NAME: Dr. S.ANANTHI

DESIGNATION: PROFESSOR

DEPARTMENT: ECE

NAME OF THE ORGANIZATION: THIAGARAJAR COLLEGE OF ENGINEERING
PLACE: MADURAI

PINCODE: 625015
MOBILE: 9944292916

EMAIL: gananthi@tce.edu

AREA OF SPECIALIZATION: WIRELESS COMMUNICATION

PUBLIC ATIONS

INTERNATIONAL JOURNALS: 6

1. **G.Ananthi,** Uplink SINR Analysis in Massive MIMO Systems using Ginibre Point Process, Springer Wireless Personal Communications, Vol.106,No.3,June 2019

2. **G.Ananthi,** Performance analysis of filter bank multicarrier system with non linear high power amplifiers for 5G wireless networks,IET Signal processing,Vol.11,Iss.1,pp.66-72,Feb 2017

3. **G.Ananthi,** Timing Estimation Algorithm for OFDM based Wireless systems, IET Science,Measurement and Technology,Vol.11,Issue 2,pp.149-154,March 2017

4. **G.Ananthi,** Outage probability analysis of multiple input and multiple output ad-hoc networks with random topology, IET Signal Processing,Vol.9,Issue 3, pp.288-296,May 2015

5. **G.Ananthi,** Channel Estimation in massive MIMO Systems, International Journal of Applied Engineering Research (IJAER) Journal, Vol.10,No.20,pp. 18807-18811,2015

6. **G.Ananthi,** Outage probability analysis of MIMO Ad-hoc networks with quantized beamforming,IET Communications,Vol.6,Issue 7,pp.708-716,May 2012

INTERNATIONAL CONFERENCE: 7

1. **G.Ananthi,** Simultaneous Extreme Ultraviolet Information and Power Transfer (SEUVIPT), IEEE International Conference on Signal Processing and Communications (SPCOM), Indian Institute of Science (IISc), Bangalore, July 19-24,2020

2. **G.Ananthi,** Harvesting Capacity Analysis of IoT Vehicular Mesh Networks using Poisson Cox Point Process,IEEE International conference on Microwave Integrated circuits,Photonics and Wireless Networks (IMICPW),NIT,Trichirappalli,22.05.2019-24.05.2019

3. **G.Ananthi,** Stochastic Geometry Analysis of Physical Layer Security in Vehicular Relay Networks, International conference on Analysis and Applied Mathematics,NIT,Trichy,July 2-4,2018

4. **G.Ananthi,** Performance Analysis of Vehicular Ad-hoc Networks with Space Shift Keying Modulation,IEEE Wispnet conference,March 2017

5. **G.Ananthi,** Performance analysis of Social IoT Networks, ICEEC 2016

6. **G.Ananthi,** Design of precoder in Massive MIMO Systems,ICIIECS,2016

7. **G.Ananthi,** Channel Estimation in massive MIMO system,ICIIECS,2015