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**Area of Interest:** VLSI Design, Wireless Sensor Networks, Digital Signal Processing

### **List of Publications**

1. V. Hamsadhwani, Arun Pachai Kannu, K. Lakshmi, C.Narmadha (2020) Queueing Delay Performance of Schedulers in Centralized Sensing Cognitive Radio Networks, International Review on Modelling and Simulations(IREMOS), Vol 11, No 5,pp.325-332,
2. C.Narmadha, R.Poonguzhali, V.Hamsadhwani, V.Violetjuli, (2020) An Energy Efficient Clustering Algorithm Using HMS and PSO algorithm for Wireless Sensor Network, ICEET Conference, PITS,Thanjavur.,
3. C.Narmadha, P.Marichamy,A.E.Narayanan, (2018) A Survey on Hierarchical-Based Routing Protocols for Wireless Sensor Networks, International Journal of Pure and Applied Mathematics,119,pp.3663-3676.
4. C.Narmadha, P.Marichamy,A.E.Narayanan, (2018) An Energy Efficient Clustering Algorithm Using Harmony Memory Search for Wireless Sensor Network, International Review on Modelling and Simulations(IREMOS), Vol 11, No 5,pp.325-332.
5. C.Narmadha, P.Marichamy,A.E.Narayanan, (2018), A Novel Energy Aware Clustering Approach to Reduce Energy Consumption in Wireless Sensor Network based on Particle Swarm Optimization, Journal of Advanced Research in Dynamical & Control Systems, Vol. 10, (13),pp.373-381.
6. C.Narmadha, P.Marichamy,A.Hemalatha,P.Avirajamanjula (2018), Improve Scalability in Wireless Sensor Networks Using Certificate Less Effective Key Management Scheme, IJRAR, Vol. 5 (4),pp. 307-314.
7. L. Vanamala Vaasanthika, Narmadha.C (2017), "Improvement in the Detection of Defective Components at Rota Test Bench By Using A Combination of PLC and HMI ,"Indian J.Sci.Res. 14 (1): 344-347,
8. Priyanga Ancy.G, Narmadha.C(2016), " Implementation and Analysis of Dynamically Randomize-Anonymous Location-Based Efficient Routing Protocols for MANET's ,"International Journal of Latest Trends in Engineering and Technology.