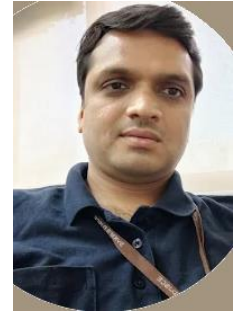


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Designation	: Assistant Professor
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Date of Joining the Institution	: 1.8.2011
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Qualifications with Class / Grade	: <ol style="list-style-type: none"> 1. Pursuing Ph.D. in Electronics & Telecommunication Engineering from University of Mumbai on Topic “Ultra-wideband Antennas for Band Notch Characteristics” 2. M.E. – Electronics & Telecommunication Engineering from University of Mumbai in April, 2009 , 1st class with Distinction 73.83%. 3. B.E. (Electronics & Telecomm. Engineering) from University of Mumbai in June 2003, 1st class 65.65%.
Total Experience in Years	: Teaching: 17 years <ol style="list-style-type: none"> 1. Assistant Professor, Dwarkadas J. Sanghvi College of Engineering from 1.8.2011 to till date. 2. Assistant Professor, Thakur College of Engineering & Technology from 1.6.2010 to 30.7.2011. 3. Lecturer, Thakur College of Engineering & Technology from 5.7.2004 to 31.5.2010. 4. Lecturer, Thadomal Sahani Engineering College, from 24.1.2004 to 30.4.2004.
Papers Published in Journal:	: International: 7 <ol style="list-style-type: none"> [1] Amit A. Deshmukh, K. P. Ray and Ameya Kadam, “Proximity feed Rectangular Microstrip Antennas”, International Journal of Microwave and Optical Technology, Vol. 7, No. 3, May 2012, pp. 192 – 200. [2] Kshitij Lele, Ameya A. Kadam and Amit A. Deshmukh, “ Reflectarray antennas”, International Journal of Computer Applications, Volume 108 – No. 3, December 2014, pp 21-28. [3] Amit A. Deshmukh, K. P. Ray and Ameya Kadam, “Linearly Polarized Microstrip Reflectarray with Microstrip Antenna Feed”, IETE Journal of Research. July-August 2013, Vol. 59 Issue 4, pp 294-30. [4] Amit A. Deshmukh, K. P. Ray and Ameya Kadam, “Analysis of slot cut Broadband and Dual band Rectangular Microstrip Antennas”, IETE Journal of Research. July-August 2013, Vol. 59 Issue 3, pp 193-200. [5] A. Kadam and A. A. Deshmukh, "Pentagonal Shaped UWB Antenna Loaded with Slot and EBG Structure for Dual Band Notched Response," <i>Progress In Electromagnetics Research M</i>, Vol. 95, 165-176, 2020. doi:10.2528/PIERM20042801

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Conferences

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- [7] A. Kadam and A. A. Deshmukh, "Triple Band Notched Y-shaped UWB Antenna Loaded with Modified Shape Resonator and Electromagnetic Band Gap Structures," *International Journal of Microwave and Optical Technology*, Vol. 16, No. 5, September 2021 pp. 513 – 520.

National: 8

- [1] Amit A. Deshmukh, K. P. Ray, S. Kadam, and A. Kadam , "Modal Analysis of Broad and Dual Band Slot cut Rectangular Microstrip Antennas", Proceedings of APSYM – 2010, Dec 2010, CUSAT, Kochi, India.
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- [5] Amit A. Deshmukh, A. Kadam et al, "Shorted Plate Slot cut Proximity fed Broadband Microstrip Antenna", Proceedings of NCC – 2011, 28 – 30 Jan 2011, IISc Bangalore, Bangalore, India.
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- [7] Amit A. Deshmukh, K. P. Ray, A. Kadam and Sudesh Agrawal, "Broadband offset CPW-Fed square slot antenna", Proceedings of APSYM – 2014, Dec 2014, CUSAT, Kochi, India.
- [8] Amit A. Deshmukh, K. P. Ray, A. Kadam and Kshitij Lele , "Linearly Polarised Stub Loaded Microstrip Reflectarray with Microstrip antenna feed ", Proceedings of APSYM – 2014, Dec 2014, CUSAT, Kochi, India.

