

Name : Dr.(Smt) V.Vallinayagi

Designation : Head & Associate Professor

Department : Computer Science

Email id : vallinayagimahesh@gmail.com

Teaching Experience : 21 years

Research experience: 5 years

Mphil Scholar produced : 10 (Ms university,Mother Theresa university, Madurai Kamaraj university)

Ph.d : Six members doing research under my guidance.

Mobile No :



Educational Qualifications:

- PhD (2017) in Computer Science from Manonmaniam Sundaranar University, Tirunelveli
- ➤ M.Phil (2004) in Computer Science from Mother Theresa University, Kodaikanal.
- ➤ M. Sc (1991) in Computer Science from SeethaLakshmi Ramaswamy College, Tirchy.
- ➤ B. Sc (1989) in Computer Science from Seethelakshmi RamaSwamy College, Tirchy.

Academic Affiliation:

Head & Associate Professor, Sri Sarada College for Women, Tirunelveli, July 1993 to till Date

Professional Affiliation:

- ➤ Staff Club Secretary (2009-2010) Sri Sarada College for Women, Tirunelveli.
- ➤ Union Vice President (2010-2011) Sri Sarada College for Women, Tirunelveli.
- ➤ NSS Programme Officer (2012-2015) Sri Sarada College for Women, Tirunelveli.
- ➤ Staff Council Secretary Sri Sarada College for Women, Tirunelveli.
- ➤ Placement officer Sri Sarada College for Women, Tirunelveli.

- Certificate Course Coordinator (2012-13) Sri Sarada College for Women, Tirunelveli.
- ➤ Extension coordinator Sri Sarada College for Women, Tirunelveli
- Dean 5 ISR-Extension Activity(2015)
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List of Publications

CONFERENCES:

1. V.Vallinayagi, Dr. G.M.Nasira, "Analysis of Geographical location based routing protocols" in proceedings of 13th International Conference on Application of Computer Engineering – Lisbon Portugal, October 30–November 1 2014, Page no-130-140.
2. V.Vallinayagi, Dr. G.M.Nasira, "A new Algorithm in Route Discovery Mechanism For Energy Optimization", National Conference on Recent Trends in Applied Mathematics-NCRTAM-2014, St. Joseph's College of Arts and Science, Cuddalore, 28th February 2014.
3. V.Vallinayagi, Dr. G.M.Nasira, "An analysis Study on Routing in Manet", National level seminar on new Innovations in Computing Technology, Navarasam Arts and Science College for women, Arachuer, Erode, 12th September 2014.
4. V.Vallinayagi, Dr. G.M.Nasira, "A new Algorithm in AODV-LR Routing Protocol in Mobile Adhoc Network", 1st International Conference on Advanced computing, Sri Sarada College for Women, 21st January 2014.
5. V.Vallinayagi "An overlay on SNMP in Tcp/ip for network management", National Conference on Crypt Analysis Techniques in Computer Hacking, in Einstein college of Engineering, Tirunelveli, 18th&19th February 2011.
6. V.Vallinayagi, Dr. G.M.Nasira, "Performance study of DYMO on Demand protocol using Qualnet simulator", International Conference on Applied Computing, Organized by IJETCA, Nagercoil, 18th March 2012.
7. V.Vallinayagi, Dr. G.M.Nasira, "NDEL based performance analysis of position based opportunistic routing protocol", International Conference on Soft Computing, Noorul Islam University, Nagercoil, 23rd July 2015.
8. V.Vallinayagi, "Towards Best Practice in Online Learning and Teaching in Elementary School", IQAC, NAAC Sponsored National Conference on State of the Art Methodology to enhance Teaching, Learning and Evaluation Process Sri Sarada College For Women, Tirunelveli-11
9. V.Vallinayagi "University Level Paper Presentation, "4G Technology", organized by JP College, Ayikudi, Tenkasi, 11.9.2015"

List of journals:

- 1.. V.Vallinayagi, K.Sujatha, "MONITORING NETWORK MANAGEMENT USING CLIENT/SERVER PERFORMANCE", International journal on Intelligent electronic systems, Vol.3, No.2, July 2009
2. V.Vallinayagi, Dr Victor," Ecommerce in Client / Server Technology Using SNMP Protocol ", Journal of Computer Applications, ISSN – 0974 1925
- 3 V.Vallinayagi, "Integration of SNMP,CORBA and XML in web based environment" , Lingaya's Journal of professional Studies, International journal, volume 4 Issue no; 2 January to June 2011
4. V.Vallinayagi, Dr G.M.Nasira "performance comparison of dymo in adhoc networks", Pragnavani,national journal,vol;7 ,Issue 1 ,Jan-June 2012
5. V.Vallinayagi,Dr G.M.Nasira , "Trust aware AODV", International Journal Of Engineering And Computer Science, *Volume2 Issue 8 August, 2013*
6. V.Vallinayagi, Dr.G.M.Nasira, "A New Algorithm in AODV-LR Routing Protocol in Mobile ADHOC Network", International conference on Advanced computing, ELSEVIER,ISBN-989351072461, pageno-190
7. V.Vallinayagi, Dr. G.M.Nasira ," SELECTION OF FORWARDING AREA WITH ITRUST ASSORTMENT" International Journal of Computer Networks and Wireless Communications (IJCNWC, vol 3 no 3 october-Dec 2014
8. V.Vallinayagi, Dr.G.M.Nasira ," A New Algorithm in Route Discovery Mechanism for Energy Optimization in Mobile ADHOC Network ", International Journal of Computing Algorithm, Volume: 03, May 2014, Pages: 959-963
9. V.Vallinayagi,Dr.G.M.Nasira ," Next Hop Selection In Diplomat Path For Opportunistic Routing", International Journal of Innovative Research and Advanced Studies (IJIRAS) ISSN: 2394-4404

Publications:

Edited Books : 1

Journal/Magazine: 11

Conference Paper Presented:

National : 4

International : 10

Conference/Workshop organized: National: 3