

### Profile

<b>Faculty Name</b>	Shikha Singhal
<b>Designation</b>	Asst. Professor
<b>Qualification</b>	Ph.D*, M.Tech, B.Tech
<b>Email</b>	shikha.ece@piet.co.in
<b>Area of Interest</b>	Signal processing
<b>Work Experience (Total)</b>	
<ul style="list-style-type: none"> <li>• Teaching</li> </ul>	5 years
<ul style="list-style-type: none"> <li>• Research</li> </ul>	
<ul style="list-style-type: none"> <li>• Industry</li> </ul>	
<ul style="list-style-type: none"> <li>• Others</li> </ul>	
<b>Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level</b>	Basics of electronics & engineering, CCN, BAC, DDC, Satellite communication, Digital electronics, WMC
<b>Membership of Professional Bodies</b>	
<b>Research Publications</b>	
<ul style="list-style-type: none"> <li>• Research Papers UGC-CARE</li> </ul>	
<ul style="list-style-type: none"> <li>• Research Papers SCOPUS</li> </ul>	
<ul style="list-style-type: none"> <li>• Research Papers WoS/SCI/ABDC</li> </ul>	
<ul style="list-style-type: none"> <li>• List of Publications</li> </ul>	
<b>Book and Chapter Publications</b>	
<ul style="list-style-type: none"> <li>• Books Authored published by International Publishers</li> </ul>	
<ul style="list-style-type: none"> <li>• Books Authored published by National Publishers</li> </ul>	
<ul style="list-style-type: none"> <li>• Publication of Chapter in Edited Books</li> </ul>	
<ul style="list-style-type: none"> <li>• Editor of Book by International Publishers</li> </ul>	
<ul style="list-style-type: none"> <li>• Editor of Book by National Publishers</li> </ul>	
<ul style="list-style-type: none"> <li>• Translation Work of Book</li> </ul>	
<ul style="list-style-type: none"> <li>• List of Book and Chapter Publications</li> </ul>	
<b>Patents</b>	
<ul style="list-style-type: none"> <li>• Published</li> </ul>	
<ul style="list-style-type: none"> <li>• List of published patent(s)</li> </ul>	
<ul style="list-style-type: none"> <li>• Filed</li> </ul>	

<ul style="list-style-type: none"> <li>List of filed patent(s)</li> </ul>	
<b>PhD Guidance</b>	
<ul style="list-style-type: none"> <li>Degree Awarded</li> </ul>	
<ul style="list-style-type: none"> <li>Thesis Submitted</li> </ul>	
<b>M.Tech. Guidance</b>	
<ul style="list-style-type: none"> <li>Degree Awarded</li> </ul>	YES
<ul style="list-style-type: none"> <li>Thesis Submitted</li> </ul>	
<b>Research Project</b>	
<ul style="list-style-type: none"> <li>List of Research project</li> </ul>	
<b>Consultancy</b>	
<ul style="list-style-type: none"> <li>List of Consultancy</li> </ul>	
<b>Awards &amp; Honours</b>	
<ul style="list-style-type: none"> <li>List of Awards &amp; Honours</li> </ul>	
<b>Invited lectures / Resource Person/ paper presentation in Seminars/ Conferences/full paper in Conference</b>	
<ul style="list-style-type: none"> <li>International (Abroad)</li> </ul>	
<ul style="list-style-type: none"> <li>International (Within Country)</li> </ul>	
<ul style="list-style-type: none"> <li>National</li> </ul>	
<ul style="list-style-type: none"> <li>List of published papers</li> </ul>	
<b>Organizing National Conference/ International Conference/ FDP/STTP</b>	
<ul style="list-style-type: none"> <li>List of Conference/FDP/STTP committee</li> </ul>	
<b>Social Contributions and Sports</b>	
<ul style="list-style-type: none"> <li>List of Social Contributions and Sports</li> </ul>	