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- [2] Ameya A. Kadam K. P. Ray, and S. Krishnan, "Microstrip Reflectarray with Micro strip Antenna Feed", Proceedings of International Radar Symposium India (IRSI), Dec 2009, Banglore, India.
- [3] Ameya A. Kadam and Archana Deshpande, "Design of triple band rectangular microstrip antenna using two elements", Proceedings of International Conference & Workshop on Emerging Trends (ICWET'11), Feb 11, TCET, Mumbai, India.
- [4] Amit A. Deshmukh, K. P. Ray, Sejal Kadam and Ameya Kadam, "Broadband Proximity fed Hexagonally arranged Rectangular Microstrip Antenna Array", Proceedings of ICMARS – 2011, 7 – 9th December 2011, Jodhpur, Rajasthan, India
- [5] Ameya A. Kadam, Sejal A. Kadam, "Design of a Microstrip-Fed Quad-Band Slot Antenna for WLAN/WiMAX Application", Proceedings of ICCT – 2013, 28 – 30 Jan 2011.
- [6] Amit A. Deshmukh, K. P. Ray, A. Kadam and Kshitij Lele , "Dual polarized stub loaded microstrip Reflectarray with microstrip antenna feed ", Proceedings of International Conference on Pervasive Computing (ICPC), Jan 2015, Pune, India.
- [7] Ameya Kadam and Sejal Kadam, "Circularly Polarized Metasurface Antenna Excited by Linearly Polarized CPW-fed Slot Antenna", Proceedings of ICCT-2015, DJSCOE, Mumbai.
- [8] Ameya Kadam and Sejal Kadam, "Circular Slot Loaded Miniaturized Triple-band Antenna for WLAN/WiMAX Applications", Proceedings of ICCT-2015, DJSCOE, Mumbai.
- [9] Ameya A Kadam and Amit A Deshmukh, "Broadband offset CPW-Fed printed monopole with plus shaped fractal slots", Proceedings of International Conference on Wireless Communication ICWiCOM 2017, DJSCOE, Mumbai.
- [10] A. A. Kadam, A. A. Deshmukh, et al., "Planar Inverted 60° Cone Antenna for UWB and Notch Characteristics Response," 2018 Fourth International Conference on Computing Communication Control and Automation (ICCUBEA), Pune, India, 2018, pp. 1-5. doi: 10.1109/ICCUBEA.2018.8697435 (IEEE Xplore)
- [11] Kadam A. A., Deshmukh A. A., et al. (2020) "Modal Analysis of Triple Frequency Band Notch Ultra-Wideband Monopole Antenna," In: Kumar A., Mozar S. (eds) ICCCE 2019. Lecture Notes in Electrical Engineering, vol 570. Springer, Singapore. doi: 10.1007/978-981-13-8715-9_11 (Scopus Indexed)

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Area of Specialization	Antennas and Microwave
Professional Memberships	: Life Member of Indian Society of Technical Education (ISTE) LM 43907

