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Chennai-116.



Present Position

Assistant Professor, Department of Electronics and Communication Engineering, College of Engineering Guindy, Anna University, Chennai from July-2001.

Present Additional Responsibility

- Student Counsellor, Anna University, Anna University, Chennai from January-2017.

Previous Positions

- Lecturer, Department of Electronics and Communication Engineering, College of Engineering Guindy, Anna University, Chennai during February-2005 and December-2007.
- Teaching Research Associate, Department of Electronics and Communication Engineering, College of Engineering Guindy, Anna University, Chennai during July-2001 and February-2005.

Previous Additional Responsibility

- Resident Counselor, Girls Hostel, Anna University, Chennai during March-2005 and May-2005.

Other Employment

- LECTURER, PERIYAR MANIAMMAI COLLEGE OF ENGINEERING AND TECHNOLOGY-THANJAVUR for 6 MONTHS (FROM 03.01.2001 TO 1.

Degree

- ❖ M.E. in ELECTRONICS AND COMMUNICATION ENGG , THIAGARAJAR COLLEGE OF ENGINEERING- MADURAI, MADURAI KAMARAJ UNIVERSITY- MADURAI (1999 - 2000).
- ❖ B.E. in ELECTRONICS AND COMMUNICATION ENGG , PERIYAR MANIAMMAI COLLEGE OF ENGINEERING AND TECHNOLOGY-THANJAVUR, BHARATHIDASAN UNIVERSITY-TRICHY (1994 - 1998).

Area of Specialisation

➤ COMMUNICATION SYSTEMS AND NETWORKING

Membership in Professional Organization

➤ LM ISTe

Research Guidance

Number of M.E./ M.Tech. Projects : 20
Guided

Papers Published in Journals

Research Papers Published in International Journals : 3
Research Papers Published in National Journals : 0

1. Nandhini.S, Pushpalatha.V, " Algorithm for constructing minimum size WSN with energy efficient sensors", OSIETJournal of Communication and electronics, published by IEEE. Vol. 4, (2012).
2. pushpalatha.v anitha.m, "co-operative spectrum sensing scheduling for energy efficient cognitive radio networks", IJSIET, (2014).
3. "subcarrier allocation for sum rate maximization in 5G NOMA system using matching theory", IJEECs, Vol. 7, Issue 5, (2018).

Papers Presented in Programmes

Research Papers Presented in International Programmes : 7
Research Papers Presented in National Programmes : 1

1. v.Pushpalatha, indumathi,Dr. M.Meenakshi, "ETI wavelet transform based signal detection algorithm " presented in a International level conference on NICE-2001 , organised by IETE, cochin centre, India .
2. on An improved carrier frequency- offset estimator for MC-CDMA system, India .
3. Anitha.D Pushpalatha.V, "study of slotted- complementary split- ring resonator on Patch antennas for mutual coupling losses" presented in a International level conference on International conference on Electronics and communication engineering, India .
4. "Signal processing of MC-CDMA systems in wireless communication " presented in a International level conference on NCETEC-2005 confrence proceedings , India from 21-Mar-2005.

5. "Interference cancellation in MC-CDMA system for wireless networks" presented in a International level conference on conference proceedings, organised by P.S.G.Tech , coimbatore, India from 04-Apr-2005.
6. "Impact of frequency offset on the performance of MC-CDMA system for wireless LAN" presented in a International level conference on NCSSC_2006 conference proceedings, India from 16-Jun-2006.
7. "Design and analysis of power scheduling algorithm for cognitive radio secondary users" presented in a National level conference on National conference on computer communication and networking, organised by Valliammai Engineering College, India from 05-Apr-2014 to 05-Apr-2014.
8. "Subcarrier allocation for sum rate maximization in 5G NOMA system using matching theory" presented in a International level conference on ICITEASM-2018, organised by Osmania University, India from 20-May-2018.

Programme Organized

1. International level conference on "An improved carrier frequency offset estimator for MC-CDMA system" .
2. National level workshop on "An improved carrier frequency offset estimator for MC-CDMA system" .
3. Co-ordinator, National level workshop on "Wireless sensor networks and its use in IOT" from 20-Nov-2015.
4. Co-Ordinator, National level workshop on "Wireless sensor Networks and its use in IOT" from 20-Nov-2015.
5. Co-Ordinator, National level workshop on "communication networks" from 06-Jan-2017 to 07-Jan-2017.

Programme Attended

1. Participated in a International level conference on "Impact of non linear effects on BER performances in MC-CDMA systems" .
2. Participated in a International level conference on "Impact of frequency offset on the performance of MC-CDMA system for wireless LAN" , India.
3. Participated in a International level conference on "Interference cancellation in MC-CDMA system for wireless networks" , India.
4. Participated in a International level conference on "performance evaluation of carrier frequency offset for MC-CDMA system " , India.
5. Participated in a International level conference on "Phase noise compensation in OFDM system over fadign channels" , India.

