

R.M.K COLLEGE OF ENGINEERING AND TECHNOLOGY RSM NAGAR, PUDUVOYAL- 601206



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Paper Published in Journal by Faculty

Academic Year 2014-2015

- 1. **Arulananth T S.,** Jayasingh T., **Gangatharan N** and Baskar M., "GSM Optimization of Coverage Area using Agilent Tool", International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol 4(5), pp.4093-4098, May 2015.
- 2. Raja C and **Gangatharan N.**, "A Hybrid Swarm Algorithm for Optimizing Glaucoma Diagnosis", Computers in Biology and Medicine, Vol 63(C), pp.196-207, May 2015.
- 3. Raja C and **Gangatharan N.,** "Optimal Hyper Analytic Wavelet Transform for Glaucoma Detection in Fungal Retinal Images", Journal of Electrical Engineering & Technology, Vol 10(4), pp.1899-1909, April 2015.
- 4. Priya Stalin and **Arun C.,** "Bang of LER and RDF in CMOS Devices", ARPN Journal of Engineering and Applied Sciences, Vol 10(4), pp.1677-1684, March 2015.
- 5. **Muthumanickam S., Arun C.,** Manoj Kumar V R., Ritesh Kumar Sharma and Rahul Sharma., "Effects of Scaling Factor for Non-Blind Watermarking of Colour Images in DWT-SVD Domain", International Journal of Applied Engineering Research, Vol 10(31), April 2015.
- 6. **Muthumanickam S., Arun C.,** Manoj Kumar V R., Ritesh Kumar Sharma and Rahul Sharma., "Non-Blind Watermarking of Colour Images in DWT- SVD Domain and Robustness to Various Attacks", International Journal of Applied Engineering Research, Vol 35(35), pp.81-87, 2015.
- 7. Sivaramakrishnan R., Ramanathan P K., Vidhya S and **Arun C.**, "Performance Evaluation of EEG and MEG Based Sleep Onset Detection using Mean Comparison Test", International Journal on Applied Bioengineering, Vol 5(1), January 2015.
- 8. Narayanan M and **Arun C.,** "An Efficient Super Peer Selection Algorithm for Peer-to-Peer (P2P) Live Streaming Network" Journal of Theoretical and Applied Information Technology, Vol 70(1), pp. 1-8, December 2014.

- 9. Sampath Kumar K and **Arun C.,** "Fluoresence Image Denoising using Diverse Strategies and their Performance Evaluation", Research Journal of Applied Science Engineering and Technology, Vol 7(23), 5072-5081, 2014.
- 10. Ancy Marzla., Arunachalaperumal C and **Arun C.,** "Performance Enhancement of Transmit Diversity Schemes using Space Time Codes", International Journal of Information, Tele-Communications and Wireless Technologies, 2014.
- 11. Arunachala Perumal C., **Arun C.,** Dhilipkumar S and Abija G., "Performance Evolution of Trellis Coding in Multiple Input Multiple Output Communication Systems-A Review", Journal of Communications Technology and Electronics, Vol 59(11), pp.1247–1252, 2014.
- 12. Shyamala Devi M and **Arun C.,** "A Survey on Secured Searching Techniques for Effective Data Utilization in Public Cloud", Journal of Theoretical and Applied Information Technology, Vol 66(1), pp.58-68, August 2014.
- 13. Saravanakumar C and **Arun C.,** "An Efficient ASCII-BCD Based Steganography for Cloud Security using Common Deployment Model", Journal of Theoretical and Applied Information Technology, Vol 65(3), July 2014.
- 14. Narayanan M and **Arun C.,** "Outliers Based Caching of Data Segment with Synchronization over Video-on Demand using P2P Computing", Research Journal of Applied Sciences, Engineering and Technology, Vol 7(21), pp.4559-4564, June 2014.
- 15. Sangeethalakshmi K., Seshavidhya S., Sivalakshmi P and Chitra A., "Improvement of Signal Coverage using WCDMA Signal Repeater for 3G Systems", International Journal for Research and Development in Technology (IJRDT), Vol 2(2), August 2014.
- 16. **Praveena N G** and Jeevanantham P S A., "Analysis of The Effect of Equalization in MIMO OFDM System", International Journal for Science and Advance Research in Technology" Vol 1(5), pp.89-93, May 2015.
- 17. **Praveena N G., Sreelatha T and SivaPrasad Lebaka.,** "Throughput Optimization using Cross Layer in Wireless Sensor Network", International Journal for Science and Advance Research in Technology" Vol 1(4), pp.64-70, April 2015.
- 18. **Praveena N G** and Dr Helen Prabha K., "An Efficient Multi-Level Clustering Approach for a Heterogeneous Wireless Sensor Network using Link Correlation", Eurasip Journal on Wireless Communications and Networking, pp.1-10, October 2014.

