

	<b>Name</b>	<b>Dr.Mrs.Pallavi S. Deshpande</b>		
	<b>Designation</b>	<b>Associate Professor</b>		
	<b>Department</b>	<b>Electronics and Telecommunication</b>		
	<b>Qualification</b>	<b>PhD (Electronics Engineering)</b>		
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	<b>Experience</b>	Teaching :	20 years	Industry :

<b>Area Of Interest</b>	Signal Processing, Artificial Intelligence ,Data science, Microwave			
<b>Publications</b>	<b>International Journal (s):</b>	<b>23</b>	<b>National Journals (s) :</b>	<b>02</b>
	<b>International Conference (s):</b>	<b>01</b>	<b>National Conference:</b>	<b>02</b>
<b>Publication Details</b>	<p><b>INTERNATIONAL JOURNALS:</b></p> <p>[1] Panwar A. S, Deshpande P.S. “A Reliable and an Efficient Approach for Diagnosis of Brain Tumor Using Transfer Learning.” Biomedical Pharmacology Journal 2021;14(1). Available from: <a href="https://bit.ly/3q9LEXu">https://bit.ly/3q9LEXu</a></p> <p>[2] S.R.Jondhale,P.S.Deshpande Improved trilateration for indoor localization :Neural network and centroid based approach International journal of Distributed sensor network 2021,vol17(10).</p> <p>[3] Deshpande P.S.,Chitode J.S., ”Spectral correlative mapping approach for Transformation of Expressivity in Marathi Speech” volume 8 issue 1 February 2018,International Review on communication, antenna and propagation.(IRECAP),Press Worthy Prize Publication.</p> <p>[4] Deshpade P.S.,Chitode J.S., ”Emotion Classification Technique in Speech Signal for Marathi” IJARSE,6(11),2017,338-353.</p> <p>[5] Deshpade P.S.,Chitode J.S., ”Transformation coding for emotion speech translation: a review” IJEEER ,Vol 6,n.1,2016.</p> <p>[6] Deshpade P.S.,Chitode J.S., ”Novel feature coding using prosody generation for emotional speech synthesis,” IETE National Journal of innovation and research,Vol.3,n.1,pp.38-44,2015.</p> <p>[7] Rohit Deo, Pallavi Deshpande,” Neutral to Emotional Speech Conversion by PitchContour Modification for Marathi” International Journal of Engineering Research &amp; Technology (IJERT). Vol 3,Issue 5,pp 2228-2231.May 2014.</p> <p>[8] Rohit Deo, Pallavi Deshpande” Text-To-Speech Synthesis for Marathi and Prosody Conversion” International Journal of Enhanced Research in Science Technology &amp; Engineering pp: (348-352), Available online at: <a href="http://www.erpublications.com">www.erpublications.com</a> February-2014, ISSN: 2319-7463 Vol. 3 Issue 2.</p>			

	<p>[9] R. S. Deo and P. S. Deshpande, "Pitch contour modeling and modification for expressive Marathi speech synthesis," 2014 IEEE Conference on Advances in Computing, Communications and Informatics (ICACCI), New Delhi, 2014, pp. 2455-2458.</p> <p>[10] Gauri Deshpande, Pallavi Deshpande "HMM bases Distributed Speech Recognition" International Journal of Science and Research (IJSR) May 2015</p> <p>[11] Mr. S.S Padmawar, Prof. Mrs. P.S. Deshpande "Classification Of Speech Using MFCC And Power Spectrum" International Journal of Engineering Research and Applications (IJERA) Vol. 3, Issue 1, January -February 2013, pp. 1-4</p> <p>[12] Mr. S.S Padmawar, Prof. Mrs. P.S. Deshpande "Expressive speech classification" international Journal of Science, Engineering and Technology Research (IJSETR).Volume 1, Issue 6, pp 66-69.December 2012.</p> <p>[13] Dhananjay Upasani ,S.B.Shrote,P.S.Deshpande "standby leakage reduction in Nanoscale CMOS VLSI circuits ",International Journal Of Computer Application 7(5),1-4;September 2010 published by foundation of science.ISSN 0975-8887 VOL- 7 issue 5</p> <p>[14] DE Upasani, SB Shrote, PS Deshpande "Analysis of universal logic gates using carbon nano tube field effect transistor" International Journal of Computer Applications, 2010 Volume 7 ,pp 29-33</p>
<b>Books Published</b>	
<b>Professional Memberships</b>	<ol style="list-style-type: none"> <li>1. Life member ISTE</li> <li>2. Life Member IETE</li> </ol>
<b>Workshop/ Seminar/Conference attended</b>	<ol style="list-style-type: none"> <li>1] TEQIP III sponsored one week course in Machine Learning &amp; Its Applications in march 2021</li> <li>2]AICTE and ISTE Sponsored one week course in Mathematical Modelling in march 2021</li> <li>3]AICTE approved one week course in digital skill development for professionals" in february 2021.</li> <li>4] TEQIP III sponsored one week course Digital Image Processing and its Applications (DIPA-2020),August 2020.</li> <li>5] AICTE Sponsored One- Week Online Short Term Training Program on 'Advances in Biomedical Signal Processing with Hands-on', from 7<sup>th</sup> September to 12th September 2020,</li> </ol>

