



Vaishali Shatpalkar

Assistant Professor, Mechanical Engineering

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Objective:

To serve with the best of my abilities to achieve professional growth while being resourceful, innovative, and flexible. Aiming to contribute my skills and expertise in mechanical engineering to foster development and enhance the learning environment.

Work Experience:

1. **Assistant Professor, Mechanical Engineering**
Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad, Maharashtra
Sept. 2024 - Present
 2. **Lecturer, Mechanical Engineering**
The Maharaja Sayajirao University of Baroda, Baroda, Gujarat
September 2022 – May 2024
 3. **Assistant Professor, Mechanical Engineering**
The Maharaja Sayajirao University of Baroda, Baroda, Gujarat
June 2017 – May 2018
 4. **Lecturer, PCT'S M.M.J Shah Polytechnic College, Thane (W), Maharashtra**
July 2009 – April 2012
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Education:

- **Master of Engineering (M.E.) in CAD/CAM**
Anuradha Engineering College, Chikhali, Amravati University
Secured 8.54 CGPA
 - **Bachelor of Engineering (B.E.) in Mechanical Engineering**
Anuradha Engineering College, Chikhali, Amravati University
Secured 74.71%
Awarded the G. G. Bahaley Gold Medal
 - **Diploma in Mechanical Engineering**
Govt. Polytechnic, Khamgaon, MSBTE Mumbai
Secured 64.76%
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Certifications and Training:

- PV Elite Design Software Training – CADD Center Vadodara
 - AutoCAD 2D Software Training
 - Training on Industrial Awareness by MSBTE
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Project Work:

- **Design, Modelling, and Analysis of Multiplate Clutch** using different friction lining materials (Software: CATIA V5, ANSYS)
Guided by Dr. R.P. Chopade (IIT Guwahati)
 - **Rural Energy Optimization by Goal Programming Approach**
Bachelor of Engineering Project
 - **Modification in Electrical System of Two-Wheeler** (Battery replacement with an electronic circuit)
First Prize at DIPEX 2005 State-Level Exhibition
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Seminars & Research Papers:

- **Seminar Presentations:**
 - Power Plant Familiarization (B.E. Mechanical Engineering)
 - Introduction to Fuels and Combustion System (Diploma in Mechanical Engineering)
 - **Research Paper:**
 - Published: "Thermal Performance Evaluation of Circular Embossed Trapezium Solar Cooker with and without Heat Storage Medium," *IJAEMA Journal, Volume XV, Issue V, May 2023*
 - National Conference: *Design, Modeling, and Analysis using Asbestos and Cotton Fabric as Friction Lining Material*
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I hereby declare that all the information mentioned above is true to the best of my knowledge and belief. I am aware that any controversy of above mentioned information with the reality may lead me to trouble

Yours Faithfully
Mrs. Vaishali S. Shatpalkar (Sanjore)