


Name of Faculty: Mr. Nilesh Tanaji Mohite		
Designation: Assistant Professor		
Qualification: M.E. (CAD/CAM/CAE)		
Specialization: CAD, CAM, CAE		
Official Email ID: ntmohite.dypcet@dypgroup.edu.in		
Courses Taught	Finite Element Analysis, Robotics and Automation, Industrial Hydraulics and Pneumatics, Computer Aided Manufacturing, Computer Aided Drawing	
Roles and Responsibilities	Program Coordinator, Member Secretary (Board of Studies), Member Secretary (PAQIC)	
Research Contribution	<ol style="list-style-type: none"> 1. Published a paper on ‘Reclamation of Waste Sand Generated from 3D Printer’ in International Journal of Metal casting (2024) 2. Published a paper on ‘Comparative analysis of WEDM performance of Nitronic-30 using different wire electrode materials’ in International Journal of Machining and Machinability of Materials (2023) 3. Published a paper on ‘Performance enhancement in WEDM of nitronic-30 using latent heat energy’ in Sadhana Journal (2022) 4. Published a paper on ‘The Use of Entropy-Based GRA Approach to Analyze and Optimize the Wire Electrical Discharge Machining Process for Nitronic-30’ in Elsevier Materials Today Proceedings (2021) 5. Published a paper on ‘Multi-Response Optimization of Process Parameters of WEDM using TOPSIS Approach in International Journal of Engineering Research & Technology (2020) 6. Published a paper on ‘Optimization of Wall Thickness for Minimum Heat Losses for Induction Furnace’ in International Journal of Engineering Research and Technology (2017) 7. Published a paper on ‘Comparative assessment of standard and wiper insert on surface roughness in turning of Titanium alloy (Ti-6Al-4V)’ in International Journal of Engineering Research and Technology (2017) 8. Published a paper on ‘Optimization of Geometrical Parameters of Resistance Spot Welding Process for Strength of Welded Joints’ in International Journal of Emerging Engineering Research and Technology (2014) 9. Published a paper on ‘Stress And Load-Displacement Analysis Of Fiber Reinforced Composite Laminates Under 	

	<p>Different Loading Conditions' in International Journal of Engineering Science and Technology (2012)</p> <p>10. Published a paper on 'Study of performance characteristics of variable compression ratio diesel engine using ethanol blends with diesel' in International Journal of Engineering Science and Technology (2012)</p>
<p>FDP/Workshop Attended</p>	<ol style="list-style-type: none"> 1. "Finite Element Method and its Engineering Application", Department of Mechanical Engineering, a one week AICTE-ISTE approved STTP at D.Y.Patil College of Engg. & Tech. Kasaba Bawada, Kolhapur. 2. Completed 60 days "ELEATION's Ansys Basic to Professional Training Program 3. 8 week FDP on "Plastic Waste Management" organized by NPTEL- AICTE. 4. One week FDP (Online) "Advances in Manufacturing and Materials" at DYPCET, Kolhapur. 5. One week STTP (Online) "Implementation of Advanced Optimization Techniques using MATLAB" at RIT, Islampur. 6. 5 days' Workshop (Online) on "3 D Printing technology" at DYPCET, Kolhapur. 7. Two days workshop on "Stepping towards problems and project based learning: introductory workshop" at BVCOE, Kolhapur. 8. One week FDP on Industrial Revolution through Green Technology at DYPCET, Kolhapur. 9. Three day FDP on "Soft Computing Techniques for modeling and Optimization in Mechanical Engineering" at AMGOI, Vathar. 10. One day workshop on "Outcome Based Education- Best Practices" at DYPCET, Kolhapur. 11. Two day workshop on "mastercam milling & Robot Programming" at KIT, Kolhapur. 12. Two week ISTE workshop on "Computational Fluid Dynamics" at KIT, Kolhapur.