Name of Teaching Staff Designation Department Date of Joining the Institution Email ID Office Contact	: : : : : :	Prof. Venkata A P Chavali Assistant Professor Electronics & Telecommunication Engineering 3.7.2012 venkata.chavali@djsce.ac.in 022-42331212	
Google Scholar Link	:	https://scholar.google.com/citations?user=Bq45uXEAAAAJ&hl=en	
Researchgate Link:		https://www.researchgate.net/profile/Venkata-Chavali-2	
ORCID		https://orcid.org/0000-0002-2828-8400	
Publons Researcher ID		https://publons.com/researcher/AAB-4995-2022/	
Qualifications with Class / Grade	:	1. Pursuing Ph.D. in Electronics & Telecommunication Engineering from University of Mumbai on Topic "Analysis and Design of Broadband Microstrip Antennas" 2. M.E. – Digital Communication from RGPV, Bhopal in September 2010, 1st class with 72%. 3. B.E. (Electronics & Comm. Engineering) from SRKR Engineering College, Andhra University, in June 2004, 1st class 73.4%.	
Total Experience in Years	:	**Teaching**: **13 years** 1. Assistant Professor D.J. Sanghvi College of Engineering from 3.7.2012. 2. Lecturer in ACE Mumbai from July 2009 to February 2011. 3. Lecturer in ACE Mumbai from September 2006 to May 2007 4. Lecturer in MIT Ujjain from September 2005 to April 2006. 5. Lecturer in GMRIT AP from July 2004 to July 2005.	
Papers Published in Journal:	:	**International**: **8** [1] Venkata A. P. Chavali and Amit A. Deshmukh, "Wideband Designs of Regular Shape Microstrip Antennas Using Modified Ground Plane," Progress In Electromagnetics Research C, Vol. 117, 203-219, 2021.doi:10.2528/PIERC21110202 [2] Venkata A. P. Chavali and Amit A. Deshmukh, "Multi-Resonator Variations of Circular Microstrip Antenna with Narrow Annular Sectoral Patches for Wideband Response," Progress In Electromagnetics Research C, Vol. 114, 143-158, 2021. [3] Venkata A P Chavali, Amit A Deshmukh, "Modified Designs Of U-slot Cut Microstrip Antennas For Wider Bandwidth", accepted for publication in IETE Journal of Research, Taylor & Francis Production, doi: 10.1080/03772063.2021.1914203, Scopus Indexed [4] Venkata AP Chavali, Amit A Deshmukh, "Wideband Pentagonal Shape Microstrip Antenna Using a Pair of Rectangular Slots", Progress in Electromagnetics Research C, The EM Academy, USA, Vol. 107, pp. 113 - 126, 2021. Scopus Indexed [5] Venkata A P Chavali, Amit A Deshmukh, "Modified Variations of E-shape Microstrip Antennas for Wideband Response", International Journal Of	

Papers Presented in Conferences		Microwave And Optical Technology, University of Nevada, Vol. 15, No. 6, pp. 597 - 607, November 2020. Scopus Indexed [6] Venkata A P Chavali, Deshmukh A. A., "Half U-Slot and Rectangular Slot Loaded Nearly Square Microstrip Antennas for Wideband Response," Progress In Electromagnetics Research, The EM Academy, USA, Vol. 104, pp. 129 - 141, 2020. Scopus Indexed [7] Venkata A P Chavali, Deshmukh A. A., "Multi-Resonator Stacked Variations of Sectoral Microstrip Antennas for Wideband Response," International Journal Of Microwave And Optical Technology, University of Nevada, Vol. 15, No. 4, pp. 379 -388, July 2020. Scopus Indexed [8] Venkata A P Chavali, Deshmukh A. A., "Variations of Summation Slot Loaded Isosceles Triangular Microstrip Antenna for Wideband Response," Communicated to International Journal of Microwave And Optical Technology, University of Nevada, Scopus Indexed. **<u>International</u>: 21** [1] Venkata A P Chavali, Amit A Deshmukh, et. al, "Rectangular Slot cut Sectoral Microstrip Antenna for Broadband Response", International Conference on Wireless Communication (ICWiCoM-2021), October 8 – 9, 2021. [2] Venkata A P Chavali, Amit A Deshmukh, et. al, "Analysis of Broadband Circularly Polarized Half – E Shape Microstrip