Communications, Networking and Mobile Computing, Jan. 20-21, 2012, JNTUA College of Engineering, Pulivendula

6.T.Sunil Kumar Reddy, Dr.P.Venkat Krishna, Dr P. Chenna Reddy, “An Analysis of Various Task Scheduling Algorithms In High Performance Computational Grids”, in Proc. of UGC Sponsored 1st National Conference on Communications, Networking and Mobile Computing, Jan. 20-21, 2012, JNTUA College of Engineering, Pulivendula

7.Geeta Reddy J, N.Uday Bhaskar, Dr P. Chenna Reddy, “A Framework for XML Web Services Retrieval With Ranking ”, in Proc. of UGC Sponsored 1st National Conference on Communications, Networking and Mobile Computing, Jan. 20-21, 2012, JNTUA College of Engineering, Pulivendula

8.N.Ramanjaneya Reddy, Dr P. Chenna Reddy, Prof M. Padmavatamma, “Design of a new Security Protocol Using Cross-Cipher Stream”, in Proc. of UGC Sponsored 1st National Conference on Communications, Networking and Mobile Computing, Jan. 20-21, 2012, JNTUA College of Engineering, Pulivendula

9.B.Jagadeesh, P.Rajesh kumar, Dr P. Chenna Reddy, “An Image Watermarking Scheme Based On Discrete Cosine Transform Using Genetic Algorithm”, in Proc. of UGC Sponsored 1st National Conference on Communications, Networking and Mobile Computing, Jan. 20-21, 2012, JNTUA College of Engineering, Pulivendula

10.M. Jagadeeswara Reddy, P. Suman Prakash, Dr. P. Chenna Reddy,”Homogeneous and Heterogeneous Energy Schemes for Hierarchical Cluster based Routing Protocols in WSN: A Survey”, in Proc. Of ITC 2012, Lecture Notes on Electrical Engineering published by Springer, Vol. 150, ISBN: 178-1-4614-3362-0, Aug. 3-3, 2012, pp: 456-459, Citations: 1, DOI: 10.1007/978-1-4614-3363-7_70, **Scopus Indexed.**

11. T. Nishitha, Dr. P. Chenna Reddy, “Performance Evaluation of AntHocNet Routing Algorithm in Adhoc Networks”, in Proc. Of Turing 100 – IEEE International Conference on Computing Sciences, ISBN: 978-1-4673-2647, DOI: [10.1109/ICCS.2012.58](https://doi.org/10.1109/ICCS.2012.58), 14-15 Sept, 2012, Lovely Professional University, Phagwara, Punjab, citations: 1, DOI: [10.1109/ICCS.2012.58](https://doi.org/10.1109/ICCS.2012.58), **Scopus Indexed.**

12. V.Lokeswar Reddy, Dr A.Subhramanyam, Dr P. Chenna Reddy, “Implementation of Least Significant Bit Steganography and Statistical Steganalysis”, in Proc. of ACM CCSEIT-12, Oct. 26-28, 2012, Coimbatore, DOI: 10.1145/2393216.2393328, **Scopus Indexed.**

13. B. Reshma Yusuf, Dr. P. Chenna Reddy,”Evolving Efficient Algorithms using Option trees for Stream Data Mining”, in Proc. Of Elsevier International Conference on Emerging trends in Electrical, Communication and Information Technologies, ICECIT-12, 21-23 Dec, 2012, SRIT, Anantapur, pp: 193-202, ISBN: 8131234118.

2013

1. Dr. P. Chenna Reddy, "Use of Self-organization in Computer Network", in Proc. Of International Conference on Mathematical Computer Engineering, Nov. 29-30, 2013, VIT, Chennai, ISBN: 978-93-82338-90-1.
2. Geetha j uday Bhaskar p chenna reddy , "Green Scheduling: Supporting Energy Efficient Scheduling In Hadoop", *CISP 2013*, 2013.
3. B.Jagadeesh, P.Rajesh kumar, Dr P. Chenna Reddy, "Robust Digital Image Watermarking in Discrete Wavelet Transform Domain using Back Propagation Neural Networks", in Proc. Of 2nd International Conference on Recent Advances in Mathematical Sciences and Applications

2014

1. B.Jagadeesh, P.Rajesh kumar, Dr P. Chenna Reddy, "Fuzzy Inference System Based Robust Digital Image Watermarking Technique using Discrete Cosine Transform", in Proc. Of International Conference on Information and Communication Technologies, Dec. 3-5, 2014, ISSN: 1877-0509, Kochi, India, Published by Elsevier as Procedia Computer Science, Vol. 46, pp: 1618 – 1625, [doi:10.1016/j.procs.2015.02.095](https://doi.org/10.1016/j.procs.2015.02.095), **Scopus Indexed.**

