

Faculty Profile



1. Name of Faculty: Dr. Prabhakar D. Maskar
2. Designation: Assistant Professor
3. Department Name: Mechanical Engineering
4. Qualification: B.E., M.E., PhD
5. Degree/Diploma: Degree, PG
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9. Bio sketch:

Dr. Prabhakar D. Maskar is an Assistant Professor in the Department of Mechanical Engineering at Walchand College of Engineering (WCE), Sangli. He completed his Ph.D. in Mechanical Engineering from Shivaji University, Kolhapur in 2025. He holds a Bachelor's degree in Automobile Engineering and a Master's degree in Mechanical Design Engineering.

Dr. P. D. Maskar has a total professional experience of over 17 years, including 14+ years of academic experience and nearly 3 years of industrial experience.

He has taught a wide range of undergraduate and postgraduate subjects including Dynamics of Machines, Theory of Machines, Strength of Materials, Numerical Methods, Automobile Engineering, Advanced Solid Mechanics, Finite Element Method, Advanced Vibration and Acoustics, Tribology in Design, Process Equipment Design, and Robotics.

His research areas include Mechanical Vibrations, Magnetorheological (MR) Fluid Dampers, Energy Harvesting Systems, NVH, and Condition Monitoring. He has published 21 research papers in peer-reviewed journals (12 international and 9 national) and 11 papers in international and national conferences, many indexed in Scopus. He has also authored a book titled "*CATIA Training Resource Material*" (LAP Lambert Academic Publishing, 2012).

Dr. P. D. Maskar has successfully guided 20 M. Tech dissertations and 3 B. Tech projects, primarily in the areas of vibration analysis, MR dampers, energy harvesting systems, regenerative shock absorbers, and composite structures.

He is a Life Member of the Indian Society for Technical Education (ISTE) and has completed more than 49 training programs, STTPs, FDPs, and workshops, including programs conducted by IITs, NITs, and other reputed institutions. He has also completed several NPTEL/SWAYAM certification courses in Finite Element Method, Robotics, and Composites.

In addition to teaching and research, he actively contributes to academic administration and laboratory development activities.

Dr. P. D. Maskar remains actively engaged in research, academic development, and institutional quality enhancement initiatives.