Antenna", International Conference on Wireless Communication (ICWiCoM-2021), October 8 – 9, 2021. [3] Venkata A P Chavali, Amit A Deshmukh, et. al, "Analysis of Staggered Microstrip Antenna for Wideband Response", communicated to 2021 International Conference on Communication Information and Computing Technology (ICCICT-2021), June 25 -27, 2021. [4] Venkata A P Chavali, Amit A Deshmukh, et. al, "Analysis of Star Shape Microstrip Antenna with Multiple Shorting Posts for Wideband Response", In 2020 IEEE Pune Section International Conference (PuneCon-2020), pp. 163 - 168, December 2020. Scopus Indexed [5] Venkata A P Chavali, Amit A Deshmukh, et. al, "Wideband designs of offset U-slot and dual U-slot cut rectangular microstrip antenna", 4th IEEE Biennial International Conference on Nascent Technologies in Engineering (ICNT 2021), January 15 -16, 2021. Scopus Indexed [6] Venkata A P Chavali, Amit A Deshmukh, et al, "Modified Rectangular Microstrip Antenna for Wideband Response with Conical Radiation Pattern", 3rd IEEE International Conference on Communication System, Computing and IT Applications (CSCITA), pp. 88 -93, April 2020, Scopus Indexed [7] Venkata A P Chavali, Amit A Deshmukh, et. al., "Analysis of Wang-Shaped Broadband Microstrip Antenna", Proceedings of the 3rd International Conference on Advances in Science & Technology (ICAST), 2020, http://dx.doi.org/10.2139/ssrn.3567241, Scopus Indexed [8] Venkata A P Chavali, Amit A Deshmukh, et. al., "Analysis of Wideband Multiple Rectangular Slots Loaded Rectangular Microstrip Antenna," IEEE International Conference on Advances in Computing, Communication and Control (ICAC3 2019), pp. 1 - 6, December 2019, Scopus Indexed [9] Venkata A P Chavali, Amit A Deshmukh, et. al., "Circular Microstrip Antenna with Parasitic Annular Sectors for Broadband Response," 9th IEEE International Conference on Advances in Computing and Communication (ICACC 2019), pp. 224 - 229, 2019, Scopus Indexed [10] Venkata A P Chavali, Amit A Deshmukh et al, "Analysis of Butterfly Shaped Compact Microstrip Antenna for Wideband Applications", In Proceedings of

		International Conference on Wireless Communication, pp. 57 - 63. Springer, Singapore, 2020, Scopus Indexed [11] Venkata A P Chavali, Amit A Deshmukh et al, "Analysis of 2700 Sectoral Microstrip Antenna with Shorting Post and Open Circuit Stubs for Wideband Response", In Proceedings of International Conference on Wireless Communication, pp. 185 - 192. Springer, Singapore, 2020, Scopus Indexed [12] Venkata A P Chavali, Amit A Deshmukh et al, "Diagonally Fed Square Microstrip Antenna for Wideband Dual polarized Response", 2nd International Conference on Advances in Science & Technology (ICAST) 2019 Available at SSRN: https://ssrn.com/abstract=3366762 or http://dx.doi.org/10.2139/ssrn.3366762. [13] Venkata A P Chavali, Amit A Deshmukh et al, "Analysis and Design of Broadband MSA with Hybrid Coupled and Parasitic Patches", IEEE International Conference on Electrical computer, and Communication Technologies (ICECCT 2019), pp.1 - 6, 2019, Scopus Indexed [14] Venkata A P Chavali, Amit A Deshmukh et al., "Analysis of Microstrip Patch Antenna with Multiple Parasitic Patches and Shorting Vias for Bandwidth Enhancement", 3rd International Conference on Optical & Wireless Technologies (OWT 2019), pp. 199 - 205, Springer, Singapore, 2019, Scopus Indexed [15] Venkata A P Chavali, Amit A Deshmukh et al., "Compact Stub Loaded Modified Plus Shape Microstrip Antenna For Broadband Response", Proceedings of the 2nd International Conference on Communications and Cyber Physical Engineering (ICCCE 2019), pp. 111 - 117, SPRINGER, Singapore 2019, Scopus Indexed [16] Venkata A P Chavali, Amit A