2015

- 1.N. Ramanjaneya Reddy, Dr. P. Chenna Reddy, Dr. M. Padmavathamma, "Performance Comparison of TCP, UDP and TFRC in Wired Networks", in Proc. Of IEEE International conference on computational intelligence and communication technology", held during 13-14 Feb. 2015, at Ghaziabad, U.P., DOI 10.1109/CICT.2015.37, pp: 257-263, **Scopus Indexed.**
2. Dr. P. Chenna Reddy, "Analysis of Teaching Computer Programming in Indian Context", in Proc. Of 2nd International Conference on Transformations in Engineering Education held during Jan 6-8th, 2015 at BMS College of Engineering, Bangalore organized by BMS College of Engineering and Indo-US Collaboration of Engineering Education (IUCEE), eISSN: 2394-1707.
3. RajaSekahar Rajaboina, Dr. P. Chenna Reddy, and Raja Ashok Kumar, "Performance Comparison of TCP, UDP, and TFRC in Static Wireless Environment", in Proc. Of IEEE sponsored 2nd International Conference of Electronics and Communication Systems held during 26-27 Feb. 2015, at Karpagam College of Engineering, Coimbatore, Vol.1, pp: 206-212, Coimbatore, DOI: [10.1109/ECS.2015.7124893](https://doi.org/10.1109/ECS.2015.7124893), ISBN: 978-1-4799-7224-1, **Scopus Indexed.**
4. R.Anusha, Dr. P. Chenna Reddy, "Comaprison of AODV and AntHocNet in Static Wireless Network", in 6th International Conference on Advances in Communication, Network and Computing held on 28 Mar. 2015, at Chennai, pp: 28-38, ISSN: 2277-548X.
5. Y. Lakshmi Prasanna, Dr. P. Chenna Reddy, "Analysis of AntHocNet and AODV Performance using NS2", in 6th International Conference on Advances in Communication, Network and Computing held On 28 Mar. 2015, at Chennai, pp: 19-27, ISSN: 2277-548X.

6. B. Aruna Kumari, Dr. P. Chenna Reddy, "TCP RENO, SACK and VEGAS Performance Analysis", in 6th International Conference on Advances in Communication, Network and Computing held on 28 Mar. 2015, at Chennai, pp: 105-117, ISSN: 2277-548X.
7. G.N. Vivekananda, P. Chenna Reddy, "Critical Analysis of Cross-Layer Approach", in Proc. Of International Conference on Green Computing and Internet of Things, Oct. 8-10, 2015, ISBN: 978-1-4673-7909-0, Greater Noida, New Delhi, India, pp: 12-16, Published by IEEE, DOI: 10.1109/ICGCIoT.2015.7380419, **Scopus Indexed**.
8. D. Renuka, P.Chenna Reddy, "Integrated Classical and Quantum Cryptography Scheme using Three party Authenticated Key Distribution Protocols", in Proc. Of International conference on Processing of Materials, Minerals and Energy, July 29-30, Ongole, India, Published by Elsevier in Material Today: Proceedings, ISSN: 22147853, **Scopus Indexed, Impact factor: 0.84**.

2016

1. N. Ramanjaneya Reddy, Dr.P.ChennaReddy,Dr M. Padmavathama, " Study the impact of Carmichael function on RSA", Springer Singapore CCIS 628, August-2016, pg: 752-756. DOI 10.1007/978-981-10-3433-6_90. **Scopus Indexed, Impact factor: 0.16**.
2. C. Ramakristanaiah, P. Chenna Reddy, R. Praveen Sam, "Evaluation of starvation problem under saturated loads in IEEE 802.11e", IEEE International Conference on Emerging Technological Trends (ICETT), 21-22 October 2016, DOI: 10.1109/ICETT.2016.7873651, **Scopus Indexed**.
3. E.Priyanka, Dr. P.Chenna Reddy, "Performance evaluation of video streaming using TFRC, modified TFRC over wired networks", IEEE International Conference on Communication and Electronics Systems (ICCES), 21-22 October 2016, DOI: 10.1109/CESYS.2016.7889938, **Scopus Indexed**.
4. B. Jayalalitha, P. Chenna Reddy, "Design of an ANT based routing algorithm for mobile ad-hoc networks", IEEE International Conference on Communication and Electronics Systems (ICCES), 21-22 October 2016, DOI: 10.1109/CESYS.2016.7889850, **Scopus Indexed**.
5. ThambakuriSamatha, P. Chenna Reddy, "Performance evaluation of TFRC for video streaming over wireless networks", IEEE International Conference on Communication and Electronics Systems (ICCES), 21-22 October 2016, DOI: 10.1109/CESYS.2016.7889821, **Scopus Indexed**.
6. D. Madhuri, P. Chenna Reddy, " Performance comparison of TCP, UDP and SCTP in a wired network" IEEEInternational Conference on Communication and Electronics Systems (ICCES), 21-22 October 2016, DOI: 10.1109/CESYS.2016.7889934, **Scopus Indexed**.
7. P. Shobanbabu, P. Chenna Reddy, "Ant based routing algorithm for videostreaming", IEEE International Conference on Communication and Electronics Systems (ICCES), 21-22 October 2016, DOI: 10.1109/CESYS.2016.7889857, **Scopus Indexed**.

