

Name:

Mr.Rohan Vijay Vichare

**Designation:**

Assistant Professor

Contact Details:

Email id: rvv_fe@pvgcoet.ac.in

Educational Qualifications:

- M.S. (Solar Energy Engineering), Dalarna University, Sweden, August 2018
- B.E. (Mechanical Engineering), Shivaji University, August 2015
- PGDEPM (Environmental Protection & Management) May 2020

Experience:

- Industrial: 4 Years
- Teaching: 4 Years

Research Interests:

- Renewable Energy
- AIML

Number of Publications:

International Journal: 03

Number of FDPs / STTPs attended: 08

Number of Online Certification Courses done: 03

Details of Research papers published:

- AI-based predictive maintenance of solar photovoltaics systems: a comprehensive review, Energy Informatics, 2025, Vol 8, Issue 1, p1
- Design of a solar pond as an energy storage system for the pasteurization process in dairy Industry IJSR, Vol.06 no.11, November 2017
- Utilization of heat from PV-Air collectors in residential buildings IJSR, Vol.7 No.2, February 2018

Details of FDPs / STTPs attended in last 5 years:

- Exploring Generative AI , Deep Learning and Data science Tools: A Hands-On FDP, SNJB's College of Engineering, Nashik 2024
- AI for sustainable Development, VIIT Pune, August 2024
- Role of Artificial intelligence, Machine learning & Data Science in Emerging Trends of Mechanical industries, Zeal college of engineering & research, Pune 23rd January to 30th January 2023
- Inculcating Universal Human Values in Technical Education, PVG,s College of engineering and Technology, Pune, 3rd April to 5th April 2023
- Two days National Workshop on "Implementation of National Education Policy 2020-Industry Institute Linkage", Anantrao Pawar College of Engineering, Pune, 10th February 2023 - 11th February 2023
- Future Perspective of Non-Conventional, Renewable & Clean Energy Resources
- 9th May to 13th May 2022, Sanjeevan Engineering & Technology Institute, Panhala in association with Indian Society for Technical Education (I.S.T.E)

Major Portfolios Handled: (college level and department level)

- Research Co-Coordinator under IIC
- FE NBA Co-Coordinator
- FE File Coordinator for NAAC
- FE ERP Co-Coordinator
- Sr. Supervisor for End-Sem exam May.2023
- Eco Club Coordinator