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PUBLICATIONS

Journals:

- Raja Krishnamoorthy, T.Jayasankar, **S. Shanthi**, M.Kavitha, C.Bharatiraja, "Design and implementation of power efficient image compressor for WSN systems", Materials Today Proceedings, Available online 23 October 2020. (Scopus, SCIE).
- P.Sai Ganesh, **S. Shanthi**, "Development Of An Authenticated And Optimized Exam Hall Access System" Journal Of Critical Reviews, ISSN- 2394-5125 VOL 7, ISSUE 15, June-2020.
- T.N.V.S.Praveen, **S. Shanthi**, "IoT based Global Robot Using Blynk App", Test Engineering and management, Vol. 83, Page No 3272-3275, May June 2020. ISSN: 0193-4120.
- T. Jayasankar, **S. Shanthi**, R. M. Bhavadharini and C. Thiruvengadam "A Multicast Effective Intrusion Detection System for MANET", Biosc.Biotech.Res.Comm. Special Issue Vol 13, No (2), May-2020, Pp-132-136. (E-WoS). Print ISSN: 0974-6455 Online ISSN: 2321-4007.
- **S. Shanthi**, R.Dineshkumar, S.Sumithra, R.Purushothaman, V. Praveen Kumar, "An Analysis of Psycho-Social Apprehensions of a Common Man Linked with COVID-19 Pandemic", International Journal of Advanced Science and Technology (IJAST), Vol. 29, No. 5, (May) (2020), pp. 5792 5798. (Scopus), ISSN: 2005-4238
- Dr.M.Kavitha, **Dr. S. Shanthi**, A. Beno, B.Arul Rajan, Dr.M.Sathish, "Design of 2 X 2 MIMO-DRA Antenna for 5G Communication", International Journal Of Scientific & Technology Research Volume 9, Issue 03, March 2020 (Scopus).ISSN 2277-8616.
- T.N.V.S.Praveen, **S. Shanthi**, "Globally Controlled Robot using IoT", International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 8958, Volume-9 Issue-3, February, 2020.
- N. Dileep kumar, **S. Shanthi**, "Automatic Gate using Face Recognition Technique using HAAR Cascade Algorithm", International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 8958, Volume-9 Issue-3, February, 2020.
- M. Om Sai Reddy, **Shanthi**, "Effective Water Supply System for Metros with Data Analytics", Test Engineering and management, Vol. 82, January-February 2020 ISSN: 0193-4120 Page No. 10783 10787.

- N.Dileep kumar, **Dr. S. Shanthi**, "A Review Paper On Face Recognition Technique", Journal Of Critical Reviews, ISSN- 2394-5125, VOL 7, ISSUE 06, 2020.
- T.Masthan, S. Shanthi, "Vehicle Tracking System using GPS", Journal Of Critical Reviews, ISSN- 2394-5125 VOL 7, ISSUE 05, 2020.
- T.Masthan, **S. Shanthi**, "Development Of Logistics Management System For Transportation Industries", International Journal of Psychosocial Rehabilitation, Vol. 24, Issue 02, 2020, ISSN: 1475-7192.
- CH. Brahmaiah, **S. Shanthi**, "Design and Implementation of a Shopping System Using A Smart Trolley with Automated Billing And Inventory Control", Journal Of Critical Reviews, ISSN- 2394-5125, Vol 7, Issue 06, 2020.
- CH. Brahmaiah and **S. Shanthi**, "Development and Integration a Smart Trolley with Automatic Billing and Inventory Control System", International Journal of Psychosocial Rehabilitation, Vol. 24, Issue 03, 2020. ISSN: 1475-7192
- **Dr. S. Shanthi**, Dr. T. Jayasankar, Prasad Jones Christydass, Dr.P.Maheswara Venkatesh, "Wearable Textile Antenna For GPS Application", International Journal of Scientific & Technology Research, ISSN 2277-8616, (Scopus), Volume 8, Issue 11, November 2019.
- P.Shyamala Bharathi, M. Sujatha, **S. Shanthi**, "Resource Allocation by Demand Based Optimization and Machine", International Journal of Innovative Technology and Exploring Engineering (IJITEE), (Scopus), ISSN: 2278-3075, Volume-8 Issue-12, October, 2019.
- M. Sujatha, Shymala Bharathi, **S. Shanthi**, "Attendance Management System using Face Recognition", International Journal of Innovative Technology and Exploring Engineering (IJITEE), (Scopus), ISSN: 2278-3075, Volume-8 Issue-12, October, 2019.
- **S. Shanthi**, Shyamala Bharathi, M.Sujatha, "Data Based Estimation of Near Future Values of Blood Glucose with K-Nearest Neighborhood Algorithm", International Journal of Innovative Technology and Exploring Engineering (IJITEE), (Scopus), ISSN: 2278-3075, Volume-8 Issue-12, October, 2019.
- **Shanthi S**. "Prediction of Glucose Concentration in Blood Plasma with Support Vector Regression Algorithm", International Journal of Engineering and Advanced Technology (IJEAT), (Scopus), ISSN: 2249 8958, Volume-8 Issue-6S, August 2019.
- **Shanthi S**. "Customized Prediction of Heart Disease with Adaptive Neuro Fuzzy Inference System", International Journal of Advanced Research in Computer and Communication Engineering, Vol.6, Issue 2, Feb 2017. DOI: 10.17148/IJARCCE.2017.6204.

Shanthi S., Balamurugan, P. and Kumar, D. "Application of Artificial Intelligence Techniques for The Prediction of Blood Glucose Concentration", International Journal of Applied Engineering Research, (IJAER), (Scopus), Vol. 10, No 5, pp. 11611-11631, 2015.