

### Faculty Profile

<b>Faculty Name</b>	Er. Vikas Goyal
<b>Designation</b>	Assistant Professor
<b>Qualification</b>	Ph.D*, M.Tech, B.Tech
<b>Email</b>	vikas.goyal.ece@piet.co.in
<b>Area of Interest</b>	IoT
<b>Work Experience (Total)</b>	10
<ul style="list-style-type: none"> <li>• Teaching</li> </ul>	10
<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>	Analog Electronics, Digital Electronics, Microprocessors and Its Interfacing, Microcontrollers, Digital signal Processing, Multimedia, Network Theory
<b>Membership of Professional Bodies</b>	
<b>Research Publications</b>	
<ul style="list-style-type: none"> <li>• Research Papers UGC-CARE</li> </ul>	5
<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>	<ul style="list-style-type: none"> <li>• Vikas Goyal, Ajit Kumar : A novel method for MPPT in PV system under partial shading conditions using Fuzzy Logic and PID Controller published in IJARIT Vol 4 Issue 5, Sept 2018.</li> <li>• Er. Vikas Goyal, Er. Isha: “A literature review of Image Forgery Detection” Published in IJRASET Volume 4 Issue IX, Sept 2016</li> <li>• Vikas Goyal, Vishal Jain, Shubham Tayal: “Performance Analysis Of Radio-Over-Fiber System Against Second Order Intermodulation Distortion” Published in IJEETE Vol. 02, Issue 06, NOV-DEC, 2015</li> <li>• Vikas Goyal, Akshat Jain, Shekher singh Sengar: “Colluding Black Holes Detection in MANET” published in IJERT Volume 2 Issue 1, Jan 2013.</li> <li>• Vikas Goyal, Swati Bansal: “Comparative Study of Dynamic Load Balancing algorithms in context to Cloud Computing”</li> </ul>
<b>Book and Chapter Publications</b>	
<ul style="list-style-type: none"> <li>• Books Authored published by</li> </ul>	

International Publishers	
• Books Authored published by National Publishers	
• Publication of Chapter in Edited Books	
• Editor of Book by International Publishers	
• Editor of Book by National Publishers	
• Translation Work of Book	
• List of Book and Chapter Publications	
<b>Patents</b>	
• Published	
• List of published patent(s)	
• Filed	
• List of filed patent(s)	
<b>PhD Guidance</b>	
• Degree Awarded	
• Thesis Submitted	
<b>M.Tech. Guidance</b>	
• Degree Awarded	1
• 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>	
• International (Abroad)	
• International (Within Country)	
• National	
• List of published papers	
<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>• <b>List of Social Contributions and Sports</b></li></ul>	