FACULTY PROFILE FOR WEBSITE			
Name	:	Dr.S.Janani	
Designation	:	Associate Professor	
Department	:	ECE	
EducationalQualification	:	B.E,M.E,Ph.D.,	
Subject ofInterest	:	1.Antennas & Microwave Engineering 2.Communication Networks	
Publications	:	1. Synthesis of Process Varied ASIC MIMO Decoder Architecture in 45nm CMOS, International Journal of Innovations in Scientific and Engineering Research(IJISER), volume1,issue 11, Dec 2014. 2. Sparse Data Transmission using AOMDV Protocol with Wireless Sensor Network, International Journal of Innovations in Scientific and Engineering Research(IJISER), Vol 01, Issue 11, December 2014. 3. Design RFID Tag and implementation of RSSI Based Automatic Toll Connection, International Journal of Advanced And Innovative Research(IJAIR), volume 4,issue 05 May 2015. 4. Design RFID Tag and implementation of RSSI Based Automatic Toll Connection, International Journal of Innovative Research in Electronics, Instrumentation and control Engineering(IJIREEICE),Vol.3,Issue.6, June 2015. 5. Synthesis of MIMO Architecture Designed using Adiabatic Logic at 45nm Technology, International Journal of Advanced Research Trends in Engineering and Technology(IJARTET), volume 2,issue 04,April 2015. 6. Synthesis of MIMO Architecture Designed Using Adiabatic Logic at 45nm, International Journal of Electronics & Communication Technology (IJECT), Vol. 6, Issue 2April - June 2015. 7. Sparse Data Transmission in AOMDV using ARS algorithm published in International Journal of Wireless Networks and communications(IJWNC),Research India Publications, New Delhi, Vol 07, No 01,2015 8. Clustered Heed Based Data Transfer Strategy For Cognitive Radio Sensor Networks, Vol.11,No.21, November 2016. 9. Clustered Heed Scheme For Congestion Avoidance in Cognitive Radio Sensor Networks, Journal of Theoretical and Applied Information Technology, Vol.96. No 17, September 2018. 10. Spectrum Sensing Based Heed Routing Performance Enhancement Strategy For Cognitive Radio Sensor Networks, Journal of Advanced Research in Dynamical and control systems, Vol. 10, 07-Special Issue, April 2018. 11. Clustered Heed Based Cross Layer Routing Scheme For Performance Enhancement Of Cognitive Radio Sensor Networks", Communications in Computer and Information Science (Springer), CCIS 837, pp. 569–583.	

		12. Investigative Study On Routing Methods For CRSN, International Journal of Latest Trends in Engineering and Technology, Vol.10, Issue 2,pp51-60, May 2018. 13. An Optimized Congestion Retrieval Mechanism For Cognitive Radio Sensor Networks, Journal of Computational and Theoretical Nano science, Vol.16, pp.1-10, 2019. 14. Cross Layered Solution For Traffic Congestion In Coginitive Radio Sensor Networks, Caribbean Journal of Science, Volume 53, ISSUE 2 (MAY - AUG), 2019, 2019. 15. An Optimized Energy Efficient Routing In Cognitive Radio Sensor Network, The International journal of analytical and experimental modal analysis, Volume XII, Issue VI, June/2020, June 2020. 16. Survey on Security Mechanisms and Routing Using Leach Protocol in Cognitive Radio Sensor Network, International Journal of Advanced Research in Science, Communication and Technology (IJARSCT), Volume 12, Issue 2, December 2020. Presented Thirteen papers in International Conferences.
Awards and Achievements	:	1. Received cash prize of Rs 1000 & Rs 500 for academic excellence during III and II year DEEE from Vice chancellor of Annamalai University. 2. Received Gold and Silver Medals for academic excellence in university Exam (M.E) from Shiv Nadar. 3. Received Academic Excellence award from AVCCE for producing 100% result. 4. Ten NPTEL courses completed. 5. Written Nine books and 2 chapters in a book. **PROJECT PROPOSAL GRANTS OBTAINED**: 1. Exam hall identification using smart card-**TNSCST-April 2015- Rs 7500** 2. Exam hall identification and attendance marker using QR code scanners-**TNSCST-April 2020- Rs 7500**
GoogleScholar Link	:	https://www.researchgate.net/profile/Janani-Selvaraj-6
ContactAddress	:	Dr.S.Janani,Associate Professor/ECE, Periyar Maniammai Institute of Science & Technology,Vallam,Tanjore. Cell:9865175527 Email:drsjananiece@pmu.edu