HEMANT PADMARAJ DONGARE

Assistant Professor | Mechanical Engineering

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PROFESSIONAL SUMMARY

Mechanical Engineering educator with over 14 years of experience in diploma and undergraduate teaching. Currently serving as an Assistant Professor at Yashwantrao Bhonsale Institute of Technology, Sawantwadi, with prior experience in the Automobile Engineering Department at Rajendra Mane Polytechnic, Ambav. Committed to effective engineering education, practical learning, and continuous professional development.

PROFESSIONAL EXPERIENCE

Assistant Professor – Mechanical Engineering — 22 July 2024–Present
Yashwantrao Bhonsale Institute of Technology (YBIT), Sawantwadi.

Lecturer – Automobile Engineering Department — 25 June 2012–20 July 2024
Rajendra Mane Polytechnic, Ambav.

EDUCATIONAL QUALIFICATIONS

Qualification	Institution / University	Year / Result
M.E. – Machine Design	University of Mumbai	Pursuing
B.E. – Automobile Engineering	University of Mumbai	2012 | 74.12%
HSC	—	2008 | 80.17%
SSC	—	2006 | 83.73%

CERTIFICATIONS

- NPTEL – Introduction to Mechanical Vibration, September 2025.
- NPTEL – Principles of Vibration Control, September 2026.
- Online Certification – Data Science and Machine Learning using Python, 2023.

FACULTY DEVELOPMENT PROGRAMMES (FDPS) / TRAINING

- One-week FDP on Engine and Dynamometer – SAJ Test Plant, Pune, January 2019.
- Recent Advances in Automobile – VJTI, Mumbai, January 2020.
- 3D Modelling using CATIA – Government Polytechnic, Karad, January 2017.

SUBJECTS TAUGHT

Strength of Materials (SOM) | Theory of Machines (TOM) | Machine Design (MD) | Vibration Analysis & Control (VAC) | Thermodynamics (TD)

SOFTWARE SKILLS

MS Office | ANSYS | CATIA | Autodesk Inventor | Python

AREAS OF INTEREST

Mechanical vibration and vibration control, machine design and analysis, automobile engineering, and data science / machine learning applications in engineering.

DECLARATION

I hereby declare that the information provided above is true and correct to the best of my knowledge.

Place: _____ Date: _____

(Hemant Padmaraj Dongare)