Faculty Profile

<table>
<tr><td colspan="2">Name of Faculty : Dr. Pravin Ashok Mane</td><td rowspan="4">  </td></tr>
<tr><td colspan="2">Designation : Assistant Professor</td></tr>
<tr><td colspan="2">Qualification : M.E.</td></tr>
<tr><td colspan="2">Specialization : (CAD/CAM/CAE)</td></tr>
<tr><td colspan="3">Official Email ID: pamane.dypcet@dypgroup.edu.in</td></tr>
<tr><td>Courses Taught</td><td colspan="2">Finite element analysis
Applied Numerical Methods
Manufacturing Processes
Machine Drawing
Computer aided Engineering Graphics</td></tr>
<tr><td>Roles and Responsibilities</td><td colspan="2">CCF lab In charge
ESE Sr. Supervisor</td></tr>
<tr><td>Research Contribution</td><td colspan="2">CuO nanoparticle size effect on Inconel-718 turning withNano fluid minimum quantity lubrication”, International Journal of Machiningand Machinability of Materials Vol. 25, No. 2, pp 190-208 https://doi.org/10.1504/IJMMM.2023.133386.
" Inconel 718 Turning Process Parameters Optimization with MQL Nanofluid Based on CuO Nanoparticles", Hindawi, Journal of Nanomaterials, Volume 2022, Article ID 1408529, 18 pages, https://doi.org/10.1155/2022/1408529.
“A Comparative Study of Nano—MQL and MQL on Chip Morphology and Shear Angle Under High-Speed</td></tr>
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	Turning of Inconel 718: For a Sustainable Machining", "Techno-societal 2022",Techno- societal 2022. ICATSA 2022. Springer, Cham. https://doi.org/10.1007/978-3-031-34644-6_60. 4. ***"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.*** 5. ***"Machinability of Titanium Alloy (Ti-6Al-4V): A Review", National Conference on Emerging Trends in Engineering & Architecture***
FDP/Workshop Attended	• ***VSSC ISRO'S FEAST FEA TECHNOLOGY, Nov 09,2016 To Nov 09,2016*** • ***advanced structure analysis using ANSYS, Jan 28,2015 To Jan 29,2015*** • ***Teaching methodology for the course Noise and vibration, Mar 17,2018 To Mar 17,2018*** • ***two week workshop on engineering Mechanics, Nov 26,2013 To Dec 06,2013*** • ***two week workshop on Engineering Thermodynamics, Dec 11,2012 To Dec 21,2012*** • ***Advances in Manufacturing and process, May 20,2021 To May 24,2021***