

Name:

Mrs. Manasi Chandrashekhar Shete

Designation:

Assistant Professor

Contact Details:

Email id: mcs_mech@pvgcoet.ac.in

Phone Number with extension: 020 24228258 / 65 / 79

**Educational Qualifications:**

- PhD Pursuing Mechanical and Material Technology, Department of Technology, Savitribai Phule Pune University
- M.E. (Mechanical Heat Power), Pune University, June 2008.
- B.E. (Mechanical), Pune University, August 2005.

Experience:

- Teaching: 16 Years
- Research: 2 years

Research Interests:

- Fluid Mechanics
- Heat Transfer
- Turbomachines

Number of Publications: 03

International Journal: 02

International Conference: 01

Professional Society Memberships:

- Life member of Indian Society for Technical Education (LM 76398)

Number of FDPs / STTPs attended: 12

Number of Workshops attended: 05

Number of Online Certification Courses done: 06

Number of Webinar attended: 08

Details of Research papers published:

- "Comparative CFD Analysis of Aerodynamic Parameters for Reentry Capsules Across the Full Spectrum of Flight Regimes", International Conference on Thermal Sciences and Sustainable Energy at NIT Warangal, held on 23rd to 24th January 2026
- "Demonstration of Pascal's law by using Hydraulic Jack", International Research Journal of Engineering and Technology (IRJET), April-2023, Volume: 10 Issue: 04
- "Design Optimization of Filters for Energy Conservation", International Research Journal of Engineering and Technology (IRJET), May-2023, Volume: 10 Issue: 05

Details of FDPs / STTPs attended in last 5 years:

- One week FDP on "NEP 2020 Orientation and Sensitization Programme" organized by UGC- MMTTC, JNV University, Jodhpur, Rajasthan, from 20/11/25 to 28/11/25
- One week FDP on "Research Methodology, Ethics and Publication Tools" organized by PVG's COET&M, Pune, from 16/06/25 to 20/06/25
- One week FDP on "Exploring Perspectives of AI and ML in Automation & Robotics" organized by Department of Automation & Robotics, D. Y. Patil Institute of Technology, Pimpri from 24/06/2024 to 28/06/2024
- One week FDP on "Emerging Trends in Energy Systems" organized by PVG's COET & GKPWIM in association with PES-IAS chapter and IEEE Pune section 10/06/2024 to 14/06/2024
- 5-day Face-to-Face UHV-II FDP organized by All India Council for Technical Education (AICTE) from 16th to 20th Jan 2024
- One Week Short Term Training Programme (online) on "How to Analyze and Write Quality Research Paper" from 3rd to 7th Oct 2023
- One Week National Level Interdisciplinary Short -Term Training Program on "Exploring Quality Research and its Societal Impact" from 9th to 13th Sept 2023

- 3-day Face-to-Face FDP on the theme “Inculcating Universal Human Values in Technical Education” from 3rd to 5th April 2023
- 3 Days FDP on "LabVIEW for Engineers" from 26th to 28th May 2023
- Six days AICTE-MRSPTU online FDP on EMERGING TRENDS IN TEACHING & RESEARCH (ETTR) from 7th to 12th Feb 2022
- One week Faculty Development Program on “Interactive Teaching Learning Strategies with Affective & Cognitive Approach (ITLS)” from 21st to 25th June 2021
- One-week Online FDP on ‘Design and simulation in Solid and Fluid Mechanics Applications using Ansys -R21 from 31st Jan 2022 to 4th Feb 2022

Major Portfolios Handled: (college level and department level)

- Department QA Co-Ordinator
- Department NAAC Criteria 6
- Department NBA Criteria 2 & 5
- Department Time Table
- Department Internship coordination
- Department PBL Coordination
- Department Elective coordination