- 19. **Babu M.,** Murugan N and **Kannan K.,** "Real Time ECG Monitoring System: A Novel Architecture of Squaring Circuit for Spectral Estimation", International Journal of Emerging Technology and Innovative Engineering, Vol 1(5), pp.18-22, May 2015.
- 20. **Arulananth T S.,** Jayasingh T., Baskar M and Gnansekaran T., "Hand Free Mouse Access Based on Face Action for the Challenged Human using DSP Algorithm", International Journal of Applied Engineering Research, Vol 10(20), pp.2043-2048, May 2015.
- 21. Baskar M., Gnanasekaran T and **Arulananth T S.,** "Passive Optical Network Supporting Seamless Integration of ROF and OFDMA Signals", International Journal of Engineering Research, Vol 3(12), pp.726-729, December 2014.
- 22. **Arulananth T S.,** Jayasingh T and Ravi S., "Tracking the Position of Multiple Human Gestures Using Contour Mapping Algorithm", Journal of Computer Science, Vol 10(12), pp.1995-2004, December 2014.
- 23. Padmanabhan N C and **Manikandan A.,** "Automation of Conveyor System and Process Control with Power Reduction using Efficient PLC Programming and SCADA", International Journal of Innovative Research in Science, Engineering and Technology, Vol 4(4) pp.41-50, April 2015.
- 24. **Manikandan A** and Dr. Balasubadra K., "An Improved Cross-Layer Design Optimization for TCP Performance in Wireless Networks", Journal of Engineering and Applied Sciences, Vol 10(4), pp.1602-1605, March 2015.
- 25. **Manikandan A** and Dr. Balasubadra K., "Adaptive Modulation and Coding for Cross-Layer design- A Case Study", International Journal of Applied Engineering Research, Vol 9(23), pp.20255-20265, December 2014.
- 26. Neelavathy Pari S., Kalpana D., Sridharan D and **Sathyaraj P.,** "HIT and MISS: A Haphazard Zone Panel Protocol for MANETS", International Journal for Advance Research in Engineering and Technology, pp.36-43, July 2014.
- 27. **Poovizhi S., Sandhiya G., Kavitha R and Akila M R.,** "Image Retrieval From Multi Object System using Interactive Variant Algorithm", International Journal on Computer Science Information and Engineering Technologies, Vol 3(4), pp.1-7, November 2014.
- 28. **Akila M R and Kavitha R.,** "Z-Source Resonant DC-DC Converter for Wide Input Voltage and Load Variation", International Journal on Computer Science Information and Engineering Technologies, Vol 2(4), pp.1-5, August 2014.

- 29. **Shimila R.,** "Autonomous System for Non Destructive Evaluation" International Journal of Applied Research and Studies, Vol 3, August 2014.
- 30. **Dhivya K and Vijayakumari D.,** "UWB and Reconfigurable Antennas for Cognitive Radio Applications using MEMS Technology", International Journal of Scientific Research and Development, Vol 3(2), pp.1338-1341, April 2015.
- 31. **Dhivya K., Vijayakumari D** and Muralikannan K., "Wavelet Packet Tree Based Image Transmission over MIMO Channel", International Journal of Scientific Research and Development, Vol 3(2), pp.1347-1350, April 2015.
- 32. **Vijayakumari D., Dhivya K and Sandhiya G.,** "Terahertz Technology- A Race Between Photons and Electrons", International Journal of Advance Technology in Engineering and Science, Vol 03 (1), pp.1648-1653, March 2015.
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- 34. **Vijayakumari D and Dhivya K.,** "Conceptual Framework of Robot with Nanowire Sensor in Nuclear Reactor", International Journal of Informative and Futuristic Research, Vol 1(11), pp.146-151, July 2014.
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- 36. **Sandhiya** G., "An Efficient General Purpose Motion Estimation Processors", International Journal of Computer Science Information and Engineering technologies, Vol 2(4), August 2014.
- 37. **Ramachandran R** and Sureshkumar.S., "Efficient scheduling and interference alignment for Hyper MIMO OFDM in real time Wi Max systems", International Journal for scientific Research and Development, Vol 3(2), April 2015.
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- 39. **Iyswariya A., Nimitha N., Aarthi K J Veronica** and Selvarasu R., "Design of PI Controller using First Order Plus Time Delay Model for Process Control", International Journal of

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- 40. **Aarthi K J Veronica., Nimitha N., Sathish Kumar G and Iyswariya A.,** "A 3D MEMS Based Motion Sickness Incidence System", International Journal of Computer Science & Technology, Vol 5(3), July-September 2014.
- 41. **Nimitha N.,** Ranjitha R., Santhosh Kumar V and Steffin Franklin., "Implementation of Real Time Monitoring System using Zigbee for Military Soldiers", International Journal for Research In Applied Science and Engineering Technology, Vol 3(4), pp.1056-1059, April 2015.