

	Name	Mrs. Pooja Vikrant Deshmukh		
	Designation	Assistant professor		
	Department	E&TC engineering		
	Qualification	M.Tech (Digital Electronics & Communication), B.E. (E&TC)		
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	Experience	Teaching :	6.5 Years	Industry : 1.5 Years

Area of Interest	Image Processing and Communication			
Publications	International Journal (s):	06	National Journals (s) :	0
	International Conference (s):	03	National Conference:	01
Publication Details	<ul style="list-style-type: none"> <i>'Development of Posture Alert Device', International Journal of Innovative Science and Research Technology, 2020.</i> <i>'A Machine Learning Approach for Retail Store Sales Forecast System', International Research Journal of Engineering and Technology IRJET, 2020.</i> <i>'4 Channel Demultiplexer based on Photonic Crystal', International Journal of Industrial Electronics and Electrical Engineering, 2018.</i> <i>'Lifi', International Journal of Industrial Electronics and Electrical Engineering, 2018.</i> <i>'A photonic crystal sensor for analysis and detection of cancer cells', International Conference on Pervasive Computing (ICPC), IEEE, Pune, 2015.</i> <i>'Design And Modeling Of Photonic Sensor For Cancer Cell Detection' in International Conference on IMPact of E-Technology on US (IC-IMPETUS), IEEE, Bangalore, 2014.</i> <i>'Mapping of Aqua Constituents Using Photonic Crystal', in IEEE Region 10 Humanitarian Technology Conference 2013, Japan.</i> <i>'Design and analysis of blood components by using Optical Sensors' in International Journal of Current Research, 2013.</i> 			

	<ul style="list-style-type: none"> • <i>'A Sensor for Detection of Contaminants in Water', in a International Journal on Electronics and Communication Engineering 2013, Bangalore</i> • <i>'Design and Simulation of Photonic Crystal Based Liquid Sensor' in a National Conference VCS-2012, at Bangalore Institute of Technology, Bangalore.</i>
Books Published	Nil
Professional Memberships	Nil
WorkShop/ Seminar/Conference attended	<p>TEQIP Sponsored Online Short-Term Course on “Recent Advances in RF and Photonics”, from February 22-26, 2021organised by Department of Electronics and Electrical Engineering, IIT Guwahati.</p> <p>Two week Online FDP on “Prayog – Experiments on click” - Using Virtual Labs", from 18th May 2020 to 27th May 2020 organized by Department of Instrumentation Engineering, Vidyavardhini's College of Engineering and Technology, Vasai, (NC-17) in association with College of Engineering, Pune(COEP).</p> <p>Online FDP on “Advancements and research opportunities in Electronics and Telecommunication Engineering “ organized by department of E&TC, Bharati Vidyapeeth Deemed to be University, College of Engineering, Pune held in 4th August to 8th August 2020.</p> <p>IIC Online Sessions conducted by IIC MHRD's Innovation, IPR, Entrepreneurship, and Start-ups from 28th April to 22nd May 2020.</p> <p>MHRD's innovation cell-India First Leadership Talk Series- webinar on 9th May, 30th May, 6th June and 20th June, 2020.</p> <p>Webinar on 'INTELLECTUAL PROPERTY RIGHTS conducted by Bharati Vidyapeeth's College of Engineering for Women, Pune on 30th May,2020.</p> <p>Two days workshop on "Leadership Development Programme", organized by Bharati Vidyapeeth Deemed to be University, College of Engineering, Pune,2019.</p> <p>Faculty development Programme on Optical fiber communication , Organized by department of E&TC, Bharati Vidyapeeth Deemed to be University, College of Engineering, Pune from 4th to 8th November, 2019</p> <p>STTP through ICT mode on Assessment & Evaluation under outcome based education organized by NITTR, Kolkata, from 10th to 14th June, 2019.</p> <p>Faculty development Programme on Machine Learning Techniques using MATLAB, Organized by department of E&TC, Bharati Vidyapeeth Deemed to be University, College of Engineering, Pune from 14th May to 18th May, 2018</p> <p>The 8th National Power electronics conference 2017, at COEP, Pune from 18th to 20th</p>

	December, 2017.
Achievements	'Design and modeling of photonic sensor for Cancer cell detection' project award by VGST- Technology Related Innovative Projects, Government of Karnataka.
Extra Activities	Time Table Incharge , Lab Incharge of Signal Processing Lab, Member of institute level IET AMIE committee, Member of institute level IIC's IPR Cell, Department coordinator for Virtual Lab committee. Paper presentation committee member of “Bharatiyam”, , BVDUCOEP Club Executive Member at National Digital Library of India(NDLI).