8. Y. Gangadhar, V. S. GiridharAkula, P. Chenna Reddy, "A Survey on Geometric invariant watermarking techniques", In Computational Intelligence and Computing Research (ICCIC), 2016 IEEE International Conference, 15-17 Dec. 2016, pp. 1-5. IEEE, DOI: 10.1109/ICCIC.2016.7919557, **Scopus Indexed.**
9. Ramakrishnaiah, N. and Reddy, P.C., 2016, September, "Tree based variable length address autoconfiguration protocol for mobile ad hoc networks," International Conference on In Advances in Computing, Communication, & Automation (ICACCA)(Fall), (pp. 1-6). IEEE,DOI: 10.1109/ICACCAF.2016.7748983, **Scopus Indexed.**
10. Ramakrishnaiah, N., Reddy, P.C. and Sahadevaiah, K., 2016, "Performance Analysis of Dynamic Addressing Scheme with DSR, DSDV and ZRP Routing Protocols in Wireless Ad Hoc Networks.," In Proceedings of First International Conference on Information and Communication Technology for Intelligent Systems: Volume 1 (pp. 41-50). Springer International Publishing, DOI: 10.1007/978-3-319-30933-0_5, **Scopus Indexed.**

2017

1. G.N. Vivekananda, P. Chenna Reddy, "Critical Analysis of Congestion control for the Future Networks", Emerging Trends in Electrical, Communications and Information Technologies: Proceedings of ICECIT-2015. Springer Singapore, 2017, pg: 175-182, DOI 10.1007/978-981-10-1540-3_18, **Scopus indexed, impact factor: 0.15.**
2. S Madhu, Dr M Bal Raju, Dr P Chenna Reddy "Enhancing Transport of Media Using MAC Layer Based Approach ", 2017 International Conference on Computer Communication and Informatics (ICCCI -2017), 2017.
3. Girija, J., GN Krishna Murthy, and P. Chenna Reddy. "4D medical image registration: A survey." In 2017 International Conference on Intelligent Sustainable Systems (ICISS), pp. 539-547. IEEE, 2017, [4D medical image registration: A survey | Semantic Scholar](#).

2018

1. Girija, J., GN Krishna Murthy, and P. Chenna Reddy. "Comparative study of DWT and DTCWT for 3D Medical Image Registration," International Conference on Advances in computer Science and Technology (IC-ACT'18), 2018, <http://www.ijetjournal.org/Special-Issues/ICACT18/ICACT18103.pdf>.

c. Book/Book Chapters:

S.NO	Title of Book/Chapter	Name of the Publication, edition and year	Book/ Book Chapter
1	Computer Fundamentals and C Programming	2 nd Edition, BS Publications, 2018	Computer Fundamentals and C Programming

6. Workshops/Training Programs/FDPs attended and Organized (for the last three years):

a. Workshops Organized :