	<p>6] one-week TEQIP-III sponsored short-term course on “<i>Aspects of Modern Optimization Techniques in Science and Engineering (AMOTSE)</i>”, held during 17<sup>th</sup>- 21<sup>st</sup>-August-2020 jointly organized by National Institute of Technology, Arunachal Pradesh and Government College of Technology Coimbatore, Tamil Nadu.</p> <p>7] one week workshop on “Digital Image Processing and its Applications (DIPA-2020)” organized by Department of Computer Science &amp; Engineering, NIT Arunachal Pradesh from 24<sup>th</sup> August–28<sup>th</sup> August 2020 in online mode, sponsored by TEQIP III.</p> <p>8] “Faculty Awareness Programme on Outcome Based Education (OBE) and NBA Accreditation“organised by Sinhgad Institute of Technology and Science,Narhe,Pune on 10-5-2020.</p> <p>9] “Faculty Awareness Program on NAAC Accreditation” Organized by RD’s Shri Chhatrapati Shivajiraje College of Engineering, Dhangawadi, Pune-412206 conducted online during the period of 10/05/2020 to 15/05/2020.</p> <p>10] one-week TEQIP-III sponsored short-term course on “Recent Trends in Signal Processing and Communications-2020 ”, held during 10<sup>th</sup>- 14<sup>th</sup>-September-2020 organized by National Institute of Technology, Silchar.</p> <p>11] Short Term Training Program on ‘Emerging AI Techniques in Data Analytics’ held during September 12 - 16, 2020 under TEQIP III.at DIVISION OF INFORMATION TECHNOLOGY School of Engineering, Cochin University of Science and Technology, Kochi, Kerala</p> <p>12] AICTE Sponsored One- Week Online Short Term Training Program on ‘Advances in Biomedical Signal Processing with Hands-on’, from 7<sup>th</sup> September to 12<sup>th</sup> September 2020, organized by Maharshi Karve Stree Shikshan Samstha’s Cummins College of Engineering for Women ( An Autonomous Institute Affiliated to Savitribai Phule Pune University ), Karvenagar, Pune – 411052.</p>
<p><b>Achievements</b></p>	<p><b>PATENT(S):</b></p> <p><b>COPYRIGHT(S):</b></p> <p><b>AWARDS:</b></p>
<p><b>Extra Activities</b></p>	<ol style="list-style-type: none"> <li>1. Former BOS Chairman for subject “Digital signal Processing” under Savitri bai Phule Pune University</li> <li>2. Former BOS Chairman for ME(SP) subject “Statistical signal Processing” under Savitri bai Phule Pune University</li> <li>3. Former BOS Chairman for subject “Business Management” under Savitri bai Phule Pune University</li> <li>4. Former BOS Chairman for ME(SP) subject “Mixed signal processing and system design” under Savitri bai Phule Pune University</li> <li>5. Former BOS Chairman for ME(SP) subject “Speech signal processing” under Savitri bai Phule Pune University</li> <li>6. Former BOS Chairman for ME(SP) subject “Mixed signal processing and system design” under Savitri bai Phule Pune University</li> </ol>

	<ol style="list-style-type: none"><li>7. Former BOS Chairman for ME(E&amp;tc) subject “Fiber Optic Communication” under Savitri bai Phule Pune University</li><li>8. Former BOS Chairman for ME(E&amp;tc) subject “signal detection and estimation” under Savitri bai Phule Pune University</li><li>9. Former BOS Chairman for subject “system programming and operation systems” under Savitri bai Phule Pune University</li><li>10. Delivered 20+ guest lectures at various institutes .</li><li>11. Reviewer for the 4+ IEEE conferences</li><li>12. Reviewed a Springer Book Project On Title: "Handbook of Wireless Sensor Networks: Issues and Challenges in Current Scenario".Book proposal is approved from Springer, Germany.</li></ol>
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