Dr. L.Raja Associate Professor at Sri Eshwar College of Engineering,Coimbatore

Publications

International Journals

1. L.Raja, K.Kalirajan,,R.jamuna,G Shanthi, "Edge detection based feature extraction for Intelligent Car parking system", Waffen-Und Kostumkunde Journal", vol 11, issue 8, pp 108-119, 2020. **(Web of Science)**

2. L.Raja, S.Velmurugan,G.Shanthi,P.Balakrishnan, " A Smart System for people with special needs and disabilities in Home Environment", Journal of Advance research in Dynamic and Control system, vol.12, no.2,2020. **(Scopus)**

3. L.Raja, U.Nilabar Nisha, S.Velmurugan, G.Shanthi, " A Survival Study on Data Gathering and Target Tracking Techniques for Energy Efficient Routing in WSN", Journal of Critical reviews, vol.7, issue 4, pp 589-594, 2020. **(scopus)**

4. L.Raja, G.Shanthi, P.S.Periasamy, „Internet of Things based real time water monitoring system",International Journal of Recent Technology and Engineering,vol.8, issue 2,pp 1368-1372, July 2019.**(Scopus)**

5. L.Raja, R.Amutha Satya, S Mohan , S.Pavithra.T.Subasankari, „Water Pollution Quality Monitoring system using Embedded systems", Asian Journal of Applied Science and Technology, vol.2, issue 2, pp 543-548, April 2018.

6. L.Raja & Dr.P.S.Periasamy, „Secured Routing Authentication with Node Isolation in Mobile Adhoc Network ", Journal of Computational and Theoretical Nanoscience, vol.14,no.9, pp 4563-4568.DOI: 10.1166/jctn.2017.6854,September 2017. **(Scopus)**

7. L.Raja, D.Sivamurugan," Secure Routing in MANET using hybrid cryptography", International Journal of Research – Granthaalayah,vol.5,issue-4,pp 83-91,april 2017,Doi:https://doi.org/10.5281/zenodo.569982.

8. L.Raja, Dr.P.S.Periasamy, "Dual Authentication Hashing for Security Enhancement in MANET", Circuits and Systems, vo.7 no.4, pp 350-359. April 2016. DOI: http://dx.doi.org/10.4236/cs.2016.74030. ISSN online: 2153-1293

9. L.Raja, R.Mythily, " A Survey on secured Routing in ADHOC Networks for various Attacks", International Research Journal of Engineering and Technology, ISSN-2395-0056 vol.3, issue-1,jan 2016,pp-1122 -1126.

10. L.Raja, Dr.P.S.Periasamy, S.Meenakshi," Security in MANET using Kerberos Authentication Scheme, International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.38 (2015) pp-28997-29001.

11. L.Raja, Dr.P.S.Periasamy, J.K.Deepak," Security in MANETs-A Game Theory Approach", International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.38 (2015),pp-28890-28895.

12. L.Raja, Dona George," Security Enhancement in MANET", International Journal of Modern Trends in Engineering and Science, Vol.1,issue.5, 2014, ISSN: 2348-

13. L.Raja, Neethu C.T," An Autonomous system to detect multiple attacks in MANET", International Journal of Scientific & Engineering Research, Volume 4, Issue 8, August 2013, ISSN 2229-5518.

14. L.Raja, K.G.Sreejith, "A Surveillance Robot for Disaster Sites", International Journal of Emerging Trends in Engineering and Development, ISSN 2249-6149, issue 2, vol 3,pp 174-179, April 2012.

15. L.Raja, S.Varadhaganapathy, A.M.Natarajan, C.Venkatesh" Secure AODV with Self Healing and Optimized Routing Technique for MANETS", International Journal of Engineering Research and Industrial Applications,Vol.1,No. IV, 2008, pp -111.

International Conferences

1. L.Raja, "Solar Tracking system for an Automated Water Pump", Proceedings of International Conference on Advances in Computing, Control, Communication, Automation and structural Engineering", May 7th 2016.

