Name of Teaching Staff	:	Dr. Ameya A. Kadam
Designation	:	Assistant Professor
Department	:	Electronics & Telecommunication Engineering
Date of Joining the Institution	:	1.8.2011
Contact No.	:	022-42335000 Ext: 1212
Google Scholar Link	:	https://scholar.google.co.in/citations?user=6bbNgGQAAAAAJ&hl=en
Researchgate Link	:	https://www.researchgate.net/profile/Ameya-Kadam-3
ORCID	:	https://orcid.org/0000-0003-4994-9973
Publons Researcher ID	:	https://publons.com/researcher/AAB-8295-2022
Qualifications with Class / Grade	:	1. Ph.D.- Electronics & Telecommunication Engineering from University of Mumbai in Scienec and Technology faculty 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** 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** [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

Papers Presented in Conferences	Loaded with Slot and EBG Structure for Dual Band Notched Response," *Progress In Electromagnetics Research M*, Vol. 95, 165-176, 2020. doi:10.2528/PIERM20042801

[6] A. Kadam and A. A. Deshmukh, "Compact Triple Band Notched Pentagonal Shaped UWB Antenna Loaded with Slots and Parasitic Resonator," *Journal of Microwaves, Optoelectron. Electromagn. Appl.*, vol. 20, no. 2, pp. 320–333, 2021. doi: 10.1590/2179-10742021v20i21157

[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.

[2] Amit A. Deshmukh, K. P. Ray, S. Kadam, and A. Kadam, "Broadband proximity fed Rectangular Microstrip Antenna Array", Proceedings of APSYM – 2010, Dec 2010, CUSAT, Kochi, India.

[3] Amit A. Deshmukh, K. P. Ray, S. Kadam, and A. Kadam, "Broadband Circular Microstrip Antennas", Proceedings of APSYM – 2010, Dec 2010, CUSAT, Kochi, India.

[4] Amit A. Deshmukh, K. P. Ray, S. Kadam, A. Kadam, "Broadband Proximity Fed Modified E-Shaped Microstrip Antenna", Proceedings of NCC – 2011, 28 – 30 Jan 2011, IISc Bangalore, Bangalore, India.

[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.

[6] Amit A. Deshmukh, K. P. Ray and Ameya Kadam, "Proximity fed Circular Microstrip Antennas", Proceedings of AEMC – 2011, 1 – 4 th Dec 2011, Kolkata, India.

[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.

International: **19**

[1] Ameya A. Kadam K. P. Ray, and S. Krishnan, "Microstrip Reflectarray with Micro strip Antenna Feed", Proceedings of International conference on communication, computers & Instrumentation, Jan 2008, VESIT, Mumbai.

[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 Hexagonaly 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)

[12] A. A. Kadam, A. A. Deshmukh, et al., "Slit Loaded Pentagon Shaped Ultra Wideband Antenna for Band Notch Characteristics," 2019 IEEE International Conference on Electrical, Computer and Communication Technologies (ICECCT), Coimbatore, India, 2019, pp. 1-6, doi: 10.1109/ICECCT.2019.8869294 (IEEE Xplore)

[13] A. A. Kadam, A. A. Deshmukh, et. al., "Slit Loaded Circular Ultra Wideband Antenna for Band Notch Characteristics," 2019 National Conference on Communications (NCC), Bangalore, India, 2019, pp. 1-6, doi: 10.1109/NCC.2019.8732202 (IEEE Xplore)

[14] Kadam A.A., Deshmukh A.A., et. al.(2020) Modal and Time-Domain Analysis of Symmetric E-Shaped Slots for UWB Antenna with Frequency Band Notch Response. In Proceedings of International Conference on Wireless Communication. Lecture Notes on Data Engineering and Communications Technologies, vol 36. Springer, Singapore. doi: 10.1007/978-981-15-1002-1_4 (Scopus Indexed)

[15] Kadam A.A., Deshmukh A.A., et al.(2020) Modal Analysis of Dual Band-Notched UWB Printed Antenna with U-Shaped and C-Shaped Slots. In Proceedings of International Conference on Wireless Communication. Lecture Notes on Data Engineering and Communications Technologies, vol 36. Springer, Singapore. doi: 10.1007/978-981-15-1002-1_2 (Scopus Indexed)

[16] A. A. Kadam, A. A. Deshmukh, et al., "Dual band-notched UWB antenna with L-Shaped slots and Triangular EBG structures," 2019 IEEE Indian Conference on Antennas and Propogation (InCAP), Ahmedabad, India, 2019, pp. 1-4. doi: 10.1109/InCAP47789.2019.9134452. (IEEE Xplore)

[17] A. A. Kadam, A. A. Deshmukh, et al., "Microstrip Fed Elliptical Slot UWB Antenna for Band Notch Response," 2019 IEEE Indian Conference on Antennas and Propogation (InCAP), Ahmedabad, India, 2019, pp. 1-4, doi: 10.1109/InCAP47789.2019.9134569. (IEEE Xplore)

[18] A. Kadam, A. A. Deshmukh, " Modal Analysis of Triple Band Notch Ultra-Wideband Antenna with three C-shaped slots," IEEE International Conference on Communication information and Computing Technology (ICCICT), Mumbai, India, 2021.

[19] A. A. Kadam, A. A. Deshmukh, " Modal Analysis of Penta Band Notched Elliptical Planar UWB Antenna," International Conference on Wireless Communication (ICWiCOM), Mumbai, India, 2021.

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

| Awards/Recognition | : | 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 "Advanced Microwave Guided-Structures and Analysis" 12-Week NPTEL course Aug-Nov 2021 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 Top 2% in 12-week NPTEL course on "Data Analytics with Python" course Jan-Apr 2022 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 Elite Certification in "Python for Data Science" 4-Week NPTEL course Jan-Feb 2022 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). |

| Subjects Taught | : | **UG Level:**
Basic Electrical Engineering
Electrical Network
Digital Communication
Satellite Communication
Advance Microwave Engineering
Communication Circuits
Electromagnetics and Wave Propagation

PG Level:
Advanced Satellite Communication
Millimeter and Microwave Engineering
Error Correcting Codes
Advanced Digital Communication | |

| Projects Guided | : | **<u>UG Level:</u>**
➢ 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 Rcognition 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
➢ Autonomous bot using ROS, Slam, Lidar implemented on a QR based smart parking system
   Aarushi Raichur, Urja Shah, Sakshi Jain |

Recommended and admitted Students for Higher Education	
	➢ 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 ➢ Aarushi Raichur, University of Melbourne

Institute/Department Responsibility handled:		- NAAC Criteria 1 Institute Level In-Charge - NBA Criterion 3 and 7 Department Level Coordinator - NBA Criteria 7 Institute Level Coordinator - BE Project Coordinator - DJ Strike Project Coordinator - Project Lab In-charge - Department Internship Coordinator - Admission Committee Member - Avishkar Research Convention- Institute Faculty Coordinator