

### Faculty Profile

<b>Faculty Name</b>	<b>Yashpal</b>
<b>Designation</b>	<b>Assistant Professor</b>
<b>Qualification</b>	Ph.D, M-Tech, B.Tech
<b>Email</b>	yashpal.mech@piet.co.in
<b>Area of Interest</b>	Composites, Ceramics, Tribology, Friction Stir Processing, Joining of metals and ceramics
<b>Work Experience (Total)</b>	
• Teaching	<b>Nil</b>
• Research	<b>Nil</b>
• Industry	<b>Nil</b>
• Others	<b>Nil</b>
<b>Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level</b>	<b>Nil</b>
<b>Membership of Professional Bodies</b>	<b>Nil</b>
<b>Research Publications</b>	
Research Papers UGC-CARE	<b>Nil</b>
Research Papers SCOPUS	<b>Nil</b>
Research Papers WoS/SCI/ABDC	<b>05</b>
List of Publications	<ol style="list-style-type: none"> <li>1 Yashpal Gupta, T. Venkateswaran, B. Venkata Manoj Kumar, ZrB<sub>2</sub>-SiC composites for sliding wear contacts: Influence of SiC content and counterbody, Ceramic International, 48, 2022, 14560-14567.</li> <li>2 Yashpal Gupta, T. Venkateswaran, B. Venkata Manoj Kumar, Influence of angle of incidence, temperature and SiC content on erosive wear behaviour of ZrB<sub>2</sub>-SiC composites, International Journal of Applied Ceramic Technology, 17, 2019, 459-467.</li> <li>3 Sandan Kumar Sharma, Yashpal Gupta, Ashish W. Selokar, B. Venkata Manoj Kumar, T. Venkateswaran, High-temperature erosion behaviour of spark</li> </ol>

	<p>plasma sintered <math>ZrB_2</math>-SiC composites, Ceramic International, 43, 2017, 8982-8988.</p> <p>4 Sandan Kumar Sharma, Kapil Chaudary, Yashpal Gupta, Mitjan Kalin, B. Venkata Manoj Kumar, Erosive wear behavior of spark plasma-sintered SiC-TaC composites, International Journal of Applied Ceramic Technology, 19, 2022, 1691-1701.</p> <p>5 Vipin Sharma, Yashpal Gupta, B. V. Manoj Kumar, Ujjwal Prakash, Friction Stir Processing Strategies for Uniform Distribution of Reinforcement in a Surface Composite, Materials and Manufacturing Processes, 31, 2016, 1384-1392.</p>
<b>Book and Chapter Publications</b>	
• Books Authored published by International Publishers	<b>Nil</b>
• Books Authored published by National Publishers	<b>Nil</b>
• Publication of Chapter in Edited Books	<b>Nil</b>
• Editor of Book by International Publishers	<b>Nil</b>
• Editor of Book by National Publishers	<b>Nil</b>
• Translation Work of Book	<b>Nil</b>
• List of Book and Chapter Publications	<b>Nil</b>
<b>Patents</b>	
• Published	<b>Nil</b>
• List of published patent(s)	<b>Nil</b>
• Filed	<b>Nil</b>
• List of filed patent(s)	<b>Nil</b>
<b>PhD Guidance</b>	
• Degree Awarded	<b>Nil</b>
• Thesis Submitted	<b>Nil</b>

<b>M.Tech. Guidance</b>	
• Degree Awarded	<b>Nil</b>
• Thesis Submitted	<b>Nil</b>
<b>Research Project</b>	
• List of Research project	<b>Nil</b>
<b>Consultancy</b>	
• List of Consultancy	<b>Nil</b>
<b>Awards &amp; Honours</b>	
• List of Awards & Honours	<b>Nil</b>
<b>Invited lectures / Resource Person/ paper presentation in Seminars/ Conferences/full paper in Conference</b>	
• International (Abroad)	<b>Nil</b>
• International (Within Country)	<b>04</b>
• National	<b>Nil</b>
• List of published papers	<ol style="list-style-type: none"> <li>1 Yashpal, Vipin Sharma, B.V. Manoj Kumar, Issues in Determining Size of Nano-crystalline Ceramic Particles by X-ray Diffraction, Materials Proceedings Today, 2, 2015, Pages 3534-3538.</li> <li>2 Vipin Sharma, Yogesh Singla, Yashpal Gupta, Jitendra Raghuwanshi, Post-processing of Metal Matrix Composites By Friction Stir Processing, AIP Conference Proceedings, 1953, 2018, 090062.</li> </ol>
<b>Organizing National Conference/ International Conference/ FDP/STTP</b>	
• List of Conference/FDP/STTP committee	<b>Nil</b>
<b>Social Contributions and Sports</b>	
• List of Social Contributions and Sports	<b>Nil</b>