2. L.Raja, R.Mythily,"Cooperative Bait detection scheme based on distributed trust model to detect collaborative attacks in MANET", Proceedings of International conference on Advanced Engineering Technology for sustainable development, 19th & 20th february 2016.

3. L.Raja, Dr.P.S.Periasamy, S.Meenakshi," Security in MANET using Kerberos Authentication Scheme, Proceedings of International Conference on Advances in computing, Control, Communication, Automation and Structural Engineering, April 2015.

4. L.Raja, Dr.P.S.Periasamy, J.K.Deepak," Security in MANETs-A Game Theory Approach" Proceedings of International Conference on Advances in computing, Control, Communication, Automation and Structural Engineering, April 2015.

5. L.Raja, Dona George, Dr.P.S.Periasamy," Security Enhancement in MANET", Proceedings of International Conference on Advanced Computing Control Systems, Machines and Embedded Technology, March 2014, pp- 264-268.

6. L.Raja,Neethu C.T," An Autonomous system to detect multiple attacks in MANET", Proceedings of International Conference on Global Innovations in Technology and Sciences, April 4-6, 2013, pp 92.

7. L.Raja, K.G.Sreejith , " A Surveillance Robot for Disaster Sites" , Proceedings of Second international conference on Recent Advances and Trends in Computer Engineering, Management and Security, March 6-7, 2012, pp 7-10.

8. L.Raja, R.Mahendravarman" Land Evaluation System for Crop Cultivation – A Neural Network Approach", In the proceeding of International conference on Resource Utilization and Intelligent systems", January 4-6, 2006, pp1-5.

National Conferences

1. L.Raja, R Amutha Sathya, S Mohan, S Pavithra , T.Subha Sankari, "Water Pollution Quality Monitoring System using Embedded systems",Proceedings of 10th National Conference on Emerging trends in Communication and Information Technology", March 2018.

2. L.Raja, M.Mohanapriya," Multi attack intrusion detection systems in MANET", Proceedings of 1st national Conference on New Trends in Information Automation & Communication Engineering, March 1-2, , pp-51, 2013.

3. L.Raja, R.Subathina, V.Nivya, "Identification of Frequent Link failure in wireless Adhoc networks", Proceeding of National Conference on National conference on Advances in Computing,Control, Communication, Automation & Structural Engineering, pp- 64,March 2012.

4. L.Raja," Minimization of Congestion in Source Routed ADHOC Networks" National Conference on Industrial Technology, March 2010.

5. L.Raja, G.Artheeswari, B.Nithyapriya" Congestion Aware Source Routed Mobile ADHOC Networks", National Conference on Industrial Technology, pp.19, March 2010.

6. L.Raja, C.Navaneethanakannan, R.Periasamy," Microcontroller based Multi sensored Clear path Indicator", National Conference on Innovative Technologies in Electrical and Electronics Systems, pp-264,March 2010.

7. L.Raja and C.Navaneethanakannan," Embedded based Multi sensored Clear Path Indicator to assist Blind People", National Conference on Innovations in Instrumentation and Intelligent Technologies, March 2010, pp.28.

8. L.Raja "Vehicle to Vehicle Communication Security", 3rd National Conference on Communication and Signal Processing, March 2011.

Funding Initiatives

S.No.	Name of the funding Agencies	Title of the Program	Funding Amount	Status
1	TNSCST	Workshop	63,000	Applied on 3.5.2019
2	**ISRO**	**Seminar**	**50,000**	**Sanctioned on 3.12.2019**
3	DST-SEED (TIDE)	Project (CO-PI)	25,,00,000	Applied on 26.10.2019
4	AICTE-QIS	STTP	5,00,000	Applied on 26.12.2019

Patent Details

1. Filed a patent on RF Energy harvesting System, 6059/CHE/2015, 9th November 2015.