


## Profile

1	<b>Name of the Faculty</b>	<b>Dr. PANKAJ R JADHAV</b>			
2	<b>Date of joining</b>	<b>11/08/2019</b>			
3	<b>Email id</b>	<b>pankaj@sharnbasvauniversity.edu.in</b>			
4	<b>Designation</b>	<b>Associate Professor</b>			
5	<b>Department</b>	<b>Mechanical Engineering</b>			
6	<b>Education Qualifications</b>	<b>BE, M.Tech, Ph.D</b>			
7	<b>Work Experience</b>	<b>Teaching</b>	<b>Research</b>	<b>Industry</b>	<b>Others</b>
		<b>12</b>	<b>00</b>	<b>Nil</b>	<b>Nil</b>
8	<b>Area of Specialization</b>	<b>Advanced Materials, Manufacturing Technology</b>			
9	<b>Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level</b>	<ol style="list-style-type: none"> <li>1. Advanced Material Technology</li> <li>2. Computer Aided Engineering Drawing</li> <li>3. Computer Integrated Manufacturing</li> <li>4. Advanced Foundry Technology</li> <li>5. Mechanics of Materials</li> <li>6. Elements of Mechanical Engineering</li> <li>7. Material Science &amp; Metallurgy</li> <li>8. Energy Engineering</li> <li>9. Theory of Machines</li> <li>10. Non Traditional Machining</li> <li>11. Manufacturing Process</li> <li>12. Additive Manufacturing</li> <li>13. Industrial Psychology &amp; Organizational Behavior</li> </ol>			
10	<b>No. of papers published in National/ International Journals/ Conferences</b>				
	<b>Journals</b>	<b>National</b>		<b>International</b>	
		<b>02</b>		<b>12</b>	
	<b>Conferences</b>	<b>National</b>		<b>International</b>	
<b>02</b>		<b>03</b>			
	<b>Research Guidance</b>				

	Master Degree	Completed	Ongoing
		02	--
	Ph.D.	Nil	04
11	Projects Carried out	01	01
12	Patents	Nil	Nil
		Nil	Nil
13	Technology Transfer	Nil	
14	<p style="text-align: center;">Publications in International/ National Journals</p> <ol style="list-style-type: none"> <li>1. <b>Pankaj R Jadhav</b>, B R Sridhar, Madeva Nagaral, Charan Raj K. A “Mechanical Behavior of B<sub>4</sub>C Particulates Reinforced A356 Alloy Composites” National Conference on Emerging Trends in Mechanical Engineering. <b>American Journal of Materials Science</b>, 2016, 6(4A): 51-55 DOI: 10.5923/c.materials.201601.10</li> <li>2. <b>Pankaj R Jadhav</b>, B R Sridhar , Madeva Nagaral , Jayasheel I Harti “Evaluation of Mechanical properties of B<sub>4</sub>C and graphite particulates reinforced A356 alloy hybrid composites”. International Conference on Recent Trends in Engineering and Material Sciences (ICEMS-2016). <b>Elsevier, Materials Today: Proceedings</b> 4 (2017) 9972–9976</li> <li>3. <b>Pankaj R Jadhav</b>, B R Sridhar , Madeva Nagaral , Vijay Kumar M, Jayasheel I Harti “A Comparative Study on Microstructure And Mechanical Properties of A356-B<sub>4</sub>C and A356-Graphite Composites” <b>International Journal of Mechanical and Production Engineering Research and Development</b>” ISSN (P): 2249-6890; ISSN (E): 2249-8001, Vol. 8, Issue 2, Apr 2018, 273-282</li> <li>4. <b>Pankaj R Jadhav</b>, B R Sridhar , Madeva Nagaral , Jayasheel I Harti, “Studies on Mechanical Behavior of A356 Alloy - 4 Wt. % Graphite And 8 Wt. % B<sub>4</sub>C Hybrid Composites”, <b>International organization of Scientific Research Journal of Engineering</b>, ISSN (e): 2250-3021, ISSN (p): 2278-8719 Vol. 08, Issue 6 (June. 2018),   V (IV)    PP 84-90</li> <li>5. <b>Pankaj R Jadhav</b>, B R Sridhar , Madeva Nagaral , Jayasheel I Harti, V. Auradi, “Dry Sliding Wear Behavior of B<sub>4</sub>C and Graphite Particulates Reinforced A356 Alloy Composites”, <b>International Journal of Engineering &amp; Technology</b>, 7 (2.23) 2018, pp. 446 – 449</li> <li>6. <b>Pankaj R Jadhav</b>, B R Sridhar, Madeva Nagaral, Jayasheel I Harti “Mechanical behavior and fractography of graphite and boron carbide particulates reinforced A356 alloy hybrid metal matrix composites”, <b>Advanced Composites and Hybrid Materials, Springer</b>, ISSN 2522-0128, pg. 114-119, 2020.</li> <li>7. <b>Pankaj R Jadhav</b>, Madeva Nagaral, Shivkumar Rachoti, Jayasheel I Harti “Impact of Boron Carbide and Graphite Dual Particulates Addition on Wear Behavior of A356 alloy Metal Matrix Composites”, <b>Journal of Metals, Materials and Minerals</b>, Dec -2020.</li> <li>8. Jayasheel I. Harti . T. B. Prasad . Madeva Nagaral . <b>Pankaj Jadhav</b>, V. Auradi . S. Shiva Prakash “Microstructure, Mechanical Behavior and Tensile Fractography of 90-Micron-Sized Titanium Carbide Particles Reinforced Al2219 Alloy Die Cast Metal Composites”, <b>Journal of Failure Analysis &amp; Prevention, Springer</b>, doi.org/10.1007/s11668-020-01107-1, Jan -2021</li> <li>9. Jayasheel I Harti, B R Sridhar, H R Vitala, <b>Pankaj R Jadhav</b> “Wear behavior of Al2219-TiC particulate metal matrix composites” National Conference on Emerging Trends in Mechanical Engineering. <b>American Journal of Materials Science</b>, 5 (3C), pp.53-57, 2015.</li> <li>10. Jayasheel I Harti, T B Prasad, Madeva Nagaral, <b>Pankaj R Jadhav</b>, Anjan Babu V. A, Sahadeva G</li> </ol>		

N, "Evaluation of wear properties of TiC particulates reinforced Al2219 alloy composites", International conference on functional materials, characterization, solid state physics, power, thermal and combustion energy: fcsptc-2017. **AIP Conference Proceedings** 1859, 020058 (2017); doi: 10.1063/1.4990211

11. Jayasheel I Harti, T B Prasad Madeva Nagaral, **Pankaj R Jadhav** and V Auradi "Microstructure and dry sliding wear behaviour of Al2219-TiC composites" International Conference on Advanced Materials, Manufacturing , Management and Thermal Sciences (AMMMT-2016). **Elsevier , Materials Today: Proceedings** 4 (2017) 11004–11009
12. Rakesh K K, **Pankaj R Jadhav**, A. K. Murthy "Design and Development of Manually Controlled, Fly Insects Repellent Window" **International Journal of Advanced and Innovative Research** (2278-7844) / # 112 / Volume 5 Issue 7