

Dr.S.Sasipriya,

Professor,

Department of Electronics and Communication Engineering,

Sri Krishna College of Engineering and Technology,

Coimbatore-641008.

Ph.No.:6379229968

E-mail: sasipriyakarthi@yahoo.com

Area of Specialization: Wireless Communication

PapersPublicationsinJournals / Conferences

- [1] A.Kingsly Jabakumar, **Sasipriya, S**, (2020), "Hybrid QOS-DSCA Based Femtocell in MANETs and Implementation of EEQRPI-MRP Protocol for Interference Mitigation", Materials Today Proceedings, <https://doi.org/10.1016/j.matpr.2020.10.124>
- [2] A.KingslyJabakumar, **Sasipriya, S**, (2020), "EEQRPI-MRP: A quality of service based interference aware multipath routing protocol for MANETs", Journal of Internet Technology, 21(2), 417-423, 10.3966/160792642020032102010.
- [3] **S. Sasipriya**, S. Rajarajeshwari, K. Sowmiya, P. Vinesha, A. Athithya Janani, (2020), "Dynamic Traffic Light Control", International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-6, March 2020.
- [4] Denis, G., Krishnakumar, T., Karthikeyan, M., **Sasipriya, S**, (2020), "Recruitment based on personality traits from digital footprints on social media by using machine learning language", International Journal of Scientific and Technology Research, 9(2), pp. 951-955.
- [5] Denis, L., Krishnakumar, T., Karthikeyan, M., **Sasipriya, S**, (2020), A secured and tamper free authentication and verification of transactions over the network in cash logistics industry, ", International Journal of Scientific and Technology Research, 9(2), pp. 956-959.
- [6] Denis, G., Krishnakumar, T., Karthikeyan, M., **Sasipriya, S.**, (2020), Innovative and automatic execution of HR recruitment based on blockchain using general data protection regulation (GDPR)", International Journal of Scientific and Technology Research, 9(2), pp. 78-81.
- [7] Denis, G., Kumar, T.K., **Sasipriya, S.**, Karthikeyan, (2020), "GPS based armed cash logistics monitoring and surveillance with security", Journal of Critical Reviews 7(1), pp. 586-588.
- [8] Denis, G., Kumar, T.K., **Sasipriya, S.**, Karthikeyan, (2020), Mobile-enabled recruitment is the future of job recruiting to engage talent throughout the enlisting lifecycle together with job search, compliance, communications and social media interactions, Journal of Critical Reviews 7(1), pp. 589-592
- [9] Denis, L., Krishna Kumar, T., **Sasipriya, S.**, Karthikeyan, (2020), Cutting edge futuristic enterprise technology framework for global cash logistics industry using IoT, Journal of Critical Reviews, 7(2), pp. 124-128
- [10] Denis, L., Krishnakumar, T., Karthikeyan, M., **Sasipriya, S**, (2020), "IoT based architecture for banking cash logistics and ATM operations with sensors based

networks”, International Journal of Scientific and Technology Research, 9(2), pp. 2071-2076.

