

RESUME

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Educational Qualifications:

- M.C.A., from SPMVV, Tirupati
- Ph.D. from SPMVV, Tirupati

Teaching Experience:

- Working as a Professor in Computer Science, Dravidian University, Kuppam since Nov'2016, joined as an Assistant Professor in Computer Science, Dravidian University, Kuppam in Dec'2005
- Worked as Assistant Professor (READER) in Computer Science, Rayalaseema Institute of Information and Management Sciences, Tirupati since Sep'2004 to Dec'2005
- Worked as Lecturer (Assistant Professor) in Computer Science, Rayalaseema Institute of Information and Management Sciences, Tirupati since March 2001 to Aug'2004
- Worked as a lecturer in Vignana Sudha Degree college, Chittoor, since June 1998 to Oct'1998
- Worked as a Lecturer (Assistant Professor) in Computer Science, Priyadarshini PG College, Nellore since June 1994 to April 1998

Subjects Taught:

Computer Organization, File Structures, Data structures, System Programming and Operating Systems, Object oriented programming concepts, Database management systems, Advanced Database Management Systems, Distributed Data Bases, Data Warehousing, Data Mining, Computer Graphics, Object Oriented Analysis and Design, Software Engineering, Introduction to programming, e-commerce etc.

Areas of Research Interests:

Data Mining & data warehousing, Neural Networks, Cloud computing, Wireless Sensor Networks

Research Guidance:

M.Phil : 02 awarded, 01-pursuing
Ph.D : 08 pursuing, 01-submitted

Publications:

International Journals	: 17
International Conference Proceedings	: 02
International Conferences	: 04
National Conference Proceedings	: 08
National Conferences	: 03

Conferences Organized:

- A two-day National Conference on “Recent Trends in Web Sciences (NCRTWS-2014)”, on 14th & 15th March 2014, Dept. of Computer Science, Dravidian University, Kuppam
- A two-day National Conference on “Information and Communication Technologies (NCICT- 2015)” on 26th & 27th March 2015, Dept. of Computer Science, Dravidian University, Kuppam

Administrative & other Positions holding/held:

- Acting as Chair-Person BOS, Dept. of Computer Science since Feb’2016
- Acting as the Coordinator, UGC & other funding agencies since April 2018
- Acting as member of BOS, Computer Science since Dec’ 2012 till date
- Served as the Head I/c of the Dept. of Mathematics and the Dept. of Statistics Since Jan’ 2010 to Sep’2013
- Served as the Head I/c of the Dept. of Computer Science since Sep’ 2011 to Sep’ 2013
- Served as a member of Internal Quality Assurance Cell for a period of two years since June 2012
- Served as coordinator women’s redressal cell for a period of one year since Oct’2012
- Served as a member Anti-Ragging Committee for a period of one year since July 2016
- Served as the Web-site Officer, Dravidian University since April 2016 to March 2017

Extension Lectures:

- Delivered a lecture in a two day national conference on ”Computer science, Engineering and Applications” at SPMVV, 9th NOV’ 2012
- Delivered a lecture on “Use of Computers in Research”, in a two-day orientation programme on Research Methodology for Research Scholars, in Dravidian University, 18th -19th August, 2014.

Workshops Attended:

- UGC sponsored Sensitization/Awareness/Motivation Workshop on “Capacity building for Women Managers in Higher Education”, from 17/11/2008 to 21/11/2008, organized by SPMVV, Tirupati.
- UGC sponsored National level one week workshop on “Online course design technologies”, during 03RD -9TH March, 2014, organized by Distance Education Centre, SPMVV, Tirupati
- Two week ISTE workshop “on Computer Programming”, conducted by IIT Bombay from 20th May 2014 to 21st June 2014 at SVU College of Engineering ,SVU, Tirupati
- National workshop on “Big Data and Analytics”, during 27th-30th NOV’2014, organized jointly by Indian Society for Probability & Statistics (ISPS) and Dept. of Statistics, SVU, Tirupati
- UGC sponsored national workshop on “e-Learning, E-Assessment and Education Technologies” from 6th – 8th Feb’ 2017, organized by the Dept. of Computer Science, Dravidian University, Kuppam

List of Publications:

