


FACULTY PROFILE

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| Name | : | Dr.C.Narmadha |  |
| Designation | | Assistant Professor[SS] | |
| Department | | ECE | |
| Educational Qualification | | Ph. D ECE M.E. Computer Communication B.E. ECE | |
| Subject of Interest | : | Wireless Sensor Networks Digital Signal Processing | |
| Publications : | : | <p>1. 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.</p> <p>2. 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.</p> <p>3. 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.</p> <p>4. C.Narmadha, P.Marichamy, A.Hemalatha, P. Avirajamanjula (2018), Improve Scalability in Wireless Sensor Networks Using Certificate Less Effective Key Management Scheme, Vol. 5 (4),pp. 307-314</p> <p>5. L. Vanamala Vaasanthika, Narmadha.C, " 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, 2017</p> <p>6. C.Narmadha, P.Usharani (2018), Improved Certificate Less Effective Key Management in WSN, Vol. 5 (3).</p> <p>7. Priyanga Ancy.G, Narmadha.C, " Implementation and Analysis of Dynamically Randomize-Anonymous Location-Based Efficient Routing Protocols for MANET's ,"International Journal of Latest Trends in Engineering and Technology, Vol. 7(3), 2016.</p> <p>8. Priyanga Nancy.G, Narmadha.C, " A Certificate Less Active</p> | |

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| | | <p>Key Management in Dynamic Wireless Sensor Networks , "International Journal of Advanced Research in Computer and Communication Engineering Vol. 5, Issue 1, January 2016</p> <p>9. G.Gandhimathi, Narmadha.C, " Speech Coding and Phoneme Classification using Matlab and Neural Networks," PMU Journal of Computing Science and Engg. July-Dec 2010ISSN:0976-4240</p> <p>10. G.Gandhimathi, Narmadha.C, " Imparting(e-learning) Primary education through Community Radio for rural people," International Journal of Action Research and Engineering to Eradicate Poverty(IJAREEP)” December 2010,Vol.No.1,Issue No.3</p> <p>11. G.Gandhimathi, Narmadha.C, " Simulation of Narrow Band Speech Signal using BPN Networks," International Journal of Computer Applications (IJCA)”, August 2010Number 9,Article 8</p> |
| Funded Projects | : | - |
| Patents | : | Has one international patent as one of inventors of the project titled “ An Electro-Pneumatic Projectile Launching Training System” , 2019 funded by Indian Air force |
| Awards and Achievements | : | <p>Best NSS officer Award - 2011 – 2012 - Periyar Maniammai University</p> <p>Best Non-Teaching(Tech.) Award - 2000 – 2001 - Periyar Maniammai College of Technology for Women</p> <p>Cent Percentage Result for Measurement and Instrumentation - 2005 – 2006 - Periyar Maniammai College of Technology for Women</p> <p>Cent Percentage Result for Digital Signal Processing - 2005 – 2006 - Periyar Maniammai College of Technology for Women</p> |
| Google Scholar Link | : | https://scholar.google.com/citations?hl=en&user=LUWYNg8AAAAJ |
| Contact Address | : | <p>Ms. C. Narmadha</p> <p>Dept. of ECE</p> <p>Periyar Maniammai Institute of Science and Technology</p> <p>Periyar Nagar, Vallam , Thanjavur</p> <p>E Mail - narmadhaece@pmu.edu</p> <p>Phone No : +919944495689</p> |