S.No	Workshops	Place	Duration
1.	2-day National level Student Technical Symposium PIXEL – 2K5.	JNTU, Anantapur	DEC,2005
2.	“Recent Trends in Computer Networks	JNTU, Anantapur	Mar,2006
3.	Intra college Student Technical Symposium Sarvagya - 2k8	JNTU, Pulivendula	Dec,2008
4.	Technical Symposium Sarvagya – 2k10	JNTU, Pulivendula	Feb,2010
5	UGC Sponsored National Workshop for staff	JNTU, Pulivendula	Dec,2011
6.	National Conference for staff, “Communication, Networking and Mobile Computing”	JNTU, Pulivendula	Jan,2012
7.	Entrepreneurship	JNTU, Anantapur	29 th March,2016
1	3-day workshop Technical Expo for Startups	JNTU, Anantapur	Feb 17-19, 2017
2	one-day University level Engineering TechFest	JNTU, Anantapur	Jan. 27 th , 2018
3	3-day workshop on Entrepreneurship, Innovation, and Startups	JNTU, Anantapur	29-31 st August, 2018
4	1-day Andhra Pradesh YatraBootCamp	JNTU, Anantapur	31 st August 2018
5	I- Made Digital Campus Initiative Workshop	JNTU, Anantapur	Feb. 22 nd , 2019
6	one-day workshop on Cognitive Skills, Design Thinking and Critical Thinking	JNTU, Anantapur	Feb 23 rd , 2019
7	3-day workshop on Entrepreneurship, Innovation, and Startups	JNTUA College of Engineering,	20-22, August, 2019

		Anantapur	
8	3-day workshop on Web Design using Mean Stack	JNTUA College of Engineering, Anantapur	26-28, September, 2019
9	CODE 2 WIN HACKFEST, a 10 hours Hackathon	JNTUA College of Engineering, Anantapur	2 nd May, 2021

c. Training Programs/FDPs Organized

S.No	Training Programs/FDPs	Place	Duration
1	Augmented Reality/Virtual Reality	JNTUA College of Engineering, Anantapur	Jan 5 th to 9 th , 2021
2	Cyber Security	JNTUA College of Engineering, Anantapur	Dec. 16-20,
3	Data Science-Foundations and Research Issues	Online	19 th -29 th Oct, 2021

d. Training Programs/FDPs Attended

S.No	Training Programs/FDPs	Place	Duration
1	Entrepreneurship Essentials	IIT Kharagpur	February - April 2019
2	Fundamentals of Artificial Intelligence	IIT Kharagpur	August - December 2020
3	Internet of Things (IoT)	Andhra Pradesh State Skill Development Corporation (APSSDC)	1-6-2020 to 13-06-2020
4	Mathematical Modeling and Simulation for Scientists & Engineers	JNTUACEA, Anantapur	24-02-2020 to 07-03-2020
5	Awareness on OBE for Preparation and Applying to NAAC	JNTUACEA, Anantapur	11 th Nov. 2019

d. Workshops attended:

- A 3-week UGC Sponsored Orientation course on Value Education from 17-01-2005 to 12-02-2005 at UGC Academic staff college, JNTUH, Hyderabad.
- A 3-week UGC Sponsored Refresher course on Network Programming from 29-10-2003 to 18-11-2003 at UGC Academic staff college, JNTUH, Hyderabad.

- A 3- week UGC Sponsored Refresher course on VLSD Design from 03-06-2002 to 22-06-2002 at UGC Academic staff college, JNTUH, Hyderabad.
- A 1-week Training Course on IBM Rational Rose Software at JNTUA College of Engineering, Pulivendula
- A 1-day National Workshop on “Technology trends in Mobile Computing and Communications”, on April. 10th, 2004 at Indian Institute of Information Technology, Bangalore
- A 1-day National Seminar on “Intellectual Property rights-Academic and Technological Dimensions (An Indian Perspective)”, on January 11th, 2006 at JNTUH, Hyderabad
- A 2-day “National programme (workshop) on Technology Enhanced Learning (IIT Madras)” on 31-08-2012 and 01-09-2012 at NIT, Warangal
- A 3-day Phase-II workshop on “Training of Evaluators/Resource persons on Outcome Based Accreditation”, from 1st – 3rd July, 2013 at JNTUA NBA Nodal Centre, Anantapuramu
- A 5-day workshop on “Managing Excellence in Academic Institutions for Heads of Institution/Department for TEQIP institutions”, from Sept. 30th to Oct.4th, 2013, at Administrative staff college of India, Bella Vista, Hyderabad.
- A 2-day National level workshop on “Digital Image Processing and Pattern recognition using MATLAB”, from 24th – 25th Jan. 2014, at JNTUA College of Engineering, Pulivendula.
- A one-week Intensive Training programme on “Incorporation of Pedagogy in Engineering Education”, from 3rd – 7th Feb. 2014, at IISC, Bangalore
- A 3-day Workshop on “Cloud Computing in Academics and Research”, from 4th – 6th April, 2014 at JNTUA College of Engineering, Pulivendula, A.P.
- A one-day IEEE Authorship Workshop on “How to Publish a Technical Paper with IEEE”, on 12th August, 2014 at the Indian Institute of Science, Bangalore.
- A two-day IEEE Workshop on “IEEE Smart Tech – Internet of Things track” during 26th – 27th September, 2014 at Hotel Lalit Ashok, Bangalore organized by IEEE Bangalore Section.
- A one-day workshop on “Learning Platform for Better Outcomes” conducted by ‘Inpods’ on January 5, 2015 as part of the Pre-conference Workshop activity of ICTIIEE-2015

jointly organized by BMS College of Engineering and Indo-US Collaboration for Engineering Education (IUCEE).