➤ **International Journals:**

- “A Hybrid Data Mining Approaches for the Analysis of Bank Credit Customer Data”, International Journal of Scientific Computing IJSC, Volume 3, Number 2, July-Dec’ 2009, pages 179-183, ISSN : 0973-578X, by T. Anuradha
- “Discovering Subspace Clusters in High-Dimensional Data Using Density-Based Approaches and Cluster Analysis with Neural Network Techniques”, The Journal of Computing(TJC), Volume 1, Issue 3, July 2010, pages 11-17, ISSN: 0976-6928, by T. Anuradha
- “Data Mining Applications in Library and Information Services”, International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE), ISSN: 0976-1353 Volume 1 Issue 1 – AUGUST 2013, pages: 54-55, Dr. T. Anuradha
- “Data Mining Approaches to Analyse Road Traffic Accident Data”, International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE), ISSN: 0976-1353 Volume 4 Issue 1 – DECEMBER 2013, pages: 48-50, ,Dr. T. Anuradha
- “Analysis of Clusters Generated on mushroom data using Artificial Neural Networks”, International Journal of Emerging Technology and Advanced Engineering, website: www.ijetae.com, ISSN 2250-2459, ISO 9001:2008 Certified Journal, Volume 3, Issue 12, December 2013, pages: 674-680
- “A Review on Congestion Control Mechanisms in Wireless Sensor Networks”, International Journal of Engineering Research and Applications (IJERA), Vol. 4, Issue 11(Version 2), November 2014, pp.54-59, ISSN: 2248-9622, by N Thrimoorthy and Dr. T Anuradha,
- “Federated Cloud: A Development In Cloud Computing And A Solution To Educational Needs”, International Journal Of Computer Engineering And Applications, Volume 8, Issue 2, November 2014, Saju Mathew And Dr.T.Anuradha

- "Cloud Computing: Giving A New Dimension to Learning Process", International Journal of Advances In Computer Science and Cloud Computing, Volume- 2, Issue- 2, Nov.-2014, ISSN: 2321-4058, Saju Mathew and Dr.T.Anuradha
- "Distribution of Work Load at Main Controller Level using Enhanced Round Robin Scheduling Algorithm in a Public Cloud", International Journal of Computer Science and Engineering (IJCSSE), Volume-3, Issue-12, Dec 2015 with E-ISSN: 2347-2693.G.Thejesvi and Dr. T Anuradha
- "Distribution of Work Load at Balancer Level using Enhanced Round Robin Scheduling Algorithm in a Public Cloud", International Journal of Advances in Electronics and Computer Science (IJAECS,) Volume-3, Issue-2, February 2016 with ISSN: **2393-2835**, G.Thejesvi and Dr. T Anuradha
- "Congestion Detection Approaches in Wireless Sensor Networks:a comparative study", International journal of Engineering Research and Development , Volume 12, issue:3, March 2016. PP:59-63, e-ISSN:2278-067X, p-ISSN:2278-800X, N Thrimoorthy and Dr. T Anuradha,
- "Congestion Avoidance Routing in Wireless Sensor Networks", International journal of Computer Applications, Volume 141 – No.5, May 2016. ISBN: 973-93-80893-07-2, N Thrimoorthy and Dr. T Anuradha,
- "E-Learning with Cloud Computing: A Next Generation Technological Learning" International Research Journal of Computer Science (IRJCS) Issue 08, Volume 3, August 2016, ISSN: 2393-9842, Saju Mathew and Dr.T.Anuradha
- "A Novel Teiler Public Key Cryptosystem for Securing Data in Transmit and Storage", (IJCSIT) International Journal of Computer Science and Information Technologies, Vol. 7, issue -5, 2016, pages: 2245-2249, issn:0975-9646, by V. Keerti and Dr. T. Anuradha
- "E-Agriculture Services Framework Design for Cloud", International Journal of Advanced Research in Computer Science and Software Engineering, volume 6, issue 11, Nov'2016, pages:263-268, ISSN: 2277 128X by V. Keerti and Dr. T. Anuradha
- "Congestion control in Wireless Sensor Network based on Prediction Modelling with HMM" Volume 9 • Issue 1 Sept 2017 - March 2018 pp.. 73-79, IJCSC, 0973-7391, available online at www.csjournals.com, by N Thrimoorthy and Dr. T Anuradha,
- "Congestion Control in Wireless Sensor Network based on Predicted Sensor Position on Movement for Body Area Network Applications", International Journal of Computer Applications (0975 – 8887) Volume 161 – No 5, March 2017, by N Thrimoorthy and Dr. T Anuradha

➤ **International Conference Proceedings:**

- "Cloud Computing:A Strategic Model for Storing Small and Meduim Scale Business BigData", Proceedings of International Conference on "Big Data Analysis" organized in April 2014 at Periyar university, Salem, ISBN: 978-81-926606-0-8, by G. Tejasvi & Dr. T. Anuradha
- "A Virtual Model to Analyze Congestion in a Wireless Sensor Network (WSN)", Proceedings of the IEEE International Conference on "Advances in Electrical Technologies for Green Energy (ICAETGT2K17)", at Jansons Institute of Technology, Coimbatore, Tamilnadu on 23rd September 2017, ISBN Numbers:- IEEE Xplore Digital Library : 978-1-

5386-2138-7, Electronic version:978-1-5386-2138-0, Print Version: 978-1-5386-2138-7 by N. Thrimoorthy and Dr. T. Anuradha

