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Present Position

Professor, Department of Electronics and Communication Engineering, College of Engineering Guindy, Anna University, Chennai from December-2014.

Area of Specialisation

- VLSI testing, Digitization, power minimization, Networking, MEMS,IOT

Papers Published in Journals

Research Papers Published in International Journals	18
Research Papers Published in National Journals	1

1. T. Sripriya and Dr. V. Jeyalakshmi, "Demodulation system of Optical MEMS pressure sensor using the simulation tool Optisystem", National level conference on in National conference on Recent Innovations in Science Engineering and Technology, (2015).
2. R.ARUN and Dr.V.JEYALAKSHMI, "Implementation of Authenticated Anonymous Secure Routing in Adversarial Domain for MANETs", International Journal of Applied Engineering Research, published by RIP. Vol. 10, Issue 20, pp. 17994 - 17998 (2015).
3. Arappali Nedumaran and V. Jeyalakshmi, "CAERP: A Congestion and Energy Aware Routing Protocol for Mobile Ad Hoc Network", Indian Journal of Science and Technology, Vol. 8, Issue 35, pp. 1-6 (2015).
4. T. Sripriya and V.Jeyalakshmi, "Simulation of Different Diaphragm Structures for Optical MEMS Pressure Sensors and Its Comparison", International Journal of Applied Engineering Research, Vol. 10, Issue 5, pp. 11749-11754 (2015).
5. T. Sripriya and V.Jeyalakshmi, "OVERVIEW OF POLYMER BASED MEMS SENSORS", National Journal i-manager's Journal on Electronics Engineering, Vol. 5, Issue 2, (2015).
6. J. Venkatesan and V.Jeyalakshmi, "POWER ANALYSIS OF VOLATILE SRAM CELL IN DEEP SUB MICROMETER SCALE", ARPN Journal of Engineering and Applied Sciences, published by Asian Research Publishing Network. Vol. 10, Issue 17, pp. 7438-7442 (2015).

7. R.Kavitha and V.Jeyalakshmi, "Adaptive Gentle Random Early Detection congestion algorithm in Software Defined Network", International Journal of Applied Engineering Research, published by Ripublication. Vol. 10, Issue 17, pp. 13348-13351 (2015).
8. S. Srikanth and V. Jeyalakshmi, "Compact UWB Micro Strip Band Pass Filter with Open Circuited Stubs", Indian Journal of Science and Technology, Vol. 8, Issue 13, pp. 58531-4 (2015).
9. S.Srikanth, Dr. K. Senthilkumar and Dr. V. Jeyalakshmi, "Symmetrical Compact Microstrip Band Pass Filter using Short Circuited $\pi/4$ stubs for WLAN Applications", Australian Journal of Basic and Applied Sciences, published by AENSI. Vol. 10, Issue 1, pp. 400-403 (2016).
10. R. Arun and V. Jeyalakshmi, "Energy Efficient and Secure Data Transmission for Cluster-based WSN using Routing Algorithm", Research Journal of Applied Sciences, Engineering and Technology, published by Maxwell Scientific Publication. Vol. 12, Issue 5, pp. 516-521 (2016).
11. T. Sripriya and V. Jeyalakshmi, "Study of Rectangular Diaphragm-Microelectro mechanical Systems Optical Pressure Sensor", Journal of Computational and Theoretical Nanoscience, published by American Scientific Publishers. Vol. 14, pp. 1-6 (2017).
12. Arappali Nedumaran, V. Jeyalakshmi, P.Sivanesan, "EDM: A NOVEL ROUTE DISCOVERY SCHEME FOR QoS AWARE MANETs", International Journal of Pure and Applied Mathematics, published by Academic Publications. Vol. 119, Issue 16, pp. 2493-2498 (2018).
13. S.Srikanth, Dr. K. Senthil Kumar, Dr. V. Jeyalakshmi, "Miniaturized Micro strip band pass filter for lower UWB applications", International Journal of Pure and Applied Mathematics, published by ACADEMIC PUBLICATIONS. Vol. 119, Issue 16, pp. 3491-3494 (2018).

14. T. Sripriya, V. Jeyalakshmi, "Graphene Based Micro Sized Pressure Sensor Chip—A Simulation Approach", SENSOR LETTERS, published by American Scientific Publishers. Vol. 16, pp. 145-150 (2018).
15. A. Nedumaran, v. Jeyalakshmi, Dereje girmu birru, "Link Stability for Energy Aware Efficient Multicast Routing Algorithm using Manet", International Journal of Recent Technology and Engineering, Vol. 8, Issue 152, (2019).
16. Supraja. G and V. Jeyalakshmi, "Recent Review of Reliability Maintenance in Cellular Communication", International Conference on Communication and Signal processing, published by IEEE. pp. 255-259 (2019).

Papers Presented in Programmes

Research Papers Presented in International Programmes	5
Research Papers Presented in National Programmes	1

1. "Simulation of an Optical MEMS pressure sensor" presented in a International level conference on Embedded System and Communication Technologies and their applications for Sustainable and Renewable Energy , organised by Aarupadai Veedu Institute of Technology, India .
2. T. Sripriya and Dr. V. Jeyalakshmi , "Demodulation system of Optical MEMS pressure sensor using the simulation tool Optisystem" presented in a National level conference on in National conference on Recent Innovations in Science Engineering and Technology, India from 03-May-2015.
3. T. Sripriya and Dr. V. Jeyalakshmi , "Simulation of Circular Diaphragm based Optical MEMS Pressure Sensor" presented in a International level conference on RAINSAT, organised by Sathyabama University , India from 08-Jul-2015.
4. Dr.V.Jeyalakshmi and G. Supraja, "Efficient power minimization in test mode" presented in a International level conference on International Conference on advanced Technology in Engineering & Management, organised by Management Development Institute of Singapore, Singapore from 15-Feb-2019.
5. "Consistency Maintenance in LTE cellular Communication using Optimized Frequency Allocation method" presented in a International level conference on International Conference on advanced Technology in Engineering & Management, organised by Taylor's school of Engineering, Malaysia from 19-Feb-2019.
6. S.Asha Pon and V.Jeyalakshmi, "Analysis of Switching Activity in Various Implementation of Combinational Circuit" presented in a International level conference on Advanced Computing and Communication Systems, organised by Sri Eshwar College of Engineering, Coimbatore, India from 06-Mar-2020 to 07-Mar-2020.