- A one-day workshop on “Automation of Curriculum Design & Attainment for OBE” conducted by ‘IonIdea Inc.’ on January 5, 2015 as part of the Pre-conference Workshop activity of ICTIEE-2015 jointly organized by BMS College of Engineering and Indo-US Collaboration for Engineering Education (IUCEE).
- A one-day workshop on “Effective Teaching and Learning” on January 6, 2015 as part of the Pre-conference Workshop activity of ICTIEE-2015 jointly organized by BMS College of Engineering and Indo-US Collaboration for Engineering Education (IUCEE).
- A four-day workshop on “Cyber Security & Forensic Investigation” conducted by Engineering staff college of India, Hyderabad during July 27-30, 2015 at ESIC, Gachibowli, Hyderabad.
- A four-week MOOC Course (Honor Code Certificate) on “Introduction to Cloud Computing” Offered by IEEEEx, an online learning initiative of IEEE through edX.
- A one-day workshop on “Awareness on creating Centres of Excellence” conducted by JNTUA, Ananthapuramu on 26th June, 2015 at JNTUA College of Engineering (Autonomous), Ananthapuramu.
- A 2-day workshop on “Teacher Effectiveness: Nurturing your well-being” on Dec 6th and 7th 2015 at IIT, Hyderabad.
- An NPTEL Course (8 weeks) on “Entrepreneurship Essentials” with Consolidated Score of 94% which is offered by IIT Kharagpur and SWAYAM during February - April 2019. (Elite: Gold Certificate, Top 5 %)
- A 2-day workshop on “Development of MOOCs and Production Techniques”, on Jan. 17-18, 2020 at JNTUACEA, Anantapur.
- A Webinar on “Development of Rural Economy – Challenges and Opportunities”, on 27th July, 2020.
- A Two-Week Faculty Development Program on “Mathematical Modeling and Simulation for Scientists & Engineers”, from 24-02-2020 to 07-03-2020, organized by JNTUACEA, Anantapur.

- A One-day Faculty Development Program on “Awareness on OBE for Preparation and Applying to NAAC”, on 11th Nov. 2019, organized by JNTUACEA, Anantapur.
- A Two-Week Faculty Development Program on “Internet of Things (IoT)”, from 1-6-2020 to 13-06-2020, organized by Andhra Pradesh State Skill Development Corporation (APSSDC).
- Completed a Specialization on Virtual Reality, a MOOC course of Coursera organized by University of London, London which consists of the following five courses
 1. Introduction to Virtual Reality
 2. 3D models for Virtual Reality
 3. 3D Interaction Design in Virtual Reality
 4. Building Interactive 3D Characters and Social VR
 5. Making your First Virtual reality Game
- An NPTEL Course (12 weeks) on “Fundamentals of Artificial Intelligence” with Consolidated Score of 72% which is offered by IIT Kharagpur and SWAYAM during August - December 2020.
- Five Day Innovation Series on “Patent Search and Filing” conducted by Turnip Innovations along with Andhra University during 16th -20th Feb. 2021.
- A One-day Workshop on “Effective and Efficient Online Teaching” conducted by BodhiTree Platform: IIT Bombay.

e. Keynotes/ Session Chairs/Seminars:

1. Served as Guest of Honour for Android Developer Fundamentals workshop jointly organized by SVCE, Tirupati, JNTUA, APSSDC and Google at SVCE, Tirupati from 24-7-2017 to 28-7-2017.
2. Served as Chief Guest for Smart India Hackathon-2018 held at Brindavan Institute of Technology and Science during 30-31 March. 2018.
3. Served as Chief Guest for 3-day Entrepreneurship Awareness Camp held at Gates Institute of Technology, Gooty on 24th October, 2019.
4. Served as Judge of the event for “University level NSS Youth Festival-2020” on 23rd January, 2020 at JNTUA, Anantapur.