➤ **National Conference Proceedings:**

- “A brief Review of Applications of Data Mining in Educational Systems”, Proceedings of National Conference on Computing and Communication Technologies NC3T10, organized by the dept. of Computer Science, SPMVV, Tirupati during 6th to 7th October 2010 at SPMVV, Tirupati, ISBN-978-81-908497-9-1 by T. Anuradha,
- “Cloud Computing: A New Dimensions for E-Learning systems”, Proceedings of National Conference on Recent Trends in Web Sciences (NCRTWS-2014), organized on 14th & 15th March 2014 by the Dept. of Computer Science, Dravidian University at Dravidian University, Kuppam, ISBN: 978-93-82829-99-7 by Saju mathew and Dr. T Anuradha,
- “Computational approaches to predict rainfall”, Proceedings of National Conference on Recent Trends in Web Sciences (NCRTWS-2014), organized on 14th & 15th March 2014 by the Dept. of Computer Science, Dravidian University at Dravidian University, Kuppam, ISBN: 978-93-82829-99-7 by P. Dhandapani and Dr. T Anuradha,
- “Cloud Computing towards Researchers in Universities of Small Countries”, Proceedings of National Conference on Recent Trends in Web Sciences (NCRTWS-2014), organized on 14th & 15th March 2014 by the Dept. of Computer Science, Dravidian University at Dravidian University, Kuppam, ISBN: 978-93-82829-99-7 by G.Thejesvi and Dr. T Anuradha,
- “Enhanced Round Robin Algorithm for load balancing in Cloud”, Proceedings of National Conference on Information and Communication Technologies (NCICT- 2015) organized on 26th & 27th March 2015 by the Dept. of Computer Science, Dravidian University at Dravidian University, Kuppam. ISBN: 978-93-84935-33-7 by G.Thejesvi and Dr. T Anuradha,
- “Congestion Control Protocols for Wireless Sensor Networks”, Proceedings of National Conference on Information and Communication Technologies (NCICT- 2015) organized on 26th & 27th March 2015 by the Dept. of Computer Science, Dravidian University at Dravidian University, Kuppam. ISBN: 978-93-84935-33-7 by N Thrimoorthy and Dr. T Anuradha,
- “Cloud Computing and its Impact on the use of Information and Communication Technologies in Education” , Proceedings of National Conference on Information and Communication Technologies (NCICT- 2015) organized on 26th & 27th March 2015 by the Dept. of Computer Science, Dravidian University at Dravidian University, Kuppam, ISBN: 978-93-84935-33-7 by G.Srinivasa Rao and Dr. T Anuradha,
- “Prediction of rainfall using Distributed Data Mining”, Proceedings of National Conference on Information and Communication Technologies (NCICT- 2015) organized on 26th & 27th March 2015 by the Dept. of Computer Science, Dravidian University at Dravidian University, Kuppam, ISBN: 978-93-84935-33-7 by P. Dhandapani and Dr. T Anuradha

List of Seminars/Conferences attended/Papers Presented:

➤ **International Conferences:**

- “Comparison of Efficiency and Effectiveness of Major Clustering Algorithms”, International Conference on Statistics, OR and IT, XXVI Annual convention of Indian Society for Probability and Statistics, organized during 7th to 9th January 2007 at Tirupati by T. Anuradha
- “Density-Connected Subspace Clustering for High Dimensional Data using Representative-Core points”, International Conference on Quantitative Methods Operations and Information Technology, ICQMOIT – 2008 organized during 24th to 25th October 2008 at IBS, Hyderabad by T. Anuradha
- “A Review on Bandwidth utilization for Bursty Traffic in ATM Networks” International Conference on Universal Computing, Communications and Data Engineering organized on 7th-8th Feb’2018, Dept. of Computer Science, SPMVV, Tirupati, by A. Renuka Devi & Dr T. Anuradha
- “Digital Evidences in Forensics using Cryptography”, International Conference on Universal Computing, Communications and Data Engineering, organized on 7th-8th Feb’2018, Dept. of Computer Science, SPMVV, Tirupati, by S Saravana and Dr. T. Anuradha

➤ **National Conferences:**

- “A Brief Review of Applications of Data Mining in Agriculture”, National Conference on Computer Science, Engineering and Applications (CSEA-2012) organized on 9th & 10th Nov’2012 by the Dept. of Computer Science, SPMVV, Tirupati by Dr. T. Anuradha
- “A scenario of Cyber Crime in India”, National Conference on Dimensions of the Problem of Victims of Crime in India: Issues and Challenges (DVCIIC-2014) organized on 10th and 11th March 2014 by the Dept. of Law, SPMVV, Tirupati, by Dr. T. Anuradha
- “Role of ICT in health Communication in India”, National Seminar on Health Communication in India: Issues and Challenges, organized on 21st & 22nd March 2014, by the Dept. of Communication and Journalism, SPMVV, Tirupati by Dr. T. Anuradha