

### Faculty Profile

<b>Faculty Name</b>	<b>Ms. Lavi Tyagi</b>
<b>Designation</b>	<b>Assistant Professor</b>
<b>Qualification</b>	<b>NET, M.Tech, B.Tech</b>
<b>Email</b>	<b>lavi.cse@piet.co.in</b>
<b>Area of Interest</b>	Image Processing, Machine Learning
<b>Work Experience (Total)</b>	
<ul style="list-style-type: none"> <li>Teaching</li> </ul>	<b>3.9 Years</b>
<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>	Programming For Problem Solving, Theory of Formal Languages and Automata, Machine Learning, Compiler Design
<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>	<ol style="list-style-type: none"> <li>Hybrid K-mean and Refinement based on Ant for Color Image Clustering</li> <li>Efficient Dehazing Technique for Hazy Images using Dark Channel Prior and WAF</li> <li>Hybrid Dehazing Technique using IDCP with Histogram Equalization for Color Image</li> <li>Review of Image Haze Removal Techniques at a Glance</li> <li>A Review: Clustering Algorithms</li> </ol>

	<b>6. HANDWRITTEN SIGNATURE VERIFICATION SYSTEM USING GEOMETRIC FEATURES</b>
<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>	
<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>	