5. Served as Resource person at one-day workshop on Cognitive Skills, Design Thinking and Critical Thinking, held on Feb 23rd, 2019 at JNT University Anantapur.
6. Served as Resource person at 3-day workshop on Entrepreneurship, Innovation, and Startups held between 20-22, August, 2019 at JNTUA College of Engineering, Anantapur.
7. Served as Resource person at One Week Faculty Development Program on Design Thinking held between 20-25, January, 2020 at SreeVidyanikethan Engineering College, Tirupathi.
8. Served as Resource person at Two Week Refresher Course on Internet of Things (IoT) held between 07-19, September 2020 at UGC-Human Resource Development Centre, JNTUH, Kukatpally, Hyderabad.
9. Served as Resource person at AICTE sponsored Phase-I Short Term Training Program on “Technical Writing and Research Methodology”, held between Nov. 30th to Dec. 5th 2020, at CBIT, Proddatur, YSR-Kadapa District.

7. Academic Details

a. Subjects courses taken/Labs

Academic year	I Sem	II Sem
2021-2022	Digital Forensics & Cyber laws Computer Networks Computer Networks Lab	
2020-2021	Advanced Network Technologies Problem Solving and Computer Programming Problem Solving and Computer Programming Lab	Computer Networks Software Engineering Lab
2019-2020	Problem Solving and Computer Programming Skill Development Course	Operating System Operating systems lab
2018-2019	Advanced Network Technologies	Computer Networks
2017-2018	Computer Networks	Computer Networks
2016-2017	Operating System	PSCP

b. B.Tech Projects Guided

S.No	Admission No	Title of the Project	Year
1	18005A0507 17001A0528 18005A0505	Smart Attendance using QR code scanner and facial recognition	2021
2	17001A0541 18005A0501 18005A0504	Death war (VR Game)	2021
3	17005A0513	Virtual Personal Assistant	2020

	17005A0509 16001A0553		
4	16001A0552 16001A0543 17001A0501	Advertising Agency	2020
5	15001A0552 15001A0555	Online Event Management system	2019
6	15001A0532 15001A0533	Virtual Dressing	2019
7	15001A0507 15001A0530	Weed Removal Machine	2019
8	15001A0502 15001A0520	Synergy of Orphans	2019
9	14001A0502 14001A0512	Pre-order of food	2018
10	14001A0552 14001A0550	Online result management	2018
11	14001A0504 14001A0501	Intruder Alert system	2018
12	15005A0506 15005A0504	Automatic water pump control	2018
13	13001A0524 13001A0541	An Application for storing and sharing files	2017
14	13001A0530 13001A0559	Employee Monitoring	2017
15	13001a0504	Website Designing Tool	2017
16	13001A0534 13001A0558	An Application for Work Coordination System	2017

c. M.Tech Projects Guided

S.No	Admission No	Title of the Project	Year
1	18001D5119	Packet Loss and delay Minimization using Ant colony Routing Protocol in Wireless sensor	2020
2	18001D5102	Improving Web Page Loading time	2020
3	18001D5110	Improvised congestion control scheme for optimal Resource allocation in cognitive Radio Adhoc Networks	2020
4	15001D5229	Implementation of Intranet Mailing System, Messaging, chatting and file sharing using Cloud computing	2017
5	15001D5228	Monitor and Regulate the Constitution Affiliated Colleges	2017
6	15001D5222	Web based Video conference	2017
7	15001D5208	JNTUA campus Rote GPS Android Application	2017
8	15001D5204	Ratification Management system portal	2017
9	15001D5106	Natural Language Interface to Database using Modified Co-occurrence matrix technique	2017

d. MCA Projects Guided

S.No	Admission No	Title of the Project	Year
1	14001F0029	Development of web Application for student payment system	2017

2	14001F0040	Online Incubation Hub	2017
3	14001F0044	Online Examination system	2017
4	14001F0045	Image Steganography	2017
5	14001F0050	Student Attendance with Fingerprint Reader	2017
6	15001F0049	JNTUA affiliated colleges staff and student management	2018
7	15001F0059	File sharing and chatting through intranet mail server	2018
8	15001F0044	Online Examination with some security features	2018
9s	15001F0037	IoT based student Bio metric Attendance using fingerprint	2018

