


## Faculty Profile Format

### Faculty Profile

<b>Name of Faculty : Dr. Pravin Ashok Mane</b>		
<b>Designation : Assistant Professor</b>		
<b>Qualification : Ph.D, M.E.</b>		
<b>Specialization : (CAD/CAM/CAE)</b>		
<b>Official Email ID: pamane.dypcet@dypgroup.edu.in</b>		
<b>Courses Taught</b>	<ul style="list-style-type: none"><li>• <i>Finite element analysis</i></li><li>• <i>Applied Numerical Methods</i></li><li>• <i>Manufacturing Processes</i></li><li>• <i>Machine Drawing</i></li><li>• <i>Computer aided Engineering Graphics</i></li></ul>	
<b>Roles and Responsibilities</b>	<ul style="list-style-type: none"><li>• <i>CCF lab In charge</i></li><li>• <i>ESE Sr. Supervisor</i></li></ul>	
<b>Research Contribution</b>	<ol style="list-style-type: none"><li>1. <i>CuO nanoparticle size effect on Inconel-718 turning with Nano fluid minimum quantity lubrication”, International Journal of Machining and Machinability of Materials Vol. 25, No. 2, pp 190-208</i> <a href="https://doi.org/10.1504/IJMMM.2023.133386">https://doi.org/10.1504/IJMMM.2023.133386</a>.</li><li>2. <i>" Inconel 718 Turning Process Parameters Optimization with MQL Nanofluid Based on CuO Nanoparticles", Hindawi, Journal of Nanomaterials, Volume 2022, Article ID 1408529, 18 pages,</i> <a href="https://doi.org/10.1155/2022/1408529">https://doi.org/10.1155/2022/1408529</a>.</li></ol>	

	<ol style="list-style-type: none"> <li>3. <b><i>“A Comparative Study of Nano—MQL and MQL on Chip Morphology and Shear Angle Under High-Speed Turning of Inconel 718: For a Sustainable Machining”, “Techno-societal 2022”, Techno- societal 2022. ICATSA 2022. Springer, Cham. <a href="https://doi.org/10.1007/978-3-031-34644-6_60">https://doi.org/10.1007/978-3-031-34644-6_60</a>.</i></b></li> <li>4. <b><i>“Comparative assessment of standard and wiper insert on surface roughness in turning of Titanium alloy (Ti-6Al-4V)”, International Journal of Engineering Research and Technology, 2017.</i></b></li> <li>5. <b><i>“Machinability of Titanium Alloy (Ti-6Al-4V): A Review”, National Conference on Emerging Trends in Engineering &amp; Architecture</i></b></li> </ol>
<p><b><i>FDP/Workshop Attended</i></b></p>	<ul style="list-style-type: none"> <li>• <b><i>VSSC ISRO'S FEAST FEA TECHNOLOGY, Nov 09,2016 To Nov 09,2016</i></b></li> <li>• <b><i>advanced structure analysis using ANSYS, Jan 28,2015 To Jan 29,2015</i></b></li> <li>• <b><i>Teaching methodology for the course Noise and vibration, Mar 17,2018 To Mar 17,2018</i></b></li> <li>• <b><i>two week workshop on engineering Mechanics, Nov 26,2013 To Dec 06,2013</i></b></li> <li>• <b><i>two week workshop on Engineering Thermodynamics, Dec 11,2012 To Dec 21,2012</i></b></li> <li>• <b><i>Advances in Manufacturing and process, May 20,2021 To May 24,2021</i></b></li> </ul>