

List of Research Papers Published in International Journals

1. Shankaraiah and P. Venkataram, "Transaction-based bandwidth allocation in a hybrid wireless superstore environment", International journal of Wireless Information Networks, June 26, 2010. [Impact Factor-1.17]
2. Shankaraiah and P. Venkataram, "Transaction-based Quality of Service Management in a Hybrid Wireless Superstore Environment "accepted in International Journal of Computer Networks and Information Security(IJCNIS), Volume 3, No.2, 2011. [Impact Factor- 0.726]
3. Shankaraiah and P. Venkataram, "A dynamic topology management technique for hybrid wireless superstore network"accepted in International Journal of Computer Networks and Information Security (IJCNIS), Volume 3, No. 2, 2011.[Impact Factor- 0.726]
4. Shankaraiah and Basavaraju. G, "Verification of C/C++ IP models using RTL VCD files and STL files to accelerating product time to market", International Journal of computer and communication technology(IJCCT), volume 4, issue 2, 2012 [Impact Factor- 0.597]
5. Mr. Kiran Kumar P. S and Dr. Shankaraiah." Intelligent students tracking system in campus based on RFID and Zigbee", International Journal of Electronics and Communication engineering &Technology (IJCET)". Volume 5, Issue 8, August (2014). [Impact Factor- 7.283]
6. Pratima Bhat, Bushra Alam, Dr Shankaraiah, Karamjit Kaur "Online Spreadsheet Editor - A Migration Solution from Oracle Forms to ADF". International Journal of Computer Trends and Technology (IJCTT) V22 (2):81-85, April 2015. ISSN: 2231-2803. www.ijcttjournal.org. Published by Seventh Sense Research Group. The DOI number is :10.14445/22312803/IJCTT-V22P116 [Impact Factor-2.75]
7. Tanuja P Pargar and Dr. Shankaraiah." A Kinematics Update State Hypotheses Information Surveillance Model for a Moving Train", International Journal of Electronics Engineering (ISSN: 0973-7383), Volume 5, Issue 8, August (2015). [Impact Factor- 4.1]
8. Suresha V and Dr.shankaraiah," Performance Analysis of Vertical Handoff in Heterogeneous Wireless Networks based on Game Theory", "International Journal of Enhanced Research in Science, Technology & Engineering, ISSN No: 2319-7463", Vol. 3, Issue 11, November – 2015 [Impact Factor- 4.059]
9. Rashmi S and Dr, Shankaraiah "Analysis of Voltage Sag in Sub Transmission System", International Journal of Advanced Engineering Research and Science (IJAERS) Vol-3, Issue-9, Sept-2016, ISSN:2349-6495(P), DOI:10.22161/ijarers/3.9. [Impact Factor- 1.317]
10. Tanuja. P. Patgar and Dr. Shankaraiah "A Heterogeneous Access Remote Integrating Surveillance Heuristic Model for a Moving Train in Tunnel"

International Journal of Intelligent System and Application (IJISA), Volume 8, N-3, pp 59-65, 2016. [Impact Factor- 0.743]

11. Tanuja P. Patgar and Dr. Shankaraiah “Performance Analysis of Multi-Source Data Fusion Tracking Algorithm for Ground Based Surveillance Model to Monitor the Moving Locomotive” International Journal of Advances in Computer and Electronics Engineering (IJACEE), Volume: 01 Issue: 03, pp. 23 – 30, 2016. [Impact Factor-]
12. Tanuja P. Patgar and Dr. Shankaraiah “The Impact of Hybrid Data Fusion Based on Probabilistic Detection Identification Model for Intelligent Rail Communication Highway” International Journal of Sensor and its Applications for Control System (IJSACS), Volume 4, N0-02, pp 9-20. 2016. [Impact Factor-]
13. R. Satyanarayana and Dr. Shankaraiah “Bandwidth Enhancement of 4GHZ RMSA for Wireless Communication Application” International Journal of Research in Engineering and Technology (IJRET), Volume 5, Special Issue 21, pp 38-41. Nov-2016. [Impact Factor- 3. 5]
14. Rashmi S and Dr, Shankaraiah “A Novel Faulty Phase Identification Algorithm and Fast DQ Transform Technique for Voltage Sag Detection”, Journal of Circuits, Systems and Computers, Vol. 26, No. 12 (2017) 1750204(17 Pages), Word Scientific Publishing Company DOI: 10.1142/S0218126617502048 [Impact Factor- 0.47]
15. Rashmi S and Dr, Shankaraiah “An Improved Algebraic Method for Finding the Jump Height of Iced Transmission Lines”, International Journal of Computer Applications, Vol. 171, No. 5, Aug (2017) ISBN: 973-93-80897-00-6, DOI: 10.5120/ijca2017915034 [Impact Factor- 3.12]
16. Tanuja P. Patgar and Dr. Shankaraiah “Tracking of locomotive using IMM-Based Robust Hybrid Control Algorithm” International Journal of Sensor and Sensor Network (IJSSN), Volume 9, N-4, PP-47-52, 2017. [Impact Factor-]
17. Tanuja P. Patgar, and Dr. Shankaraiah “Applications of Sensor Matching Control for Locomotive Trajectory Tracking: A Design Concept” International Journal on Computer Application (IJCA), Volume 5, PP 78-82, 2017. [Impact Factor- 3.15]
18. Tanuja P. Patgar and Dr. Shankaraiah “Di-Sensor α - β Model Based SMC Tracking Algorithm for Moving Train Surveillance in Tunnel” Elsevier International Rail Transport Planning and Management (IJRTPM) -----Accepted (2017) Under Publication Process. [Impact Factor- 3.05]
19. Suresha V and Dr. Shankaraiah, “Multi Attribute Vertical Handoff Algorithm for Heterogeneous Networks”. International Journal of Advances in Computer and Electronics Engineering. Volume: 02 Issue: 03, March 2017, pp. 22–27. ISSN: 2456 – 3935(Scopus indexed). [Impact factor-0.63]
20. Rashmi S and Dr, Shankaraiah “An Affine Arithmetic Approach to Model and Estimate the Safety Parameters of AC Transmission Lines”, International Journal of Image, Graphics and Signal Processing (IJIGSP), Vol. 10, No. 1, pp.11-22,2018 DOI: 10.5815/ijigsp.2018.01.02 [Impact Factor- 0.722]

