

**Faculty Name: DR. M. DEVA PRIYA**

**Educational Qualification**

Degree	Branch	Institution	Year
B.E.,	B.E.,(CSE)	Maharaja Engineering College / Anna University	2005
M.E.,	M.E.,(CSE)	Kumaraguru College of Technology / Anna University	2007
PhD	Ph.D.,	Anna University, Chennai.	2015

**Experience:**

Period	No. of. Years	Designation/Nature of job	Institution/Organization
2007-2009	2	Lecturer	V.L.B Janakiammal College of Engineering & Technology
2009-2010	1	Lecturer	I.F.E.T College of Technology, Villupuram
2010-2012	2	Assistant Professor	Manakula Vinayagar Institute of Technology, Puducherry
2012-till date	4	Assistant Professor	Sri Krishna College of Technology, Coimbatore.

**PUBLICATIONS**

**JOURNALS:**

1. "Black box detection using UAV in FANETs", International Journal of Multidisciplinary Research and Development, ISSN: 2349-5979, Vol. 3, No. 1, pp. 69 - 72, January 2016.
2. "A Cross Layered Approach for Seamless Handover in Mobile WiMAX Networks", International Journal of Innovative Research in Technology & Science (IJIRTS), ISSN: 2321-1156, Vol. 3, No. 3, pp. 50 - 57, May 2015.
3. "PPCLSS: Probabilistic Prediction Coefficient Link Stability Scheme based Routing in MANETs", International Journal of Computer Science & Engineering Technology (IJCSET), ISSN: 2229-3345, Vol. 6, No. 4, pp. 246 - 256, April 2015.
4. "Energy Efficient Linked Supervisory Set based Routing (E<sup>2</sup>LS<sup>2</sup>R) scheme for Wireless Mesh Networks", International Journal of Multidisciplinary Research and Development, ISSN: 2349-5979, Vol. 3, No. 3, pp. 494 - 499, March 2015. Impact factor: 3.672

5. "A countermeasure for flooding attack in mobile WiMAX networks", International Journal on Computational Sciences & Applications (IJCSA), ISSN: 2200 - 0011, Vol. 4, No. 5, October 2014.
6. "DNS: Dynamic Network Selection Scheme for Vertical Handover in Heterogeneous Wireless Networks", International Journal of Computer Science and Business Informatics (IJCSBI), ISSN: 1694 - 2108, Vol. 13, No. 1, pp. 19 - 34, May 2014.
7. "A Cross Layered Approach for Network Selection in Heterogeneous Wireless Networks", International Journal of Innovative Science, Engineering & Technology (IJSET), ISSN: 2348 - 7968, Vol. 1, No. 3, pp. 45 - 52, May 2014.
8. "An Enhanced Relay Selection Scheme (ERS) for Cooperative Relaying in Mobile WiMAX Networks", International Journal of Science, Engineering and Technology Research (IJSETR), ISSN: 2278 - 7798, Vol. 3, No. 5, pp. 1401 - 1407, May 2014.
9. "Dynamic Bandwidth Allocation Scheme for Efficient Handover in IEEE 802.16e Networks", International Journal of Computer Science and Mobile Computing, ISSN: 2320 - 088X, Vol. 3, No. 4, pp. 284 - 292, April 2014, Impact Factor: 2.14.
10. "DCRS: A Dynamic Contention Resolution Scheme for WiMAX Networks", ICTACT Journal on Communication Technology, ISSN: 2229 - 6948, Vol. 05, No. 01, pp. 882 - 889, March 2014.
11. "Performance Analysis of Scheduling Mechanisms in WiMAX Networks", SOP Transactions on Wireless Communications, Vol. 1, No. 1, pp. 40 - 49, March 2014.
12. "SEARP: Strength based Energy-Aware Routing Protocol for WiMAX Networks", International Journal of Research in Computer Applications & Information Technology, ISSN: 2347-5099 (O), Vol. 1, No. 2, pp. 148-159, October - December 2013.
13. "A Cross-Layered Path Stability based Routing Protocol for WiMAX Networks", American Journal of Applied Sciences, ISSN: 1546 - 9239, Vol. 10, No. 11, pp. 1325 - 1334, September 2013, Impact Factor: 1.4.
14. "Efficient QoS-based Scheduling Mechanisms for IEEE 802. 16e Networks", International Journal of Computer Applications (IJCA), ISSN: 0975-8887, Vol. 72, No. 20, pp. 34 - 41, June 2013, Impact Factor: 0.814.
15. "QPS: Queuing model based Power saving Scheme for IEEE 802.16e networks", International Journal of Science, Engineering and Technology Research (IJSETR), ISSN: 2278 - 7798, Vol. 2, No. 05, pp. 1069 - 1074, May 2013.
16. "Fast and Secure Handover in IEEE 802.16e Networks", Journal of Global Research in Computer Science (JGRCS), ISSN: 2229-371X, Vol. 4, No. 4, pp. 195 - 199, April 2013, Impact Factor : 0.60.
17. "A Countermeasure for Black Hole Attack in Mobile WiMAX Networks", International Journal of Advanced Research in Computer Engineering & Technology (IJARCET), ISSN: 2278 - 1323, Vol. 2, No. 3, pp. 964 - 973, March 2013.
18. "BAC: Bandwidth Based Admission Control Scheme for Gateway Relocation in IEEE 802.16e Networks", ICTACT Journal on Communication Technology, Published by ICT Academy of Tamil Nadu, ISSN: 2229-6948 (Online), Vol. 04, No. 01, pp. 699 - 705, March 2013, Index Copernicus Value (ICV) = 5. 09.
19. "Implementation and Evaluation of GPSR and M-LAER in mobile WiMAX Networks", International Journal of Emerging Science and Engineering (IJESE), ISSN: 2319 - 6378, Vol. 1,

