



Shri Balasaheb Mane Shikshan Prasarak Mandal's,
ASHOKRAO MANE POLYTECHNIC
Vathar Tarf Vadgaon, Tal. Hatkanangle, Dist. Kolhapur-416 112(Maharashtra)
Website:- www.amietv.org

Department of Automobile Engineering

Academic Year: 2024-25

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Semester: ODD/EVEN

Date:

Faculty Profile

Faculty Name: - Mr. Bharat Yadavrao Ghatge
Faculty designation:- Lecturer
Highest Qualification: - PhD Scholar, M. Tech B.E. Mech.
Experience Teaching Years:- 12.5 Years
Experience Industrial: - 1 Year
Additional information:- Training & Placement Officer
Date of appointment:- 04/07/2016



Subjects Taught: Automobile Manufacturing Processes, Theory of Machines, Automobile Component Design, Vehicle System Maintenance, Engineering Drawing, Management, Environmental Studies, Material & Manufacturing Processes, Advance Manufacturing Processes.

Training programs attended:-

- FDP on Innovations in Additive Manufacturing (1 week)
- Workshop on Project Guidelines and Tools (2 days)
- Workshop on Industrial Robotics & Future of Artificial Intelligence(2 days)
- MSBTE sponsored Faculty development training (3 days)
- AICTE sponsored STTP on Machine Learning(1 week)
- FDP on Emerging trends in Polytechnic Education(1 week)
- FDP on Electric Vehicles(1 week)
- ISTE Approved STTP on Machine Learning(1 week)
- FDP Research Advancement & Scholarly Excellence(1 week)
- FDP on Advancement in E- Transportation(3 days)
- Advanced Trends in Mechanical Engineering(1 week)
- Opportunities & Challenges in OBE(1 week)
- Workshop on Design of E- Vehicles(2 days)
- FDP on Professional Ethics & Effective Teaching Methodology(3 days)
- FDP on NBA Awareness(1 week)

- STTP Design of Experiments & Optimization(1 week)
- Seminar on Computational Fluid Dynamics(1 day)
- Seminar on Research Methodology(3 days)
- Workshop on Research Gap Identification(2 days)
- STTP on Recent Developments in Indian Foundry(1 week)

Conference/ Seminars/Workshops attended: -

- International Conference on the empirical aspects of advancement in Science , Engineering and Technology by Cheran college of engineering in association with conference world <http://proceeding.conferenceworld.in/ICEAASET/2C07020201C404>
- National Conference on emerging areas in engineering and technology organized by CSMSS college of polytechnic Aurangabad in association with MSBTE Mumbai and ISTE New Delhi. https://msbte.org.in/file/CSMSSCOPNATIONALCONFERENCE2_150620211509
- **International Conference on Recent Advances in Science, Engineering, Technology and Management[ICRASET-2024]** <http://proceeding.conferenceworld.in/ICRASET-2024/12.pdf>
- **2nd International Conference On Recent Trends in Civil Engineering, Science, and Management [ICRTCSM2024]** <http://proceeding.conferenceworld.in/ICRTCSM-2024/18.pdf>
- **Third International Conference On IT Research & Innovation: (ICITRI 2025)** <https://www.conferenceworld.in/Conference.php?CID=1506>

Paper published:-

- **Prepare and Executing PPAP Documentation for Flywheel-4H.1171.10.0.00** IJRST – International Journal for Innovative Research in Science & Technology, Volume 7, Issue 3, August 2020 ISSN (online): 2349-6010
- **Imperative Significance of PPAP Document in the Modern Manufacturing Processes as per ISO/TS 16949 Standard in the Automotive Industry-A case Study** ELK’s Asia pacific Journals,ELK’s Indian Journal of Mechanical Engineering ELKAPJ/7789838
- **A Study on Production Development and Management** International Journal of Engineering Inventions e-ISSN: 2278-7461, p-ISSN: 2319-6491 Volume 11, Issue 11 [November. 2022] PP: 68-71
- **Current Scenario on Electric Vehicles in India.** International Journal of Engineering Inventions e-ISSN: 2278-7461, p-ISSN: 2319-6491 Volume 11, Issue 11 [November. 2022] PP: 99-102
- **Power quality improvement using FACT devices.** International Journal of Advance Research in Science and Engineering IJARSE (ISSN: 2319-8354) VOLUME NO. 13, ISSUE NO. 03, March 2024

- **A comparative study of lean manufacturing practices towards increase a company's competitiveness in the market place.** International Journal of Science, Technology and Management (IJSTM) Volume No.14, Issue No. 01, January 2025

Research/Development: -

- **Granted Indian patent** for the topic SMART SOLAR OUTDOOR AIR PURIFIER
Patent Design Number- 420454-001, Reciprocity Date- 18/06/2024

Projects Undertaken:

- **PhD Project** - A comparative study of lean manufacturing practices towards increase a company's competitiveness in the market place.