

Name of Teaching Staff : Prof.(Mrs.) Venkata A. P. Chavali
Designation : Assistant Professor
Department : Electronics & Telecommunication Engineering
Date of Joining the Institution : 3.7.2012



Qualifications with Class / Grade : 1. M.E. (Digital Communication) from T.I.T. Bhopal in 2010 with 72%
2. B.E. (ECE) SRKR Engineering College from Andhra University in May 2004 with 73.4%

Total Experience in Years : **Teaching: 11 years**
1. Assistant Professor D.J.Sanghvi College of Engineering from 3.7.2012.
2. Lecturer in ACE Mumbai from July 2009 to 2012.
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

: **National:**

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International:

1. 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*, Vol. 15, No. 4, pp. 379-388, July 2020.
2. 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*, vol. 104, pp. 129-141, 2020.
3. Venkata A P Chavali, Deshmukh A. A., "Modified Variations of E-shape Microstrip Antennas for Wideband Response," *International Journal Of Microwave And Optical Technology*, Vol. 15, No. 6, pp. 599-609, November 2020.
4. Deshmukh, A.A., Kulkarni, S.D., Venkata, A.P.C. and Phatak, N.V., 2015. Artificial neural network model for suspended rectangular microstrip antennas. *Procedia Computer Science*, 49, pp.332-339.
5. Deshmukh, A.A., Kulkarni, S.D. and Venkata, A.P.C., 2015. Artificial neural network model for suspended shorted rectangular microstrip antennas. *International Journal of Computer Applications*, 975, p.8887.
6. Deshmukh, A.A., Kulkarni, S.D. and Venkata, A.P.C., 2016. Artificial neural network model for suspended shorted 90 sectoral microstrip antennas. *Extended Version of Proceedings of ICCT-2015, CAE J*, 74.

Papers Presented in
Conferences

: **National:**
International:

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1. Venkata A P C, Deshmukh A. A., 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, 2020.
2. Venkata A P C, Deshmukh A. A. et al, "Analysis of Wang-Shaped Broadband Microstrip Antenna," 3rd International Conference on Advances in Science & Technology (ICAST-2020), DOI: 10.2139/ssrn.3567241
3. Venkata A P C, Deshmukh A. A 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, 2019.
4. Venkata, A. P. C., Deshmukh, A. A. 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.
5. Venkata A P C, Deshmukh, A. A., "Analysis of Star Shape Microstrip Antenna with Multiple Shorting Posts for Wideband Response," 3rd IEEE Pune section international conference (PuneCon-2020).
6. Venkata A P C, Deshmukh, A. A. et al, "Wideband designs of offse U-slot and dual U-slot cut rectangular microstrip antenna," accepted for oral presentation at 4th IEEE Biennial International Conference on Nascent Technologies in Engineering (ICNT 2021).
7. Venkata A P C, Deshmukh A. A 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.
8. Venkata A P C, Deshmukh A. A 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.
 9. Venkata A P C, Deshmukh A. A et al, “Diagonally Fed Square Microstrip Antenna for Wideband Dualpolarized Response,” Available at SSRN 3366762.
 10. Venkata A P C, Deshmukh A. A 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.
 11. Venkata A P C, Deshmukh A. A 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.
 12. Venkata A P C, Deshmukh A. A 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.
 13. Venkata A P C, Deshmukh A. A et al., “Analysis and design of Gap- Coupled 900 Sectoral Microstrip Antenna,”15th IEEE India Council International

Conference (INDICON 2018), pp. 1-6, 2018.

14. Venkata A P C, Deshmukh A. A 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.

15. Venkata A P C, Deshmukh A. A 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.

16. Deshmukh, A.A., Venkata, A.P.C., Nagarbowdi, S. and Kulkarni, S.D., 2015, January. Artificial neural network model for suspended equilateral triangular microstrip antennas. In 2015 International Conference on Communication, Information & Computing Technology (ICCICT) (pp. 1-4). IEEE.

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