

### Faculty Profile

<b>Faculty Name</b>	Sachin Dhawan
<b>Designation</b>	Assistant Professor
<b>Qualification</b>	Ph.D*, M.Tech, B.Tech
<b>Email</b>	ersachind.ece@piet.co.in
<b>Area of Interest</b>	Image Processing, Artificial Intelligence, IoT, Machine Learning, Deep Learning
<b>Work Experience (Total)</b>	
• Teaching	11 Years
• Research	
• Industry	
• Others	
<b>Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level</b>	<p><b>BTECH:</b></p> <p>Digital Electronics, Digital Data Communications, Digital Signal Processing, Satellite Communication, Microwave Engineering, Information Theory and coding, Optical Communication, Transducers and Their Applications, Electronics Instrumentation &amp; Measurement, Microprocessor and its Interfacing, Optic and Waves, Basics of Communication</p> <p><b>MTECH:</b></p> <p>Advance Digital Signal Processing, Advance Image Processing, Advance Information Theory and coding</p>
<b>Membership of Professional Bodies</b>	AIE, IAENG
<b>Research Publications</b>	
• Research Papers UGC-CARE	02
• Research Papers SCOPUS	05
• Research Papers WoS/SCI/ABDC	02
• List of Publications	20
<b>Book and Chapter Publications</b>	
• Books Authored published by International Publishers	
• Books Authored published by National Publishers	
• Publication of Chapter in Edited Books	07
• Editor of Book by International	01

Publishers	
• Editor of Book by National Publishers	
• Translation Work of Book	
• List of Book and Chapter Publications	08
<b>Patents</b>	
• Published	01
• List of published patent(s)	
• Filed	
• List of filed patent(s)	01
<b>PhD Guidance</b>	
• Degree Awarded	
• Thesis Submitted	
<b>M.Tech. Guidance</b>	
• Degree Awarded	05
• Thesis Submitted	
<b>Research Project</b>	
• List of Research project	
<b>Consultancy</b>	
• List of Consultancy	
<b>Awards &amp; Honours</b>	
• List of Awards & Honours	
<b>Invited lectures / Resource Person/ paper presentation in Seminars/ Conferences/full paper in Conference</b>	05
• International (Abroad)	
• International (Within Country)	05
• National	
• List of published papers	
<b>Organizing National Conference/ International Conference/ FDP/STTP</b>	International Conference-01 FDP-01
• List of Conference/FDP/STTP committee	01
<b>Social Contributions and Sports</b>	
• List of Social Contributions and Sports	

