


Pooja Vikrant Deshmukh

	<p>Name Pooja Vikrant Deshmukh Designation Assistant professor Department Electronics and Telecommunication Qualification M.Tech. (Digital Electronics & Communication) Contact No 7756091694 Ph. Extension E-mail Address pvdeshmukh@bvucoep.edu.in Experience Teaching 4 Years Industry 1.5 Years : : Years</p>
Area Of Interest	<ul style="list-style-type: none"> • Photonics
Publications	<p>International Journal (s): 02 National Journals (s) : -- International Conference (s): 03 National Conference: 01</p>
Publication Details	<ul style="list-style-type: none"> • Pooja Deshmukh, Preeta Sharan, Poonam Sharma, 'A Photonic Crystal Sensor For Analysis And Detection Of Cancer Cells', IEEE International Conference On Pervasive Computing, 2015 • '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 • 'Mapping of Aqua Constituents Using Photonic Crystal', in IEEE Region 10 Humanitarian Technology Conference 2013, Japan. • Design and analysis of Bio-analytes by using Optical Sensors'inInternational Journal of Current Research, 2013. • 'A Sensor for Detection of Contaminants in Water', in aInternational Journal on Electronics and Communication Engineering 2013, Bangalore • 'Design and modeling of photonic sensor for Cancer cell detection' projectaward by VGST- Technology Related Innovative Projects, Government of Karnataka. • 'Design and Simulation of Photonic Crystal Based Liquid Sensor' in a National Conference VCS-2012,

	at Bangalore Institute of Technology, Bangalore.
Books Published	
Professional Memberships	
WorkShop/Seminar/Conference attended	<ul style="list-style-type: none"> • 1. LEADERSHIP IN TEACHING FACULTY • 2. OPTISYSTEM & OPTISPICE • 3. RF DESIGN & SIMULATION TOOLS • GENESYS SOFTWARE & SIMULATION TOOLS
Achievements	
Extra Activities	Bharatiyam Photo Exhibition Committee, Virtual Labs Committee