


<b>Name of Faculty:</b> <b>Mr. Viraj Indrajeet Pasare</b>		
<b>Designation:</b> <b>Assistant Professor</b>		
<b>Qualification:</b> <b>M.Tech (Automobile Engineering)</b> <b>P.hD (Pursuing)</b>		
<b>Specialization:</b> <b>Automobile Engineering, Thermal Engineering</b>		
<b>Official Email ID:</b> <b>vipasare.dypcet@dypgroup.edu.in</b>		
<b>Courses Taught</b>	<ul style="list-style-type: none"> <li>• <b>Thermodynamics</b></li> <li>• <b>Fluid and Turbo Machinery</b></li> <li>• <b>Strength of Materials</b></li> <li>• <b>Automobile Engineering</b></li> <li>• <b>Refrigeration and Air Conditioning</b></li> <li>• <b>Electric Vehicle</b></li> <li>• <b>Industrial Fluid Power</b></li> </ul>	
<b>Roles and Responsibilities</b>	<ul style="list-style-type: none"> <li>• <b>Admission Cell Member</b></li> <li>• <b>College Magazine Coordinator</b></li> <li>• <b>Training and Placement – Department Coordinator</b></li> <li>• <b>Lab Incharge - Refrigeration and Air conditioning</b></li> </ul>	

<b>Research Contribution</b>	<ol style="list-style-type: none"> <li>1. <b>Comparing the Economic and Environmental Compatibility of Battery Electric and Conventional Vehicles in India”, International Conference on Mechanical, Automotive and Mechatronics Engineering (ICMAME 2023).</b></li> <li>2. <b>Performance of thermal-sprayed WC-Cr3C2-Ni coatings in slurry erosion for hydrodynamic turbines, Tribology – Materials, Surfaces and Interfaces, 2022</b></li> <li>3. <b>Analysis of micro hardness and degree of work hardening while turning Inconel with pressure coolant environment, Materials Today : Proceedings, 2022</b></li> </ol>
<b>FDP/Workshop Attended</b>	<ol style="list-style-type: none"> <li>1. <b>Inspection and Quality Control in Manufacturing, NPTEL</b></li> <li>2. <b>Failure analysis and prevention, NPTEL</b></li> <li>3. <b>NBA Accreditation and Teaching – Learning Engineering (NATE) , NPTEL</b></li> <li>4. <b>One week Online Short-Term Training Program on “Manufacturing Practices and Industry 4.0” Organized by Department of Mechanical Engineering, Engineering College, Bikaner from 8<sup>th</sup> – 12<sup>th</sup> June, 2020 under TEQIP-III.</b></li> </ol>
<b>Awards</b>	<ol style="list-style-type: none"> <li>1. <b>Secured 1<sup>st</sup> Rank in M.Tech (Automobile Engineering)</b></li> </ol>