

Faculty Information				
Personal Information				
Name of the Faculty		Mr. Pravin Balasaheb Dengale		
Designation	Lecturer	Department		Automobile Engineering
Email	Pravin.dengle@pravara.in			

Qualification Details			
Sr. No.	Exam Passed	Board /University	Year of Passing
01	P.G.(Design Engineering)	SP Pune University, Maharashtra	2020
02	U.G.(Mechanical Engineering)	SP Pune University, Maharashtra	2014
03	HSC	Pune Board	2008
04	SSC	Pune Board	2006

Work Experience		
Teaching Experience:12 yrs.	Industrial Experience: 00	Total Experience: 12 yrs.

Subject Taught till date
• Strength of Material • Power Engineering • Industrial Fluid Power • Metrology and Quality Control • Industrial Hydraulics and Pneumatics • Industrial Engineering and Quality Control • Engineering Metrology • Automobile Engineering • Applied Mechanics • Theory of Machines and Mechanisms • Power Plant Engineering • Solid Modeling and Additive Manufacturing • Manufacturing Processes • Mechanical Engineering Materials • Entrepreneurship Development and Professional Practices • Automobile Working Drawing • Management • Emerging Trends in Mechanical Engineering

Paper Publications			
1	Ai- Controlled Automated Assembly Line Robot	Patent	2025
2	A Comprehensive Review on AI-Based Material Selection and Property Prediction Using Artificial Neural Networks	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT), Vol. 5, Issue 2, November 2025; ISSN 2581-9429; DOI: 10.48175/IJARSCT-29706	2025
3	Maximizing Weld Integrity: A Study On Mig Welding Parameter Optimization	Journal of Emerging Technologies and Innovative Research (JETIR), Vol. 12, Issue 3, March 2025; ISSN 2349-5162; JETIR2503192	2025
4	Design and Implementation of an Intelligent Material Selection and Property Prediction Framework Using Artificial Neural Networks	International Journal of Engineering Research & Technology (IJERT), Vol. 15, Issue 05, May 2026; ISSN 2278-0181; IJERTV15IS050476	2026
5	A Review Of Nanomaterials As Lubricant Additives For Tribological And Thermophysical Enhancement	Padmashri Dr.Vitthalrao Vikhe Patil Institute Of Technology & Engg.(Polytechnic).Loni,State Level Fdp;9feb -14feb 2026	2026
6	MAXIMIZING WELD INTEGRITY: A STUDY ON MIG WELDING PARAMETER OPTIMIZATION	Journal of Emerging Technologies and Innovative Research (JETIR),Vol.12,Issue 03,March 2025,ISSN 2349-5162;JETIR2503192	2025
7	Comparative Study of Different Welding Joining Processes on Aluminum Plate	International Journal of Advanced Research in Science, Communication and Technology Volume 5, Issue 1, April 2025; ISSN: 2581-9429; DOI: 10.48175/IJARSCT-24853	2025
8	Comparative Study Of Different Welding Joining Processes On Aluminum Plate	Journal of Emerging Technologies and Innovative Research (JETIR),Vol.12,Issue 03,March 2025,ISSN 2349-5162; JETIR2503832	2025
9	An Analysis of Glass Fiber Reinforced Polyamide 66 and ptfes Tribological Performance	International Journal of Advanced Research in Science, Communication and Technology Volume 5, Issue 1, April 2025; ISSN: 2581-9429; DOI: 10.48175/IJARSCT-25660	2025

Paper Publications			
10	Thermal Management in Electronics and Battery Systems in Vehicles	International Journal of Advanced Research in Science, Communication and Technology Volume 5, Issue 1, April 2025; ISSN: 2581-9429; DOI: 10.48175/IJARST-25663	2025
11	Study on Bending and Torsional Behaviour of Al Composite Drive Shaft	International Journal of Advanced Research in Science, Communication and Technology (IJARST) Volume 4, Issue 7, April 2024; ISSN: 2581-9429; DOI: 10.48175/568	2024
12	Experimental Analysis And Study Of Tribological Performance Of Al7075 Based Hybrid Composites	Journal of Emerging Technologies and Innovative Research (JETIR), Vol.12, Issue 02, Feb 2025, ISSN 2349-5162; ETIR2502357	2025
13	Parameters for Surface Grinding Austenitic Chromium Nickel Stainless Steel Sheet (AISI 304) Optimisation using Taguchi Method	International Journal of Innovative Research Science, Engineering & Technology (IJIRSET), Volume 13, Issue 4, April 2024, ISSN: 2319-8753	2024
14	Survey Towards Surface Grinding AISI 304 Optimization Using Taguchi Method	International Journal of Innovative Research Science, Engineering & Technology (IJIRSET), Volume 13, Issue 4, April 2024, ISSN: 2319-8753	2024

Conferences			
1	Design and Implementation of an Intelligent Material Selection and Property Prediction Framework Using Artificial Neural Networks	13th National Conference on Emerging Trends in Engineering & Sciences (NCETES)-JCON 2026, Jaihind College of Engineering, Kuran; 02–03 March 2026	National
2	Cryogenic Processing of Ti-6Al-4V Alloys: Hybrid Approaches and AI Enabled Strategies for Bioimplant Development	ICETE-2026, 2nd International Conference; 07–08 March 2026	International
3	Performance Testing of Biofuel Blends on Small Cylinder Petrol Engines	ICETE-2026, 2nd International Conference; 07–08 March 2026	International

Conferences			
4	Advances in Electrical Vehicle for Sustainable future	Padmashri Dr.Vitthalrao Vikhe Patil Institute Of Technology & Engineering.(Polytechnic).Lonni,State Level Fdp;9feb - 14feb 2026	National
5	Machine Learning Fundamentals Building your AI skills session	Atal Fdp-2026, Sahyadri Valley College Of Engineering & Technology	National
6	Fundamentals of cloud Computing and Emerging Trends with Cloud Technology at	Atal Fdp-2025, Sahyadri Valley College Of Engineering & Technology	National