Deshmukh et al., "Analysis and design of Gap-Coupled 90^0 Sectoral Microstrip Antenna",15th IEEE India Council International Conference (INDICON 2018), pp. 1 - 6, 2018, Scopus Indexed [17] Venkata A P Chavali, Amit A Deshmukh et al, "Wideband MSA with C-Shaped Parasitic Patches," in 4th IEEE International Conference on Computing Communication Control and Automation (ICCUBEA 2018) , pp. 1 - 5, Aug 2018, Scopus Indexed [18] Venkata A P Chavali, Amit A Deshmukh et al, "Modified U-slot cut rectangular patch antenna for wideband response," In 2017 IEEE Applied Electromagnetics Conference (AEMC 2017), pp. 1 - 2, Dec 2017, Scopus Indexed [19] Venkata A P Chavali, Amit A Deshmukh, "Artificial Neural Network model for Suspended Equilateral Triangular Microstrip Antennas,", In ICCICT-2015, organized by SPIT in January 2015. [20] Venkata A P Chavali, Amit A Deshmukh, "Artificial Neural Network model for Suspended Rectangular Microstrip Antennas,", In ICAC3-2015, organized by FRCRCE, Vashi in April 2015. [21] Venkata A P Chavali, Amit A Deshmukh, "Artificial Neural Network model for Suspended shorted 90^0 Sectoral Microstrip Antennas,", In ICCT-2015, organized by DJSCE, Vashi in September 2015.
Area of Specialization		Antennas and Microwave, Digital Communication
Professional Memberships	:	Life Member of Indian Society of Technical Education (ISTE) - **LM 124306**
Awards		**Best paper Award, CSCITA-2020,** IEEE international conference organized by SFIT, Mumbai for paper titled, "Modified Rectangular Microstrip Antenna for Wideband Response with Conical Radiation Pattern"

Interaction with Professional Institutions		**Reviewer**- International Journal of RF and Microwave Computer-Aided Engineering
Subjects Taught		**UG Level:** 1. Random Signal Analysis 2. Electromagnetic Wave Propagation 3. Principles of Communication 4. Digital Communication 5. Satellite Communication 5. Antenna and Wave Propagation 6. Radio Frequency Circuit Design 7.Computer Architecture and Organization 8. Linear Integrated Circuits
Projects Guided	:	**UG Level:** 1. Artificial Neural Network Modeling of Broadband E Shape Microstrip Antenna 2. Design of Equilateral Triangle Microstrip Antenna Array 3. Attendance Using Face detection and Raspberry Pi 4. RFID based Library Book Theft Detection and Prevention System 5. Algorithm to convert 2D image into 3D 6. Wireless hand gesture decoder 7. Music using Machine Learning 8. Portable thermal Pocket Printer with GPS and Bluetooth Interfacing 9. ATM smart Bill box using Image Processing with Customer Acknowledgement 10. 3-Dimensional Printer implemented via web server using concept of Internet of Things 11. Black box for cars using GPS & GSM and interfacing it with Google Maps 12. Switch control using sixth sense technology 13. Smart traffic light controller using MBED platform & IR sensors 14. Robust digital image watermarking and retrieving in frequency domain 15. A mobile GPRS sensor for Air pollution monitoring 16. Paper storage device (Implementation of rainbow technology)
Recommended Students for Higher Education		1. Palak Gosalia – Stony Brook University 2. Sanket Rathod – Binghamton University 3. Binal Shah – University of Texas, Dallas
Institute/Department Responsibility handled:		➢ Admission Committee Member ➢ Department Exam Coordinator ➢ NAAC criteris-3 department coordinator ➢ NBA criteria-5 Department coordinator ➢ Department Time table coordinator ➢ Member of organizing committee of international conference “ICWiCoM 2017, ICWiCoM 2019 and ICWiCoM 2021”
Pedagogy Development		Video Lectures on RF Filter design and Antenna Arrays ➢ https://www.youtube.com/watch?v=rT__EmcRN-k ➢ https://youtu.be/0rcQsC4HUfk ➢ https://youtu.be/TrOBiqbsRRk