

Faculty Information				
Personal Information				
Name of the Faculty		Mr. Rahul Harishchandra Naravade		
Designation	Head of Department	Department		Automobile Engineering
Email	rahul.naravade@pravara.in			

Qualification Details			
Sr. No.	Exam Passed	Board /University	Year of Passing
01	PhD. (Mechanical Engineering)	SP Pune University, Maharashtra	Pursuing
02	P.G.(Design Engineering)	SP Pune University, Maharashtra	2013
03	U.G.(Mechanical Engineering)	SP Pune University, Maharashtra	2009
04	Diploma (Mechanical Engineering)	MSBTE Mumbai, Maharashtra	2005
05	HSC	Pune Board	2002
06	SSC	Pune Board	2000

Work Experience		
Teaching Experience:17 yrs.	Industrial Experience: 00	Total Experience: 17 yrs.

Subject Taught till date
• Metrology and Quality Control • Automobile Engineering • Power Engineering • Industrial Fluid Power • Alternative Energy Sources • Industrial Hydraulics and Pneumatics • Industrial Engineering and Quality Control • Engineering Metrology • Applied Mechanics • Theory of Machines and Mechanisms • Tool Engineering • Power Plant Engineering • Solid Modeling and Additive Manufacturing • Computer Aided Drafting • Manufacturing Processes • Behavioral Science • Mechanical Engineering Materials • Entrepreneurship Development and Professional Practices • Production Drawing • Automobile Working Drawing • Management • Emerging Trends in Mechanical Engineering • Mechanical Measurements

Membership with Professional Bodies

- ISTE, SAE

Paper Publications

Sr. No.	Title	Published Journal	Year of Publication
1	"Optimization of cryogenic treatment on wear behavior of D6 tool steel by using DOE/RSM"	International Journal of Engineering and Advanced Technology	Volume2/Issue2 /30 Dec.2012.
2	"Effects of Cryogenic Treatment, Hardening and Multiple Tempering on Wear Behavior of D6 Tool Steel"	International Journal of Engineering and Science	Volume2/Issue5 / June 2013.
3	"Statistical Analysis of Factors Affecting the Dry Sliding Wear Behavior of Al/SiCp on Automobile Friction Material"	International Journal of Engineering and Science	Volume-3, Issue-12, Dec. 2014
4	"Analysis of Wear Behavior of D6 Tool Steel by Influence of Cryogenic Treatment"	International Journal of Engineering and Science	ISBN 978-929744-9-1, March 18-19, 2016
5	"Effects of Cryogenic Treatment, Hardening and Multiple Tempering on Wear Behavior of D6 Tool Steel"	International Advanced Research Journal in Science and Technology	IARJSET, Volume 3, Special Issue 1, March 2016
6	"Analysis of Wear Behavior of D6 Tool Steel by Influence of Cryogenic Treatment"	International Research Journal of Engineering and Technology (IRJET)	IRJET, Volume: 04 Issue: 05 May -2017
7	"Surface Grinding Parameters Optimization of Austenitic Stainless Steel (AISI 304)"	International Journal of Scientific Research in Science, Engineering and Technology (IJSRSET)	IJSRSET, Volume 7, Issue 3, Print ISSN: 2395-1990, Online ISSN : 2394-4099, DOI : https://doi.org/10.32628/IJSRSET.207337
8	"The effects of heat and deep cryogenic treatment on wear behavior of HSS cutting tool steel"	International Journal of Research and Analytical Reviews (IJRAR)	IJRAR, E-ISSN 2348-1269, P- ISSN 2349-5138, April 2023, Volume 10, Issue 2
9	"A Comprehensive Study on Pressure Die Casting: Process Mechanisms, Material Science, Challenges, and Future Trends"	International Journal of Scientific Research in Science, Engineering and Technology (IJSRSET)	Volume 12, Issue 3, May-June-2025, Print ISSN - 2395-1990 Online ISSN : 2394-4099, doi : https://doi.org/10.32628/IJSRSET.251256

10	"Cryogenic Treatment of Ti-6Al-4V Alloys: A Review on Wettability, Biocompatibility, and Corrosion Resistance for Bioimplant Applications"	International Journal of Scientific Research in Engineering and Management (JSREM)	Volume: 09, Issue: 12, Dec. 2025, ISSN: 2582-3930, DOI: 10.55041/IJSRE M54933
11	"Cryogenic Treatment of Ti-6Al-4V Alloys: A Review of Effects on Microstructure, Mechanical Properties, and Machining Performance"	Dandao Xuebao/Journal of Ballistics	ISSN: 1004-499X Vol. 38 No. 1 (2026)

Conferences			
Sr. No.	Title	Organized By	National/ International
1	"Optimization of Cryogenic Treatment on Wear Behaviour of D6 Tool Steel by Using DOE/RSM"	Amrutvahini College of Engineering, Sangamner. 12 th to 14 th March 2012	International
2	"Optimization of Cryogenic Treatment on Wear Behaviour of D6 Tool Steel by Using DOE/RSM"	Pravara Rural College of Engineering, Loni. 26 th & 27 th March 2012	State level
3	"Analysis Of Wear Behavior Of D6 Tool Steel By Influence Of Cryogenic Treatment"	Pravara Rural College of Engineering, Loni. 18 th & 19 th March 2016	National
4	"Effects of Deep Cryogenic Treatment on Wear Behavior of D6 Tool Steel"	Amrutvahini College of Engineering, Sangamner. 29 th to 30 th March 2016	International
5	"Fatigue Analysis of Alloy Wheel"	Pravara Rural College of Engineering, Loni. 22 th to 23 th Feb 2019	International
6	"Cryogenic Treatment of Ti-6Al-4V Alloys: A Review of Effects on Microstructure, Mechanical Properties, and Machining Performance"	Fabtech College of Engineering and Research, Sangola (ICBTSD-2025) 23 rd & 24 th December 2025	International
7	"Cryogenic Processing Of Ti-6Al-4V Alloys: Hybrid Approaches and Ai Enabled Strategies for Bioimplant Development"	ICETE-2026 2nd International Conference 7 th and 8 th March 2026	ICETE-2026 2 nd International Conference
8	"Performance Testing of Biofuel Blends on Small Cylinder Petrol Engines"	ICETE-2026 2nd International Conference 7 th and 8 th March 2026	ICETE-2026 2 nd International Conference
