


Name of Teaching Staff Designation Department	: Prashantkumar Ramesh Patankar : Assistant Professor : Mechanical Engineering	
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Publons Researcher ID	: https://publons.com/dashboard/summary/	
Qualifications with Class / Grade	: Mumbai University, Maharashtra M.E. Mechanical Engineering, Dec - 2009, Pass Class, specialization in Machine Design. Shivaji University Kolhapur, Maharashtra B.E. - Mechanical Engineering, June-1997, First Class.	
Total Experience in Years	: Teaching: 23.5 years Year Industry: 1 years	
Papers Published in Journal:	:	
Papers Presented in Conferences	<ul style="list-style-type: none"> • Balagopal Unnikrishnan, Armaan Valjee, Vyankatesh Bagal, Prashantkumar Patankar, “Optimization of Surface Roughness During High Speed Milling of Inconel 825 Using Grey Relation Analysis” Proceedings of International Conference on Intelligent Manufacturing and Automation, ICIMA 2020. 	
Area of Specialization	Mechanical Engineering	
Subjects Taught	UG Level: Mechanical Vibrations, Machine Design-I, Machine Design-II, Design of Mechanical Systems, Strength of Materials, CAD/CAM/CAE, Rapid Prototyping, Kinematics of Machinery, Materials Technology.	

Projects Guided	<p>: <u>UG Level:</u></p> <ul style="list-style-type: none"> • Design and fabrication of a prototype of mechanical crawler. • Design and Manufacturing of Automated Trolley for Material Handling. • Prototyping Autonomous Drone with Remote Capabilities. • Designing and prototyping of a portable cooler/heater. • Solving vibration issues of a cooling water pump. • Design, manufacturing and testing of an impact attenuator. • Design and fabrication of mechanism for generating electricity from speed breaker. • Design and analysis of suspension using a Magnetic Rheological fluid. • Design and manufacturing of Steering system of Formula Student Car. • Measurement of Internal Cylindricity Using Machine vision. <p><u>PG Level:</u></p>				
Recommended Students for Higher Education	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; border: none;"><u>Name of the Student</u></th> <th style="text-align: left; border: none;"><u>University/Industry</u></th> </tr> </thead> <tbody> <tr> <td style="border: none;">About 20 students at UG level</td> <td style="border: none;">Universities in US, Germany, UK</td> </tr> </tbody> </table>	<u>Name of the Student</u>	<u>University/Industry</u>	About 20 students at UG level	Universities in US, Germany, UK
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Institute/Department Responsibility handled:	<ul style="list-style-type: none"> • NBA Coordinator for Mechanical Engineering Department • NAAC Coordinator for Mechanical Engineering Department • Member of BOS of Department of Mechanical Engineering • Member of DAB of Mechanical Engineering • Member, 'Program Assessment Committee' in Mechanical Engineering Department. • Member of IQAC committee • Admission Committee Member 				