- [11] Arun Sekar R, **Sasipriya S**, (2019), “Implementation of FIR Filter Using Reversible Modified Carry Select Adder”, Concurrency and Computation: Practice and Experience, DOI-10.1002/cpe.4952.
- [12] **Sasipriya S** and Arun Sekar R, (2019) “Vedic Multiplier Design Using Modified Carry Select Adder with Parallel Prefix Adder”, Journal of Computational and Theoretical Nanoscience Vol. 16 No. 5/6, pp.1927–1937, doi:10.1166/jctn.2019.7826.
- [13] **S. Sasipriya**, R. Arun Sekar, G. Kalaivani, A. Sindhu, (2019) “An Efficient Storehouse Robot Based on RFID Tag”, International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249-8958, Volume-8 Issue-5, June 2019
- [14] **Arun Sekar R**, Ganeshkumar D, Rajendran A, Sasipriya S, (2019) “High Speed Multiplier Design Using Kogge Stone Adder”, International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-7, Issue-6S5, pp.571-579.
- [15] **Arun Sekar R**, Sasipriya S, (2018), “An Efficient Framework Design for Low Power Redundant Binary Multiplier”, International Journal for Scientific Research and Developement (IJSRD), Vol. 6, Issue : 8, pp. 416-421.
- [16] Denis, L., Krishnakumar, T., Karthikeyan, M., **Sasipriya, S**, (2020), “Global ATM reconciliation error codes mapping for all OEM manufacturers with common codes for rectification and reconciliation”, International Journal of Advanced Research in Engineering and Technology, 11(1), pp. 52-60.
- [17] Denis, G., Krishnakumar, T., **Sasipriya, S.**, Karthikeyan, M, “Linkedin talent insights for social hiring in HR recruitment using data mining techniques using social, mobility, analytics, cloud (SMAC) architecture”, International Journal of Advanced Research in Engineering and Technology, 11(1), pp. 80-89.
- [18] Denis, L., Krishnakumar, T., Karthikeyan, M., **Sasipriya, S**, “Offline mobile based OTP technology for enterprise IOT enabled architecture in banking cash logistics & atm operations”, International Journal of Advanced Research in Engineering and Technology, 11(1), pp. 61-69.
- [19] D Ruth Anita Shirley, **Sasipriya S**, (2018), “Electromagnetic Interference and its Effect on the Printed Circuit Board”, Journal of Advanced Research in Dynamical & Control Systems, Vol. 10-12 special Issue 2018, 684-688 (Scopus Indexed).
- [20] **Sasipriya S**, Aparna C B, (2018), “Mutual Coupling Reduction in Complementary Structured Monopole Antennas by Using T-slot”, Journal of Advanced Research in Dynamical & Control Systems, Vol. 10-12 special Issue 2018, 459-465 (Scopus Indexed).
- [21] **Sasipriya S**, Aparna C B, (2018), “Compact Microstrip Diplexer Using Bandstop Filters For GSM And WLAN Applications”, International Journal of Pure and Applied Mathematics Vol. 119 No. 12 2018, 1395-1401 (Scopus Indexed).
- [22] Saravanan S.V, Senthilganesh R, **Sasipriya .S**, (2017), “Design and Performance Analysis of Low Power 4 bit Flash Analog to Digital Converter”, Journal of Advanced Research in Dynamical & Control Systems, 01-Special Issue, pp. 197-208 (Scopus Indexed).

- [23] Saravanan S.V, Sivakumar .S.A, **Sasipriya .S**, (2017), “Design of Low Power D-Flip Flop based on Full Swing GDI Logic and Implementation in 4X4 SRAM”, Journal of Advanced Research in Dynamical & Control Systems, Vol. 9, No. 4, 2017, pp.188-201 (Scopus Indexed).
- [24] Saravanan S.V, Sivakumar .S.A, **Sasipriya .S**, Sowmya .R (2016), “Design of low power flip flop and implementation in a 4 bit counter”, International Journal of Printing Packaging and Allied Sciences, Vol. 4, No. 3.
- [25] **S. Sasipriya**, S. Rajarajeshwari, K. Sowmiya, P. Vinesha, (2020), “Road traffic condition monitoring using deep learning”, 2020 International Conference on Inventive Computation Technologies (ICICT), DOI: 10.1109/ICICT48043.2020.9112408.
- [26] M. Bhuvaneswari, **S. Sasipriya**, (2020), “Performance Analysis of various techniques adopted in a 5G communication network with a massive MIMO system”, 2020 International Conference on Inventive Computation Technologies (ICICT), DOI: 10.1109/ICICT48043.2020.9112446.
- [27] Janeera D.A., **Sasipriya S.** (2020) A Brain Computer Interface Based Patient Observation and Indoor Locating System with Capsule Network Algorithm. International Conference on Image Processing and Capsule Networks ICIPCN 2020: Image Processing and Capsule Networks pp 258-268, https://doi.org/10.1007/978-3-030-51859-2_23
- [28] **Sasipriya S** and Rajarajeswari S (2019), " Road Traffic Condition Monitoring Using Deep Learning", e-version of the Conference Proceedings of ICTAL 2030, International Conference on Transforming Academic Libraries: Vision 2030.
- [29] **Sasipriya S** and Anusuya A (2019), “Vehicle-to-Vehicle Communication using Cognitive Radio Technology, Proceedings of 2018 IEEE International Conference on Computational Intelligence and Computing Research: 2018 ICCIC, IEEE catalog number: CFP1820J-PRT, ISBN: 978-1-5386-1507-2.
- [30] C.B.Aparna and **Sasipriya .S** (2018), “Compact Structured UWB monopoles for Minimizing Mutual Coupling”, International Conference on Science, Technology, Engineering and Management (ICSTEM’18)
- [31] C.B.Aparna and **Sasipriya .S** (2017), “A Microstrip RF Diplexer for GSM and WLAN Applications” International Conference on Recent Advances in Engineering and Technologies at Sri Krishna College of Engineering and Technology.
- [32] **SasipriyaS** and Vigneshram R (2016), “An overview of Cognitive Radio in 5G Wireless Communications”, Proceedings of 2016 IEEE International Conference on Computational Intelligence and Computing Research: 2016 ICCIC, IEEE catalog number: CFP1420J-PRT, ISBN: 978-1-4799-3974-9.