21. Suresha V and Dr. Shankaraiah, "Enhanced Vertical Handoff Decision Approach for the Multimedia Data in Heterogeneous Wireless Network". International Journal of Computer Networks and Wireless Communications (IJCNC). (Paper accepted date: 15.01.2018). (UGC approved journal). [Impact factor: 0.765].
22. R. Satyanarayana and Dr. Shankaraiah "Performance Enhancement of Rectangular Microstrip Patch Antenna using Multiple DGS Technique" International Journal of Applied Engineering Research. [**UGC Approved Journal, Super indexed Journal**] (IJAER), Volume 13, Number 6, pp 3867-3880. 2018. [Impact Factor-0.15]

List of Research Papers Published in International Conference:

1. Shankaraiah and P. Venkataram, "Bandwidth Management in a hybrid Wireless Networks: For superstore Applications", In the Proc of 2010 IEEE International conference on communication systems (IEEE ICCS 2010), PP. 90-91 Singapore, Nov. 17-19, 2010.
2. Shankaraiah and P. Venkataram, "Bandwidth Management in Hybrid Wireless Network: For Remote Healthcare Applications", In the Proc. of 2009 IEEE-9th Malaysia international conference on communications(MICC 2009), Seri Pacific Hotel, Kuala Lumpur, PP. 779 - 784 , Malaysia, Dec. 15-17, 2009.
3. Shankaraiah and P. Venkataram "Policy-Based QoS Management in a Hybrid Wireless Superstore Environment", IEEE International conference on Networks Security, Wireless Communication and Trusted Computing, 23-24 April 2011, Wuhan, China.
4. Shankaraiah Ningaiah and Pallapa Venkataram, "Topology management in a hybrid wireless superstore network", IEEE International conference on Networks Security, Wireless Communication and Trusted Computing, 23-24 April 2011, Wuhan, China.
5. Shankaraiah and Sushanth, "2-D implementation of Digital Gabor Filter Design Using VERLOG", International Conference On Electrical Engineering And Computer Science (ICEECS), May 12th & 13th 2012 pp277-281, Trivendrum.
6. Shankaraiah and Vishak. M, " Implementation of RSA Key Generation based On RNS Using VERILOG", International Conference On Electrical Engineering And Computer Science(ICEECS), May 12th & 13th 2012 pp215-220, Trivendrum.
7. Shankaraiah and Basavaraju. G," Verification of C/C++ IP models using RTL VCD files and STL files to accelerating product time to market", International Conference on computer Science and information technology, 10th June 2012, Tirupati, Andhra Pradesh, India.
8. Shankaraiah and Shilpa Sajjan, "Single parameter display for IBP (Invasive Blood pressure) Module", International Conference on advances in computing, communications and informatics (ICACCI-1012), 3rd -4th August 2012.
9. Shankaraiah & Deepa. S.K., "Design and VLSI Implementation of Cost-Efficient High speed 12bit pipe line ADC in 0.18um Digital CMOS" National Conference on recent advancement in Engineering(NCRAE1212), SETI, Panhala.
10. Basavaraju.G, Praveen Kondugari , Dr.Shankaraiah " Accelerating performance of an VM with re-ordering of an input/output requests at virtual Machine monitor level",

IEEE international conference on Computer communication and system, Saveetha engineering college, Chennai on 20th and 21st of February 2014.

11. Mr. Purusothma P. K and Dr. Shankaraiah. “Gesture Based Finger Print Authentication System for Network Security and Mobile Devices in Heterogeneous Wireless Network”, International Conference on Signal Processing, Image Processing and VLSI (ICrSIV 2014) at DBIT, Bangalore on 21st and 22nd of February 2014.
12. Mrs. Vanajakshi and Dr. Shankaraiah. “Application Aware Context Classification for Mobile Services”, International Conference on Signal Processing, Image Processing and VLSI (ICrSIV 2014) at DBIT, Bangalore on 21st and 22nd of February 2014.
13. Mr. Kiran Kumar P. S and Dr. Shankaraiah.” Intelligent students tracking system in campus based on RFID and Zigbee”, Proceedings of the 2nd International Conference on Current Trends in Engineering and Management ICCTEM -2014,17 – 19, July 2014, Mysore, Karnataka, India.
14. R. Satyanarayana and Dr. Shankaraiah “Performance Enhancement of Probe Fed Microstrip Patch Antenna for Wireless Application” International Conference on Electrical, Electronics, Communication, Computer, and Optimization Techniques (ICEECCOT), IEEE. 978-1-5386-2361-9/17.