

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: 17 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 Published : **JOURNAL**  
1. Amit A Deshmukh, Akshay doshi Anuja A Odhekar, “Gap-coupled Designs of Star shape Microstrip Antennas For Dual band and Wide band Circular Polarized Response”, International Journal of RF and Microwave Computer-Aided Engineering, Wiley ,DOI: [10.1002/mmce.21664](https://doi.org/10.1002/mmce.21664)  
2. Anuja A Odhekar, Amit A Deshmukh, “Variations of Slot cut and Stub loaded Square Microstrip Antenna for Circular Polarization”, Wireless Personal Communication , Springer Publications, DOI : 10.1007/s11277-019-06878-x  
WIRE-D-18-01409R0.

Papers Presented in Conferences : **National/International -12**  
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 organised 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.

- 3) Amit A. Deshmukh, Anuja A. Odhekar, Akhay Doshi, Pritesh Kamble, "Modified Circular shape microstrip antenna for circularly polarized response", Proceedings of International conference on Wireless Communication, Vol. 17, DOI .org/10.1007/978-981-10-8339-6\_23
- 4) Anuja A Odhekar, Poonam Kadam, Sanjay B Deshmukh Amit A Deshmukh, "Proximity Feed Broadband Circularly Polarized Circular Sectoral Microstrip Antenna", 978-1-5386-5257-2/18 ©2018 IEEE
- 5) Anuja A Odhekar, Poonam Kadam, Sanjay B Deshmukh Amit A Deshmukh, "Innovative Technique to realize Circular Polarization using Sinusoidal Perturbation for Square Microstrip Antenna", ICCCE-2019- International Conference on Communication and Cyber Physical Engineering -2019.
- 6) Anuja A Odhekar, Poonam Kadam, Sanjay B Deshmukh Amit A Deshmukh, "Novel design of Square Microstrip Antenna with Circular Slots for Circular Polarization", Indicon 2018 , IEEE Conference Proceedings.
- 7) Anuja A Odhekar . Amit A 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), 978-1-4673-9745-2 ©2016 IEEE
- 8) Amit A. Deshmukh, Priyal Zaveri, Sanjay Deshmukh, Anuja Odhekar , K. P. Ray, "Analysis of Circularly Polarized E-shaped Microstrip Antenna", 2016 International Symposium on Antennas and Propagation ,APSYM 2016, 978-1-5090-3890-9
- 9) "Antenna Isolation Considerations for Continuous Wave Radar" in International Conference on Microwave and Optoelectronics 2007.
- 10) "System Performance Improvement Techniques for Continuous Wave Radar" in International Conference on Radio Science 2008.
- 11) 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.

- 12) 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.

PhD Guide ? Give field & University	: <b><u>Field:</u></b>	--NA
	<b><u>University:</u></b>	--
PhDs / Projects Guided	: <b><u>PhDs :</u></b>	--NA
	<b><u>Projects at Masters level:</u></b>	--
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) 5. Microwave Engineering (MU)	
Professional Memberships	: ISTE	
Consultancy Activities	:	--
Awards	:	--
Grants fetched	:	--
Interaction with Professional Institutions	:	--