

Name	Dr. V. CHANDRASEKAR			
Contact (office)	Professor & Head, in Computer Science & Engineering Department of Computer Science & Engineering M.I.E.T Engineering College Trichy.			
Email	cse.hod@miet.edu			
Educational Qualifications	DEGREE	EDUCATIONAL INSTITUTION	BOARD/ UNIVERSITY	YEAR OF PASSING
	Ph.D., CSE	Government College of Technology, Coimbatore	Anna University	2013
	M.Tech., CSE	SASTRA University, Thanjavur	SASTRA University, Thanjavur	2004
	B.E., CSE	Regional Engineering College, Trichy	Bharathidasan University	1998
Professional Career Profile	<ul style="list-style-type: none"> ➤ 22 Years of Experience in Teaching as a Faculty in CSE Dept ➤ 7 years Experience in Industries as a Programmer, Systems Manager, Software Developer 			
Awards & Recognitions	<ul style="list-style-type: none"> ➤ Certified IBM DB2 International Professional ➤ Certified Oracle trainer ➤ Produced Zone wise First Place result for three times. ➤ Produced First Place result (Dept wise) for three times in MIET Engineering College, Trichy. 			
Membership in Professional Bodies	MISTE (Life Member) Member in Computer Society of India			
Academic Areas of Interest	Mobile Adhoc Networks, Object Oriented Programming, Deep Learning, Big Data Analytics.			
Administrative Capabilities	<ul style="list-style-type: none"> ➤ Professor & Head in the Department of Computer Science & Engineering, Dhanalakshmi Srinivasan Engineering College, Perambalur. ➤ Professor & Head in the Department of Computer Science and Engineering, M.I.E.T Engineering College, Trichy. 			

- **Convener** for getting the **TCS Accreditation** in Dhanalakshmi Srinivasan Engineering College, Perambalur and giving placement training for the students to placed in **Tata Consultancy Service**
- **Board of Studies member** in CSE Department for framing Curriculum and Syllabus for Autonomous Institutions.
- Worked as a **Placement Coodinator** in Karpagam College of Engineering, Coimbatore. Conducted several On Campus Interview inviting **MNC Companies** such as **Infosys, HCL, IBM, Zangsa**, etc.
- Convener for Workshop, Symposium, Conference and Seminars.
- Worked for NBA (OBE based) in MIET Engineering College.
- Worked as NIRF Coordinator in MIET Engineering College.

LIST OF PUBLICATIONS

Journals

1. **Chandrasekar V.** and Jashma Suresh "Optimal Transmission in Multihop Cellular Networks by Detecting Irrational Nodes" International Journal of Scientific Research and Publications Volume 3 Issue 3, 2013.
2. **Chandrasekar V.** and Baskaran K. "End to End Delay Improvement in Heterogeneous Multicast Network using Genetic Optimization" Journal of Computer Science Volume 8 Issue 9, pp 1514-1519, 2012.
3. **Chandrasekar V.** and Baskaran K. And Lakshmi Priya P. "Multicast Content Delivery in Multimedia using Dynamic Layered Routing Protocol (DLRP)" European Journal of Scientific Research, Vol. 82, No.3, pp. 381-388, 2012.
4. **Chandrasekar V.** And Vijayalakshmi K. "Tree Zone Oriented Logic using Geographic Protocol over MANET". International Journal of Communications and Engineering, Vol.3, No.3, pp 17-23, 2012.
5. **Chandrasekar V.** Baskaran, K. and Lakshmi Priya P. "Multicast Content Delivery in Multimedia using Protocol Independent Multicast Sparse Mode" International Journal of Communications and Engineering, Vol.6, No.6, pp. 8-13, 2012.
6. **Chandrasekar V.** and Baskaran K. "Performance of Video Conferencing using Protocol Independent Multicast Routing using Core Failure" International Journal of Computer Applications Vol. 49, No.10, pp 32-35, 2012.

7. **Chandrasekar V.** and Baskaran K. "Performance of Video Conferencing in Unicast and Multicast Communication using Protocol Independent Multicast Routing" *International Journal of Computer Science and Telecommunications* Vol. 2, No. 9, pp 34-36, 2011.
8. **Chandrasekar V.** and Mahalakshmi M "End to End Delay Improvement in Heterogeneous Multicast using Fuzzy Genetic Approach" *Institute of Integrative Omics and Applied Biotechnology* (IIOAB) Vol.7, No.9, pp 535-541,2016.
9. **Chandrasekar V.** and Mahalakshmi M "Inductive and Explorative Analysis in M Learning Systems Using Fish School Optimization" *Research Journal of Biotechnology(RJB) (SCIE) special Issue* pp 265-271, Jan 2017.
10. **Chandrasekar V.** et al., "Improved performance accuracy in detecting tumor in liver using deep learning techniques" **Journal of Ambient Intelligence and Humanized Computing (SCIE) Springer** DOI 10.1007/s12652-020-02107-7 May 2020.
11. **Chandrasekar V.** et al., "Disease prediction based on micro array classification using deep learning techniques" **Microprocessors and Microsystems (SCIE) Elsevier** <https://doi.org/10.1016/j.micpro.2020.103189> June 2020.