No. 3, pp. 1 - 7, January 2013, Impact Factor: 1.0.

20. "QP - ALAH: QoS Provisioned - Application Layer Auxiliary Handover in IEEE 802.16e Networks", Springer Digital Library and Communications in Computer and Information Science (CCIS), ISSN 1865-0929, Vol. 361, pp. 366 - 380, January 2013, Impact Factor : 0.130.

## **CONFERENCES**

### **International Conferences**

1. **Title:** EC-STCRA: Energy Conserved-Supervised Termite Colony based Role Assignment scheme for Wireless Sensor Networks

**Conference:** in the 3<sup>rd</sup> International Conference on Recent Trends in Computing 2015 (ICRTC-2015), SRM University, Delhi-NCR Campus, Ghaziabad

**Period:** March 12<sup>th</sup> - 13<sup>th</sup> 2015.

The paper is published in Elsevier Procedia Computer Science, 57, pp. 830-841.

2. **Title:** QP - ALAH: QoS Provisioned - Application Layer Auxiliary Handover in IEEE 802.16e Networks

**Conference:** 3<sup>rd</sup> International Conference on Advances in Computing, Communication and Control: ICAC3-13, pp. 35, Fr. Conceicao Rodrigues College of Engineering (CRCE), Mumbai.

**Period:** 18<sup>th</sup> - 19<sup>th</sup>, January 2013.

3. **Title:** Implementation and evaluation of queue-based scheduling algorithms in point to multipoint WiMAX networks.

**Conference:** International Convention cum pre-conference workshop on Innovations in Engineering and Technology for Sustainable Development (IETSD-2012) at Banaari Amman Institute of Technology, Sathyamangalam, Coimbatore.

**Period:** 3<sup>rd</sup> - 5<sup>th</sup> September 2012.

### **National Conferences**

1. **Title:** A novel routing mechanism for IEEE 802.16 e Networks.

**Conference:** National Conference on Advanced Computing and Communication Technology at Santhagiri College of Computer Sciences, Vazhithala, Thodupuzha, Kerala

**Period:** 15<sup>th</sup> - 16<sup>th</sup> November 2012.