Awards/Recognition	<p>:</p> <ul style="list-style-type: none"> ➤ Recognized as NPTEL SUPER STAR JAN-DEC 2020 (one of the 51 candidates across INDIA) https://nptel.ac.in/nptelStars/nptelSuperStars.html ➤ Recognized as NPTEL DISCIPLINE STAR (Electrical Engineering) JAN-DEC 2020 https://nptel.ac.in/nptelStars/DisciplineStars.html ➤ Recognized as TOP PERFORMING MENTOR for NPTEL Course on Analog Circuits during Jan-Apr 2019 ➤ National Level Topper in “Millimeter Wave Technology” 8-Week NPTEL course Sep-Nov 2020 ➤ National Level Topper in “Antennas” 12-Week NPTEL course Jan-Apr 2020 ➤ National Level Topper in “Microwave Integrated Circuits” 8-Week NPTEL course Jan-Mar 2020 ➤ National Level Topper in “Microwave Engineering” 12-Week NPTEL course Jul-Oct 2019 ➤ National Level Topper in “Microwave Theory and Techniques” 12-Week NPTEL course Jul-Oct 2018 ➤ Elite Certification in “NBA Accreditation and Teaching - Learning in Engineering (NATE)” 12-Week NPTEL course Jan-Apr 2020 ➤ Elite Certification in “Effective Engineering Teaching In Practice” 4-Week NPTEL course Jan-Feb 2020 ➤ Best Paper Award for paper “Broadband Proximity fed Hexagonally arranged Rectangular Microstrip Antenna Array” at International Conference on Microwave and Remote Sensing (ICMARS-2011) ➤ Best Paper Award for paper “Planar Inverted 60° Cone Antenna for UWB and Notch Characteristics Response” at 2018 Fourth International Conference on Computing Communication Control and Automation (ICCUBEA).
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Subjects Taught	: <u>UG Level:</u> Basic Electrical Engineering Electrical Network Digital Communication Satellite Communication Advance Microwave Engineering Communication Circuits Electromagnetics and Wave Propagation <u>PG Level:</u> Advanced Satellite Communication Millimeter and Microwave Engineering Error Correcting Codes Advanced Digital Communication	
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Projects Guided	<p><u>UG Level:</u></p> <ul style="list-style-type: none"> ➤ Solar powered digital billboard along with water conservation Nikita Sangani, Divya Vijan, Yash Shah ➤ Microstrip antenna for WLAN/WiMAX application Krishna Sheth, Archita Pawar, Nehal Dhakan ➤ Analysis of Electromagnetic Band Gap Structures Aboli Moroney, Sanchit Jhunjhunwala Bhavika Kitawat ➤ Rovaner for home automation Dave Parth, Thik Pankaj Vinayak, Deshpande Vaibhav ➤ Wireless controlled wheelchair with obstacle detector Sheth Dhruvin, Sharma Antara, Udeshi Naman ➤ Implementation of Electronic notice board using PSoC BLE. Salunkhe Omkar, Mistry Bhumi, Salunkhe Mandar, Paralkar Radhika ➤ The Intelligent ambulance using 8051 Microcontroller Sakaria Ashitosh, Dwivedi Shradha, Revadekar Tanmay, Sawant Anagha ➤ Smart Air for smart cities Ghatak Ipsita, Gumber Tejaswin, Jain Charvi ➤ Automatic Speed Control of Vehicles Using RFID & Sensors Maurya Ravi, Rane Shashank, Rayani Deepak ➤ Indoor positioning system using Wi-Fi Fingerprinting Shah Siddharth, Shah Smit, Sanghvi Yash ➤ Analysis & implementation of Orthogonal Frequency division multiplexing (OFDM) Sheth Mansi, Shetty Mansi, Shetty Rashmi ➤ Waste Management using Internet of Thing Haria Rishabh, Parag Jain, Vardam Sonali, Salvi Apurva ➤ Image processing based Blind Assistance System (ALT – EYE) Pandey Shivam, Tripathi Amit, George Betsy ➤ Smart home with advance security features Desai Rumi, Dixit Akshaya, Jain Eashana, Mehta Vatsal ➤ Human Activity Rognition using Smartphone Dataset Maniyar Pooja, Makwana Ankit, Sheth Sryansh, Shinde Arun ➤ Housing affordability forecast using Machine Learning Varma Advait, Thakkar Chirag, Vithlani Mihir, Shah Mit ➤ Design and implementation of coupled line bandpass filter Abhishek Dubey, Parth Dattani, Gauriech Ishaan Pilla ➤ Design and implementation of Coupler and Power Divider Mariya Neemuchwala, Shreya Gupta, Subhangi Das ➤ Smart Agriculture Kushal Thakkar, Yash Satish Shah, Yash Shukla, Siddhant Panchal
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Recommended and admitted Students for Higher Education	<ul style="list-style-type: none"> ➤ Payal Mohadikar, University of Missouri-Columbia (For Ph.D.) ➤ Purva Chawan, Georgia Institute of Technology ➤ Akshay Sawant, Georgia Institute of Technology ➤ Siddharth Bhatt, Georgia Institute of Technology ➤ Hansal Shah, University of Southern California ➤ Mitul Saraiya, New York University ➤ Zarna Parekh, North Carolina State University ➤ Narendra Ravaria, The University of Texas at Dallas ➤ Rakesh Jondhale, Northeastern University ➤ Ishitva Ajmera, New York University ➤ Bhagya Parekh, Columbia University in the City of New York ➤ Abhishek Shetty, University of Colorado Boulder ➤ Mohit Hapani, Worcester Polytechnic Institute ➤ Radhika Paralkar, Carnegie Mellon University ➤ Shraddha Dwivedi, New York University ➤ Omkar Salunkhe, University of Maryland College Park ➤ Mandar Salunkhe, University of Maryland - A. James Clark School of Engineering ➤ Bhumi Mistry, Carnegie Mellon University's College of Engineering ➤ Antara Sharma, Rochester Institute of Technology ➤ Aagam Shah, University of Colorado Boulder ➤ Khusboo Korani, University of Southern California ➤ Harshit Desai, North Carolina State University ➤ Amber Koyani, University of Southern California ➤ Niharika Mehta, Columbia University in the City of New York ➤ Mansi Sheth, Columbia University in the City of New York ➤ Apurva Salvi, Northeastern University ➤ Suyash Ail, Purdue University ➤ Rijuta Patil, University of Illinois at Urbana-Champaign ➤ Viraj Savaliya, Ira A. Fulton Schools of Engineering at Arizona State University ➤ Ipsita Ghatak, University of Illinois at Chicago ➤ Parth Thakar, Carnegie Mellon University ➤ Urmil Joshi, Clemson University College of Engineering, Computing and Applied Sciences ➤ Parag Jain, Technische Universität Chemnitz ➤ Namrata Verma, The University of Texas at Dallas ➤ Wallace Dalmet, Carnegie Mellon University ➤ Advait Varma, Columbia Engineering ➤ Shreya Gupta, Purdue University ➤ Rumi Desai, New York University ➤ Siddhant Salvi, UC San Diego ➤ Divya Vijan, The University of Texas at Dallas ➤ Rashmi Shetty, S P Jain Institute of Management and Research
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Institute/Department Responsibility handled:	<ul style="list-style-type: none">➤ BE Project Coordinator➤ DJ Strike Project Coordinator➤ Project Lab In-charge➤ NAAC Criteria 1 Institute Level Coordinator➤ NBA Criterion 3 and 7 Department Level Coordinator➤ NBA Criteria 7 Institute Level Coordinator➤ Department Internship Coordinator➤ Admission Committee Member➤ Institute Avishkar Research Convention Coordinator 2020-21
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