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Area of Specialization: Wireless Sensor Networks, Embedded Systems, Microcontrollers

**Publications:**

S.No	Publications	Year
1.	An Improved Low Complex Offset Min-Sum Based Decoding Algorithm for LDPC Codes N Roberts, M.K., Mohanram, S.S., <b>Shanmugasundaram</b> Mobile Networks and Applications 24 (6), 1848-1852	2019
2.	Enhancements of Resource Management for Device to Device (D2D) Communication: A Review Logeshwaran J, <b>Shanmugasundaram</b> RN Proceedings of Third International Conference on I-SMAC (IoT in Social ...	2019
3.	Gesture controlled trolley KM <b>Dr.N.Shanmugasundaram</b> , Chandhana S, Gowtham K, Imtheyas Mohamed F M International Journal of Advanced Computing and Communication Systems 6 (1), 5-9	2019
4.	Power Reduction using Pulsed Latch Method in Lookahead Clock Gating Technique <b>N Shanmugasundaram</b> , S Tamilchindhu International Journal for Science and Advance Research in Technology 4 (5)	2018
5.	Clock Gating Techniques: An Overview SN Tamil Chindhu S Proc. IEEE Conference on Emerging Devices and Smart Systems (ICEDSS 2018 ...	2018
6.	ECG Monitoring System Using Arduino and AD8232 AM <b>Dr.N.Shanmugasundaram</b> , R.Bharathkumar, T.Gowthamraj, V.Kaliyugathuayyan International Journal for Science and Advance Research in Technology 4 (3 ...	2018
7.	Performance Evaluation of Balanced Partitioning Dynamic Cluster Head Algorithm (BP-DCA) for Wireless Sensor Networks MM R. <b>N. Shanmugasundaram</b> Wireless Personal Communications 89 (1), 195-210	2016