Name of Teaching Staff Designation Department Date of Joining the Institution Email ID	: : : : :	Prof. Supriya Dicholkar Assistant Professor Electronics & Telecommunication Engineering 16.11.2023 Supriya.dicholkar@djsce.ac.in	
Google Scholar Link	:	Supriya Dicholkar - Google Scholar	
Researchgate Link:		Supriya DICHOLKAR | Professor (Assistant) | Dwarkadas J. Sanghvi College of Engineering, Mumbai | DJSCOE | Department of Electronics and Communications Engineering | Research profile (researchgate.net)	
ORCID		Supriya Dicholkar (0000-0002-9911-3560) - My ORCID	
Publons Researcher ID		supriya Dicholkar - Web of Science Core Collection	
Qualifications with Class / Grade	:	1. Pursuing Ph.D. in Electronics Engineering from Universityof Mumbai on Topic "Modelling Framework for detection of attack in IoT network" 2. M.E. in Electronics and Telecommunication Engineering from Universityof Mumbai in November 2016, 1st class with distinction (8.26 CGPA). 3. PGDBM(Distance) in Operations from Welingkar Institute of Management Studies, University of Mumbai, 1st class with distinction (73%). 4. B.E. (Electronics & Comm. Engineering) from University of Mumbai, in Aug 2007, 1st class with Distinction 74.69%.	
Total Experience in Years	:	**Teaching**: **8.5 years** 1. Assistant Professor in D.J. Sanghvi College of Engineering from 16.11.2023. 2. Assistant Professor in ACE Mumbai from July 2017 to November 2023. 3. Lecturer in Thakur Polytechnic, Mumbai from June 2016 to April 2017. 4. Teaching Assistant in TCET, Mumbai from July 2015 to June 2016. **Industry**: **4.5 years** 1. Network Planning Engineer (Microwave Department) in Reliance Communication from February 2009 to August 2012. 2. Trainee Executive in Birla Ericsson Optical Limited from March 2008 to February 2009.	

Papers Published in Journal:	:	**<u>International</u>: 3** [1] Dicholkar, S. and Nirmal, J., 2023. Comparative Analysis of Resampling Techniques On Imbalanced CIE-CICIDS2018 DATASET For DoS Attack Detection". *Journal of Data Acquisition and Processing*, *38*(3), p.2249. [2] Sekhar, Deepthi, Supriya Dicholkar, Payal Mohadikar, and Payal Varangoankar. "Polarization Sensitive Metasurface for Holography." J. IOSR, vol.11: pp.17-21.2018. [3] Supriya Dicholkar, Payal Mohadikar , Deepthi Sekhar, Payal Varangoakar, Poonam Chaudhary,"Network Performance Improvement in AODV with Improved wighted Clustering" vol.11 pp. 27-30,2018.
Papers Presented in Conferences		**<u>International</u>: 3** [1] S. V. Dicholkar and D. Sekhar, "Review-IoT Security Research Opportunities," *2020 International Conference on Convergence to Digital World - Quo Vadis (ICCDW)*, Mumbai, India, 2020, pp. 1-4, doi: 10.1109/ICCDW45521.2020.9318641.. [2] S. V. Dicholkar and V. J. Dongre, "Cost Effective Adaptive Modulation for Microwave Link Availability Improvement in Plain, Hilly Terrain, Water Bodies," *2018 Fourth International Conference on Computing Communication Control and Automation (ICCUBEA)*, Pune, India, 2018, pp. 1-3, doi: 10.1109/ICCUBEA.2018.8697467. [3] S. V. Dicholkar and V. J. Dongre, "Effect of different diversity techniques on microwave link availability," *International Conference & Workshop on Electronics & Telecommunication Engineering (ICWET 2016)*, Mumbai, 2016, pp. 201-206, doi: 10.1049/cp.2016.1147.
Area of Specialization		IoT, Machine Learning, Digital Communication
Professional Memberships	:	Life Member of Indian Society of Technical Education (ISTE) - **LM 124249**
Interaction with Professional Institutions: Guest Lectures:		Expert session on "IoT Attack Mitigation with Machine Learning" in Online FDP "Recent Trends in IoT & Wireless Sensor Network" organized by Thakur Polytechnic
Awards		1.Got mentor certificate for guiding finalist group in SIH senior software edition in SIH,2022 2. Completed NPTEL Wireless Ad-Hoc and sensor networks course with Elite grade. 3. Completed NPTEL Introduction to Internet of Things course with Elite grade
Interaction with Professional Institutions		**Reviewer**- IEEE International Conference on Communication, Information and Computing Technology,2021 organized by SPIT, Mumbai.
Subjects Taught		**<u>UG Level:</u>** 1. Digital Communication 2. Internet Communication Engineering 3. Computer Communication Network 4. Microcontroller & it's Application 5. Integrated Circuits 6. Mobile Communication 7. Artificial Neural Network & Fuzzy Logic
Projects Guided	:	**<u>UG Level:</u>** 1. JEEVAN- Personal Health Assistant 2. Remote Controlled Lawnmover 3. Drone Delivery System 4. "HONEY-PI: A Honeypot Installed on Raspberry-Pi" 5. Electronic Voting Machine using Arduino and Blockchain 6. Mobile Remote Surveillance Tower 7. Smart Air monitoring system using IoT 8. Hand Gesture Vocalizer 9. Emo-Music (Emotion based music player)

		10. Voice controlled Braille embosser
Recommended Students for Higher Education		1. Laukik Patil – German University 2. Nairuti Sanghvi – Lambton University 3. Jonas Robin – UCD,Dublin 4. Yash Tulsani- Illinois Chicago University
Institute/Department Responsibility handled:		➢ Admission Committee Member ➢ Department TNP Coordinator ➢ NAAC criteris-1 department coordinator ➢ Department NBA coordinator ➢ Department TNP coordinator ➢ Departmental Advisory Board Coordinator ➢ MOOCS NPTEL Coordinator ➢ Core committee member of international conference "ICCDW-QuoWadis2019, ICSTEMSD 2023 held at Atharva College of Engieering
Pedagogy Development		Video Lectures on RF Filter design and Antenna Arrays ➢ Classwork for TEEXTC1_DCOM_20-21 (google.com)