



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Paper Published in Journal by Faculty

Academic Year 2018-2019

1. **Manikandan A.**, Balasubadra K., and **Shanthi K G.**, “**Cross-layer analysis of Dmmpp queuing with Adaptive Modulation and Coding**”, Journal of Web Engineering, Vol. 17, No. 6, ISSN 1540-9589, June 2018. **(SCOPUS Indexed, IF=0.311)**
2. **Aishwarya N** and BennilaThangammal C., “**Visible-Infrared Image Fusion using DTCWT and Adaptive Combined Clustered Dictionary**”, Infrared Physics and Technology, Vol. 93, ISSN 1350-4495, August 2018. **(SCIE, WEB OF SCIENCE, IF= 1.851)**
3. Gobalakrishnan Natesan and **Arun C.**, “**Task scheduling in Heterogeneous Cloud Environment using mean Grey Wolf Optimization Algorithm**”, ICT Express, Vol. 5, pp. 10-114, ISSN: 2405-9595, August 2018, DOI:<https://doi.org/10.1016/j.ict.2018.07.002>. **(SCIE, WEB OF SCIENCE,IF= 1.211)**
4. Vijayakumar K and **Chokkalingam Arun**, “**Integrated Cloud-Based Risk Assessment Model for Continuous Integration**”, International Journal of Reasoning-based Intelligent Systems (IJRIS), Vol. 10, No. 3/4, November 2018. DOI: 10.1504/IJRIS.2018.096227. **(SCOPUS Indexed)**
5. Poonguzhali Ilango and **Arun Chokkalingam.**, “**A Novel Architecture of Modified Turbo Codes with an Area Efficient High Speed Inter-leaver**”, Concurrency and Computation Practice and Experience, November 2018, <https://doi.org/10.1002/cpe.5067>. (ISSN: 1532-0626) **(SCOPUS Indexed)**
6. Rajasekaran B and **Arun C.**, “**Detection of Malicious Nodes in Wireless Sensor Networks based on Features Using Neural Network Computing Approach**”, International Journal of Recent Technology and Engineering (IJRTE), Vol. 7 Issue-4S2, pp. 188-194, ISSN: 2277-3878, December 2018. **(SCOPUS Indexed)**
7. Jayaram R and **Arun C.**, “**Performance Analysis of Low Power Superimposing OFDM System Architecture**”, International Journal of Recent Technology and Engineering (IJRTE), Vol. 7 Issue-4S2, pp. 182-184, ISSN: 2277-3878, December 2018. **(SCOPUS Indexed)**

8. Gopalakrishnan Natesan and **Arun Chokkalingam.**, “**Optimal Task Scheduling in Cloud Environment Using Mean Grey Wolf Optimization Algorithm**”, International Journal of Technology (IJTech), Vol. 10, No. 1, pp. 126-136, ISSN: 2086-9614; e-ISSN: 2087-2100, January 2019, <https://doi.org/10.14716/ijtech.v10i1.1972>.
9. **Manikandan A.**, Balasubadra K and **Shanthi K G.**, “**Cross Layer Design for TCP Optimization with Successive Acknowledgment Packet Handling Mechanism Through Adaptive Modulation and Coding**”, International Journal of Advances in Electronics and Computer Science, Vol. 6, No. 2 pp. 6-12 ISSN 2394-2835, February 2019.
10. Raja Chandrasekaran, Agilesh Saravanan, Ashok Kumar and **Gangatharan Narayanan.**, “**A novel Particle Swarm Optimization with search Space Tuning Parameter to avoid Premature Convergence**”, International Journal of Mathematical Modelling and Numerical Optimisation, Inder Science Publishers, ISSN 2040-3607, April 2019. Article in Press, DOI: 10.1504/IJMMNO.2019.10021528 (**SCOPUS Indexed**)