6. Participated in a International level conference on "An improved carried frequency offset estimator for MC-CDMA systems" , India.
7. Participated in a International level conference on "Phase noise compensation in OFDM system over fadign channels" , India.
8. Participated in a International level conference on "An improved carried frequency offset estimator for MC-CDMA systems" , India.
9. Participated in a International level conference on "Layered OFDMA for wireless applications " , India.
10. Participated in a International level conference on "Fuzz logic weighted multicriteria of dynamic route lifetime for reliable multicast routing in Adhoc " , India.
11. Participated in a International level conference on "cooperative spectrum sensing for coginitve radio secenario defending against co operative attacks" , India.
12. Participated in a International level conference on "Co operative sensing scheduling for energy efficient cognitive radio network with heterogenous channel conditions" , India.
13. Participated in a International level conference on "carrier frequency offset estimation for MC-CDMA system" , India.
14. Participated in a International level conference on "Co operative sensing scheduling for energy efficient cognitive radio network " , India.
15. Participated in a International level conference on "Study of sloteed complementry split ring resonator on patch antennas for mutual coupling" , India.
16. Participated in a International level conference on "Algorithm for constructing minimum size WSN with energy efficient sensors" , India.
17. Participated in a International level conference on "Performance measure of traffic rate control in wireless relay network" , India.
18. Participated in a International level conference on "Improved AODV routing protocol for wireless sensor network and comparing with MANET" , India.
19. Participated in a International level conference on "Interfernce cancellation in MC-CDMA system for wireless networks" organized by P.S.G.Tech , coimbatore, India.
20. Participated in a International level conference on "signal processing of MC-CDMA systems in wireless communication " organized by NCETEC-2005 confrence proceedings , India.
21. Participated in a International level conference on "ETI wavelet transform based signal detection " organized by IETE, cochin centre, India.
22. Participated in a National level workshop on "Facutly Development programme on digital communication " organized by DECE-CEG-AU, India from 24-Nov-2008 to 30-Nov-2008.

23. Participated in a National level workshop on "Faculty Development programme on mobile communication " organized by DECE-CEG-AU, India from 02-Dec-2008 to 08-Dec-2008.
24. Participated in a National level workshop on "FDP on Transmission lines and waveguides" organized by centre for faculty development -AU, India from 24-May-2010 to 30-May-2010.
25. Participated in a National level workshop on "FDP on Transmission lines and waveguides" organized by centre for faculty development -AU, India from 24-May-2010 to 30-May-2010.
26. Participated in a National level workshop on "Workshop on SDR based wireless communication system design " organized by Benchmark, DECE,CEG,AU, India from 09-Oct-2010.
27. Participated in a National level workshop on "Database management systems under the national mission on Education through ICT." organized by IIT,Bombay,Co-ordinated by AU, India from 13-Dec-2010 to 23-Dec-2010.
28. Participated in a National level workshop on "Recent trends in computer networks" organized by AICTE, AU sponsored , India from 18-Apr-2011 to 30-Apr-2011.
29. Participated in a National level workshop on "Recent trends in wireless sensor networks" organized by UGC-DRS-SAP scheme- DECE-CEG-AU, India from 28-Nov-2011 to 29-Nov-2011.
30. Participated in a National level workshop on "one day workshop on MEMS" organized by DECE-CEG-AU, India from 10-Jan-2013.
31. Participated in a National level workshop on "one day awareness programme on internal quality assurance" organized by IQAC-AU, India from 21-Mar-2013.
32. Participated in a National level workshop on "WBAN challenges and enabling technologies" organized by UGC-DRS-SAP scheme- DECE-CEG-AU, India from 22-Mar-2013 to 23-Mar-2013.
33. Participated in a National level workshop on "4G wireless techniques " organized by DECE-MIT-AU, India from 20-Feb-2014 to 21-Feb-2014.
34. Participated in a International level conference on "Design and analysis of power scheduling algorithm for cognitive radio secondary users." , India from 09-Apr-2014.
35. Participated in a National level workshop on "FDP on control systems" organized by MHRD-DECE-CEG-AU, India from 02-Dec-2014 to 12-Dec-2014.
36. Participated in a National level workshop on "Research techniques in next generation wireless technology's" organized by DECE-CEG-AU, India from 21-Aug-2015 to 22-Aug-2015.
37. Participated in a National level workshop on "change management and capacity building to improve quality of service" organized by IQAC-AU, India from 02-Feb-2016.
38. Participated in a National level workshop on "Adhoc and sensor Networks" organized by CEG, India from 28-Nov-2016 to 04-Dec-2016.

39. Participated in a National level workshop on "Field Programmable Analog Array" organized by CEG, India from 10-Mar-2017 to 11-Mar-2017.
40. Participated in a International level workshop on "Foundation program in ICT for education" organized by Ilt-Bombay, India from 08-Mar-2018 to 12-Apr-2018.

Special Representations

1. LM in ISTE from 18-Jul-2003 to 02-Nov-2018.