e. PhD scholars

S.No	Name	Title of the research work	Year of Award
1.	V. Lokeswara Reddy	Novel Techniques of Data hiding in Image, Audio and video: A Steganographic Approach	2015
2	Pathan Mohd. Shafi	Ris and Mitigation of Authentication protocol Kerberos: A public key approach	2015
3	T. Sunil Kumar Reddy	Adaptive Task Scheduling Algorithm in Grid Computing	2015
4	N. Ramakrishnaiah	A New Address Autoconfiguration Protocol for Mobile Adhoc Networks	2016
5	B. Jagadeesh	A Novel Approach to Robust Digital Image Watermarking Algorithms Using Artificial Intelligence Techniques	2016
6	R. Lalu Naik	Secure Quantum Key Distribution Protocols	2017
7	R. Raja Sehar	Efficient Multipath Routing Protocols for On-demand Video Streaming in MANETs	2017
8	A.L. Sreenivasulu	Secure Data Aggregation in Wireless Sensor Networks	2018
9	M V Rathnamma	Energy Efficient Trust Based Routing Schemes for Mobile Adhoc Networks	2018
10	C. Sreedhar	Improving Clustering of DataSets using KM-I2C and Enhancing the Performance of Hadoop based on MQM	2018
11	N. Ramanjaneya Reddy	Performance Enhancement of TCP Friendly Rate Control Protocol Over Wired Networks	2018
12	S Madhu	Cross Layer Design with Security Enhancement For Multimedia Transmission In Wireless Networks	2018
13	G.N.Vivekananda	Effective Transmission of Multimedia in MANETS Using SCTP Multi-Streaming	2018
14	J. Geetha	A Decision Modeling Framework for Service-oriented Architecture on Cloud	2019
15	Girija. J	Novel Registration Algorithms for 3D/4d Medical Images	2019
16	K. Ramesh Rao	Data Security and Privacy Preserving Mechanisms in Networks	2019
17	C. Ramakristanaiah	Balancing the Quality of Service Across the Flows in IEEE 802.11e	2020
18	Y. Gangadhar	An Approach for Securing Medical Images using Watermarking Schemes and Improved Discrete	2020

		Wavelet Transformations	
19	A. Srinivasa Reddy	Novel Algorithm for Enhanced Image Segmentation on Brain Tumor Images using Tailored Social Speider Optimization	2020

8. Administrative works supported:

1. Served as Director, Skill Development Centre and Incubation Centre from 04-04-2018, to 22-07-2019.
2. Served as Director, Industrial Relations & Placements and School of Continuing & Distance Education, JNTUA, Ananthapuramu from 18-02-2016 to 15-10-16.
3. Served as Director, Academic Audit, JNTUA, Ananthapuramu from 13-10-2016 to 04-04-2018 2018.
4. Served as Incubation Coordinator, JNTUA, Ananthapuramu for one year.
5. Served as Deputy Warden for four years at JNTUA College of Engineering, Anantapur
6. Served as Head of Computer Science and Engineering Department for five years at JNTUA College of Engineering, Pulivendula.
7. Served as Board of Studies Chairman for Computer Science and Engineering Branch of JNTUA, Anantapur.
8. Served as Board of Studies Chairman for Information Technology Branch of JNTUA, Anantapur for four years
9. Served as a Member of PG Board of Studies for Computer Science and Engineering department of JNTUA, Anantapur for four years.
10. Serving as Board of Studies Chairman for Computer Science and Engineering of Rayalaseema University, Kurnool.
11. Serving as Board of Studies Member of Computer Science and engineering department of G. Pullaiah College of Engineering (Autonomous), Kurnool
12. Serving as Board of Studies Member of Computer Science and engineering department of Sri. Vidyanikethan College of Engineering (Autonomous), Tirupati.

13. Serving as Board of Studies Member of Computer Science and engineering department (Computer Science and Engineering, CSE (AI), CSE (Data Science)) of AdiSankara College of Engineering, Gudur, Nellore District.
14. Serving as Board of Studies Member of Computer Science and engineering department (CSE (AI and ML)) of SV College of Engineering, Tirupathi.
15. Serving as Board of Studies Member of Computer Science and engineering department of JNTUA College of Engineering, Pulivendula.
16. Served as Board of Studies Member of Computer Science and engineering department of KSRM College of Engineering (Autonomous), YSR Kadapa.
17. Served as Board of Studies Member of Computer Science and engineering department of Madanapalle Institute of Technology and Science (Autonomous), Madanapalle
18. Served as Board of Studies Member for Computer Science and Engineering Department of S.K.University, Anantapur.
19. Served as Board of Studies Member for Computer Science and Engineering Department of G.Pulla Reddy Engineering College (Autonomous), Kurnool.
20. Served as Board of Studies Member for Master of Computer Applications Department of Annamacharya Institute of Technology and Science (Autonomous), Rajampet.
21. Served as Board of Studies Member for Computer Science and Engineering Department of Annamacharya Institute of Technology and Science (Autonomous), Rajampet.
22. Served as Board of Studies Member for Computer Science and Systems Engineering Department of Sri. Vidyanikethan Engineering College, Tirupati.
23. Served as Board of Studies Member for Computer Science and Systems Engineering Department of Sri. PadmavathiMahilaVisvavidyalayam, Tirupati.
24. Served as Board of Studies Member of MCA and M.Sc. Computer Science of Yogi Vemana University, Kadapa.
25. Served as Governing Body Member of Sri. Sai Institute of Technology and Science, Raychoty.
26. Served as Governing Body Member of Annamacharya Institute of Technology and Science, Tirupati.
27. Served as Governing Body Member of Srinivasa Institute of Pharmaceutical studies, Prodatgur

