

Member 1: Dr. S. Sasirekha

Publication Details for last five years:

1. M Oviyaa, P Renvitha, R Swathika, IJL Paul, S Sasirekha, "Arduino based Real Time Drowsiness and Fatigue Detection for Bikers using Helmet", 2nd International Conference on Innovative Mechanisms for Industry Applications (ICIMIA), 2020.
2. N Sundareswaran, S Sasirekha, I Joe Louis Paul, S Balakrishnan, G Swaminathan, "Optimised KYC Blockchain System", International Conference on Innovative Trends in Information Technology (ICITIIT), 2020.
3. IJL Paul, S Sasirekha, DR Vishnu, K Surya, "Recognition of handwritten text using long short term memory (LSTM) recurrent neural network (RNN)", AIP Conference Proceedings 2095 (1), 030011, 2019.
4. IJL Paul, S Sasirekha, S Mohanavalli, C Jayashree, PM Priya, K Monika, "Smart Eye for Visually Impaired-An aid to help the blind people", International Conference on Computational Intelligence in Data Science (ICCIDS), 2019
5. IJL Paul, S Sasirekha, "A safety system for school children using GRAG", International Journal of Computer Aided Engineering and Technology 11 (4-5), 527-542, 2019.
6. IJL Paul, S Sasirekha, SU Maheswari, KAM Ajith, SM Arjun, SA Kumar, "Eye gaze tracking-based adaptive e-learning for enhancing teaching and learning in virtual classrooms", Information and Communication Technology for Competitive Strategies, 165-176, 2019.
7. S Sasirekha, IJL Paul, S Swamynathan, "An API Centric Smart Kitchen Application", International Conference on Computer, Communication, and Signal Processing (ICCCSP), 2018.
8. S Sasirekha, S Swamynathan, S Suganya, "An ECC-based algorithm to handle secure communication between heterogeneous IoT devices", Advances in Electronics, Communication and Computing, 351-362, 2018.
9. S Sasirekha, S Swamynathan, S Keerthana, "A Generic Context-Aware Service Discovery Architecture for IoT Services", International Conference on Intelligent Information Technologies, 273-283, 2017.
10. Dhanasekar Sundararaman, Gowtham Ravichandran, R Jagadeesh, S Sasirekha, I Joe Louis Paul, Sankaranarayanan Swamynathan, "Customizable Vehicle Tracking with Intelligent Prediction System", Conference on e-Business, e-Services and e-Society, 298-310, 2017
11. S Sasirekha, S Swamynathan, "Cluster-chain mobile agent routing algorithm for efficient data aggregation in wireless sensor network", Journal of Communications and Networks 19 (4), 392-401, 2017.
12. S. Swamynathan S. Sasirekha, "A Dual Protocol Stack for Intelligent Traffic Monitoring System", Second International Conference on Smart Trends for Information Technology and Computer Communications, SmartCom2017, 2017.
13. S Sasirekha, S Swamynathan, "Identifying an Efficient Semantic Data Representation format for Heterogeneous Streams of Data", International Conference on Computing Technologies(ICONCT'17), 2017.
14. S Sasirekha, IJL Paul, S Swamynathan, Y Gokul, P Kirthana, "Smart Helmet with Emergency Notification System-A Prototype", 3rd International Conference on Wireless Communication and Sensor Network (ICWCSN 2016), 2017.

15. S Sasirekha, S Swamynathan, "Fuzzy rule based environment monitoring system for weather controlled laboratories using Arduino", International Journal of Intelligent Information Technologies (IJIT) 13 (1) 50-66, 2017.
16. S Sasirekha, S Swamynathan, S Chandini, K Keerthana, "Analysis of Application Layer Protocols in Internet of Things", International Conference on Advances in Computing and Data Sciences, 550-561, 2016.
17. IJL Paul, S Sasirekha, SJ Iswarya, RP Chandru, "Fruit Freshness Monitoring System During Transportation", Pakistan Journal of Biotechnology 13 (II), 29-34, 2016.
18. S Sasirekha, S Swamynathan, "A Comparative Study and Analysis of Data Aggregation Techniques in WSN", Indian Journal of Science and Technology 8 (26), 1-10, 2015.
19. AB Prashanth, PJT Nielsina, S Sasirekha, "A Study on IoT Based Applications", International Journal of Applied Engineering Research 10 (34), 27284-27285, 2015.
20. S. Sasirekha, I. Joe Louis Paul, B. Prasanth, M.R. Pravinkumar, K.H. Srijish, S. Swamynathan, "Automatic Wireless Sensor Network Based Railway Safety System", Australian Journal of Basic and Applied Sciences 9 (20), 313-317, 2015.