Conferences

1. Presented a paper "Implementation of Advanced Encryption Standard Algorithm in a resource limited FPGA" in International Conference on VLSI Design on 22-24 August, 2004 at Infosys Leadership Training Institute, Mysore.
2. Presented a paper "Performance Analysis of Encryption algorithm in Software and Hardware" in EIIT National Conference held at Karpagam College of Engg on 12-13 August, 2005.
3. Presented a paper "A fast and efficient heuristic algorithm for the delay and delay variation-bounded multicast tree problem" in the Third National Conference on Networking & Distributed Computing held at Kamaraj College of Engg & Tech. Virudhunagar on March 28-29, 2007.
4. Presented a paper "Multicast Routing with Potential Delay Variation for Efficient Core Selection" in National Conference on Adaptive Sensors & Intelligent Systems held at Sri Ramakrishna Engineering College, Coimbatore on November 21-22, 2008.

5. Presented a paper on A Heuristic and Dynamic Multicast Router Algorithm based on Quos in National conference NCACT'10 at Dhanalakshmi Srinivasan Engineering College, Perambalur on March 25th 2010.
6. Presented a paper on "A Novel Approach for QOS using Multiconstraint Manycasting" in International Conference on Engineering Science and Technology ICEST '2011 at Dhanalakshmi Srinivasan Engineering Collge, Perambalur on 7-8 April 2011.
7. Presented a paper on "A General framework for Designing Topology Inference" in International Conference on Engineering Science and Technology ICEST '2011 at Dhanalakshmi Srinivasan Engineering Collge, Perambalur on 7-8 April 2011.
8. Presented a paper on "The High Speed Performance Based Flow Control Method is using PA - UDP" in International Conference on Engineering Science and Technology ICEST '2011 at Dhanalakshmi Srinivasan Engineering Collge, Perambalur on 7-8 April 2011.
9. Presented a paper on "Multicast Content Delivery in Multimedia Using Protocol Independent Multicast Sparse Mode" in the International Conference ICACT-2012 held on 9th & 10th March 2012 at J.K.K.Nattraja College of Engineering & Technology.
10. Presented a paper on "Text String Detection from Blurred & Complex Natural Scenes by Partition Based Grouping" in International Conference on Emerging Marvels in Information and Computer Science Engineering, at Maria College of Engineering and Technology, Kanyakumari on 15th & 16th February 2013.
11. Presented a paper on "Key Management Scheme for Secure Multiple Multicast Services over Wireless Networks" in International Conference on Emerging Marvels in Information and Computer Science Engineering, at Maria College of Engineering and Technology, Kanyakumari on 15th & 16th February 2013.
12. Presented a paper on Optimal Transmission in Multihop Cellular Network By Detecting Irrational Nodes" in the International Conference on Emerging Marvels in Information and Computer Science Engineering" at Maria College of Engineering and Technology, Kanyakumari on 15th and 16th February 2013.

13. Presented a paper on "Secure Group Communication using Multicast in Wireless Networks" in International Conference on Research and Development Prospects on Engineering and Technology IEEE-ICRDPET-2013, at E.G.S Pillay Engineering College, Nagapattinam on 29th & 30th March 2013.
14. Presented a paper on "Proactive Routing Algorithm for Reducing Overhead in Mobile Adhoc Networks" in International Conference on Advanced Computing , Control Systems, Machines and Embedded Technology" ICACT 2014 at JKKN Nattraja College of Engineering and Technology on 7th & 8th March 2014.
15. Presented a paper on "Location Identity System for Secure and Defend Against Colluding Attacks" in International Conference on Advanced Computing , Control Systems, Machines and Embedded Technology" ICACT 2014 at JKKN Nattraja College of Engineering and Technology on 7th & 8th March 2014.
16. Presented a paper on "Identifying Interference in WiFi Networks and Detecting Selfish Carrier Sense Behavior" in International Conference on Advanced Computing Control Systems, Machines and Embedded Technology" ICACT 2014 at JKKN Nattraja College of Engineering and Technology on 7th & 8th March 2014