28. Served as Governing Body Member of Madhura Sai Institute of IT and Management, Prodatatur
29. Served as University Nominee for Result committee of Sri. Vidyanikethan Engineering College, Tirupati
30. Served as University Nominee for Result committee of Madanapalli Institute of Technology and Science, Madanapalli.
31. Serving as University Nominee for Ratification interviews of KSRM College of Engineering, YSR Kadapa.
32. Serving as Board of Studies Chairman of CSE Board of Rayalaseema University, Kurnool.
33. Serving as University Nominee for Result committee of NBKR Institute of Science and Technology, Vidyanagar, Kota, SPSR Nellore District.

GUEST LECTURE

- Served as Resource person for APSICHE sponsored Short term Faculty training programme on C and Data Structures, held at Sree Vidyanikethan Engineering College, Tirupati during September 3-8, 2012
- Served as Resource person for A three week Refresher course on Advanced communications, held at UGC Academic Staff College, JNTU, Hyderabad on 13th Nov., 2006
- Presented a Guest Lecture on Fundamentals of Computer Networks on 16th Aug., 2008 at Narasaraopet Engineering College, Narasaraopet, A.P.
- Presented a Guest Lecture on Computer Networks on 11th Jan., 2010 at Tirumala Engineering College, Narasaraopet, A.P.
- Presented a Guest Lecture on Advanced UNIX Programming on 25th Dec., 2011 at Sri. Sai Institute of Technology and Science, Raychotty, A.P.
- Presented a Guest Lecture on NS-2 Simulator on 26th Dec., 2010 at Sri. Sai Institute of Technology and Science, Raychotty, A.P.
- Presented a Guest Lecture on Advanced Computer Networks on 20th Dec., 2009 at Sri. Sai Institute of Technology and Science, Raychotty, A.P.
- Presented an Invited Lecture on Future Trends in Wireless Networks on 23rd Sept., 2011 at Sri. Kandual Obul Reddy Memorial College of Engineering, Kadapa, A.P.

- Served as Resource person at National Conference on Recent Innovations in Computer Networks held at JNTUA College of Engineering, Ananthapuramu during 21st and 22nd, 2015.
- Served as Resource person at one-day workshop on Cognitive Skills, Design Thinking and Critical Thinking, held on Feb 23rd, 2019 at JNT University Anantapur.
- Served as Resource person at 3-day workshop on Entrepreneurship, Innovation, and Startups held between 20-22, August, 2019 at JNTUA College of Engineering, Anantapur.
- Served as Resource person at One Week Faculty Development Program on Design Thinking held between 20-25, January, 2020 at Sree Vidyanikethan Engineering College, Tirupathi.
- Served as Resource person at Two Week Refresher Course on Internet of Things (IoT) held between 07-19, September 2020 at UGC-Human Resource Development Centre, JNTUH, Kukatpally, and Hyderabad.
- Served as Resource person at AICTE sponsored Phase-I Short Term Training Program on “Technical Writing and Research Methodology”, held between Nov. 30th to Dec. 5th 2020, at CBIT, Proddatur, YSR-Kadapa District.

9. Awards and Rewards:

- Received Rashtra Pratibha Puraskar from Integrated council for Socio-Economic Progress, on Nov. 25th, 2012 in a function held at Bangalore.

10. MEMBERSHIP IN PROFESSIONAL BODIES

1. Professional member of ACM
2. Senior Member of IEEE
3. Fellow of Institution of Engineers, India.
4. Member of Computer Society of India (CSI), India.
5. Member of Indian Society for Technical Education (ISTE), India

11. Social activities (NSS/NCC/Any other):

- Regular Contributor for Padma Rehabilitation Center for Mentally Retarded and Physically Disabled at Kadapa
- Contributor for Basata Social Service Society at Kadapa