

Name of Teaching Staff : Prof.(Mrs.) Anuja A. Odhekar

Designation : Assistant Professor

Department : Electronics & Telecommunication Engineering

Date of Joining the Institution : 11.7.2008

Qualifications with Class / Grade : 1. M.E. (Electronics & Telecom. Engg.) from Jadavpur University, Kolkata, 1<sup>st</sup> Class, 81.60%, June, 2006.  
2. B.E. (Electronics) from University of Pune, 1<sup>st</sup> Class, 60%, May, 1998.

Total Experience in Years : **Teaching: 15 years**

1. Assistant Professor, D.J. Sanghvi College of Engineering from 11.7.2008 till date.
2. Lecturer, K.K.Wagh College of Engineering, Nashik from 28.1.2000 to 03.10.2006.

**Industry: 11 months**

PCB Designer, Fine Circuits from 1.12.1998 to 13.10.1999.

**Research :2 years**

Research Scientist in Sameer, Mumbai from 3.10.2006 to 10.7.2008.

Papers Presented in Conferences : **National:**

1. Paper titled 'Optimal design for enhancement of circularly polarized bandwidth for microstrip antenna' is selected for National Conference which was held from 9<sup>th</sup> – 11<sup>th</sup> December, 2008 organized by Dept. of Radio Science, Jodhpur.
2. Paper titled "Antenna Isolation Consideration and Techniques for Isolation Enhancement of FMCW Radar", National Asian Pacific Regional Conference on Information & Communication Techniques, NCICT – 2010 organised by SVKM, NMIMS University March 5-6, 2010.

**International:**

1. "Antenna Isolation Considerations for Continuous Wave Radar" in International Conference on Microwave and Optoelectronics 2007.
2. "System Performance Improvement Techniques for Continuous Wave Radar" in International Conference on Radio Science 2008.
3. Paper titled 'System Enhancement for FMCW Radar using isolation' is selected for International Conference for IEEE–Antenna Wave Propagation Microwave symposium which was held in December, 2008 at Bangalore.



4. Paper titled “Enhancement Techniques at Antenna Isolation for IMCW Radar” – IEEE Journal 4<sup>th</sup> Microwave & Radar Week & 18<sup>th</sup> International Conference on Microwave Radar and Wireless Communication, June 14 to 18, 2010.
5. Anuja A Odhekar, G Arunkumar, D R Poddar Mutual Coupling Reduction using Metamaterial Structure For Closely Spaced Microstrip Antennas. *IJCA Proceedings on International Conference on Communication Technology* “ICCT(4):9-11, October 2013.
6. Nilam T Kadam, Kiran Janwalkar, Anuja A Odhekar,” Isolation Enhancement using Thin Wire Metamaterial for Closely Spaced Microstrip Antenna”, Proceedings of International Symposium on Antennas and Propagation APSYM 2014 , ISBN: 978-93-80098-60-8
7. Kiran. S. Janwalkar, Nilam. T. Kadam, Anuja. A. Odhekar , “Optimization of Microstrip Patch Antenna using Metamaterial “,International Journal of Engineering Research & Technology (IJERT), ISSN: 2278-0181, Vol. 3 Issue 6, June – 2014
8. Anuja A Odhekar , Nilam T Kadam, Kiran Janwalkar ,” Performance Improvement of Two Closely Spaced Loop antennas and Microstrip Antennas by Shielding Effect of Planar Negative Permeability Metamaterial Structure “ ACC Rajagiri 2015 .
9. Anuja A Odhekar , Amit Deshmukh ,” Performance Improvement of Closely Coupled Loop Antenna by Shielding Effect of Planar Negative Permeability SRR and OCSRR and Thin Wire Metamaterial “International Conference on Advances in Electrical, Electronics, Information, Communication and Bio-Informatics (AEEICB16) , IEEE Digital Publication
10. Anuja A Odhekar , Amit Deshmukh, Microstrip Antenna Optimization using Split Ring and Complementary Split Ring resonator “, *ICICES 2016, IEEE Digital Publication*
11. Amit A. Deshmukh, Priyal Zaveri, Sanjay Deshmukh, Anuja Odhekar ,” Analysis of Circularly Polarized E-shaped Microstrip Antenna “, APSYM 2016
12. Amit A. Deshmukh, Anuja Odhekar<sup>1</sup>, Akshay Doshi, and Pritish Kamble ,“ Modified Circular Shape Microstrip Antenna for Circularly Polarized Response”, Proceedings of International conference on wireless communication , Lecture notes on Data Engineering and Communication Technologies by Springer.

PhD Guide ? Give field & University

: **Field:** --  
**University:** --

PhDs / Projects Guided : **PhDs :** --  
**Projects at Masters level:** 1) Antenna Isolation using Metamaterial  
2) Metamaterial based Compact Microstrip Antenna

Books Published / IPRs / Patents : 1. Fundamentals of microwave Engg. (MU)  
2. Advanced microwave Engg. (MU)  
3. Microwave & Radar Engg. (GTU)  
4. Microwave & Radar Engg. (MTU)

Professional Memberships : ISTE

Consultancy Activities : --

Awards : --

Grants fetched : Grant from the University of Mumbai of Rs 40,000/- for Under Graduate Project.

Interaction with Professional Institutions : --