

Mr. Haseen Muneeroddin Shaikh

Assistant Professor | Department of Mechanical Engineering

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Professional Profile

Prof. Haseen M Shaikh is an Assistant Professor in the Department of Mechanical Engineering, Sardar Patel College of Engineering, Mumbai. He holds an M.Tech. in Manufacturing Engineering from Dr. Babasaheb Ambedkar Technological University, Lonere, where he secured an 8.85 CGPA and was awarded Gold Medalist distinction, and a B.E. in Mechanical Engineering from the University of Pune with First Class with Distinction.

He has been serving as a faculty mentor to the SPCE Racing Team since AY 2025–26, guiding students in technical development, project execution, teamwork, and competitive engineering practices.

Core Areas of Expertise

- Manufacturing Engineering and Advanced Manufacturing Processes
- Precision Machining, Single-Point Diamond Turning and Opto-Mechanical Components
- Composite Materials: Natural–Artificial Fiber Hybrid Composites and Recycled CFRP
- Renewable Energy modelling and analysis

Professional Experience

Assistant Professor-Department of Mechanical Engineering, Sardar Patel College of Engineering, Mumbai | Since June 2015

Sponsored / Academic Projects

Minor Research Project, University of Mumbai Funded Project, 2018: Fabrication of coconut fiber reinforced composite for manufacturing of automobile accessories

Publications (Scopus ID: 57195393129 & Orcid id: 0000-0002-4463-8714)

- Performance Analysis of Powder Mixed EDM of Al-20% SiC Metal Matrix Composite, COPEN-8 International Conference, December 2013, Vol. II, pp. 853–858.
- Some investigations in Single Point Diamond Turning of Germanium Aspheric Lens, ISSRD International Conference, San Diego, USA, 27–28 August 2016.
- Assessment of Optical Performance of Aspheric Germanium Lens Manufactured using Single Point Diamond Turning, ASME MSEC2017-2691. DOI: 10.1115/MSEC2017-2691.
- Simulation based characterization of recycled carbon fiber reinforced plastics in a rod specimen, Materials Today: Proceedings, Vol. 44, Part 1, 2021, pp. 909–916. DOI: 10.1016/j.matpr.2020.10.802.
- Development and Mechanical Characterization of Natural-Artificial Fiber Hybrid Composite, 2019 International Conference on Nascent Technologies in Engineering. DOI: 10.1109/ICNTE44896.2019.8946037.
- Experimental analysis of vertical bifacial photovoltaics with flat and curved reflectors under tropical operating conditions.

Awards and Achievements

- Secured Elite Silver position in NPTEL online certification examination on Fundamental of Manufacturing Process.
- Secured 2nd position in poster presentation at Research Symposium on Recent Trends in Engineering and Industry 4.0 at SPCE in 2019.
- Received University of Mumbai Minor Research Grant in AY 2017–18.