

Faculty Profile

- **Faculty Name** : Pramod Sarjerao Ladgaonkar
- **Designation** : Assistant Professor
- **Department** : Mechanical Engineering
- **Mobile No.** : 9404974108
- **Email Id.** : psl@amgoi.edu.in

● Educational Qualification

| Sl. | Degree | University | Class |
|-----|------------------------------------|------------------------------|------------------------|
| 1 | B.E.- Mechanical Engineering | Shivaji University, Kolhapur | First with distinction |
| 2 | M. E. – Heat and Pauer Engineering | Shivaji University, Kolhapur | First class |
| 3 | Ph. D. Scholar | Shivaji University, Kolhapur | |

● Professional experience:-

Total experience in years:-16

Teaching: - 14 Industrial: -02 Research: -00

| Sl. | Organization | Post | Period |
|-----|---|----------------------|---------------------------------|
| 1 | Ashokrao Mane Group of Institutions, Vathar | Assistant Professor | 08 January 2016 to Till Date |
| 2 | Ashokrao Mane Polytechnic, Vathar | Lecturer | 13 July 2011 to 07 January 2016 |
| 3 | Manugraph India Limited. Unit No 2 Kodoli | Trainee Engineer | 23 March 2010 to 22 March 2011 |
| 4 | Bill-Tube India Pvt. Ltd., Warananagar | Maintenance Engineer | 15 July 2009 to 20 March 2010 |

➤ Subject Taught: -

| Undergraduate Subjects | | | |
|-------------------------------|----------------------------|----|-------------------------------------|
| 1 | Heat Transfer | 2 | Refrigeration and Air Conditioning |
| 3 | Applied Thermodynamics I | 4 | Applied Thermodynamics II |
| 5 | Fluid and Turbo Machinery, | 6 | Energy and Power Plant Engineering, |
| 7 | Solar Energy | 8 | Basic Mechanical Engineering |
| 9 | Machine Drawing & CAD | 10 | Manufacturing Technology – I |
| 11 | Renewable Energy Sources | 12 | Sheet Metal Engineering |
| Postgraduate Subjects | | | |
| 1 | Tribology in Design | 2 | Design of Piping systems |

- **Project Work at U.G.:-** THERMO-PRESS TYRE REPAIRING MACHINE.
- **Project Work at P.G.:-** DEVELOPMENT AND PERFORMANCE EVALUATION OF SELECTIVE COATING OF ABSORBER TUBE FOR PARABOLIC TROUGH COLLECTOR

➤ **Research Area of Interest:** - Heat Transfer, Heat Recovery, Refrigeration

➤ **Book Published:** -

1) Recent Practices in Conventional and Non-conventional Energy Resources. 2015 (ISBN 13) , <https://www.ompublications.in/product/books/OM22387> Himalaya Publishing House, Chapter Writing.

2) Thermodynamics and Heat Transfer, JVK Publications, <https://books.jvktech.com/product/thermodynamics-and-heat-transfer/>

➤ **Paper Published in National & International Journal:-**

| Sl. | Title | Name of Journal | Type* (NJ/IJ) | Date | ISSN No. |
|-----|--|-----------------|---------------|------------|-----------------|
| 1 | “Review paper on selective coating of absorber tube”. | IJESRT | IJ | April 2014 | ISSN:2277-9655 |
| 2 | Development and Performance Evaluation of Selective Coating of Absorber Tube for Parabolic Trough Collector” | IJAIEM | IJ | Nov. 2014 | ISSN 2319-4847 |
| 3 | A Review Paper on Solar Thermal Energy Storage System”. | IJESRT | IJ | Oct. 2015 | ISSN: 2277-9655 |

* NJ- National Journal

IJ- International Journal

➤ **No. of Project Guided at U.G. Level:-** 85

➤ **No. of Project Guided at P.G. Level:-** 05

➤ **STTP/FDP/Workshops/Attended/Participated: -**

| Sl. | Name of STTP/FDP/workshop | Organized By | Date |
|-----|---|--|--------------------------|
| 1 | Induction training program Phase I Conducted by NITTR | Ashokrao Mane Polytechnic, Vathar | 14 – 25 May 2012 |
| 2 | Induction training program Phase II conducted by NITTR | BVJNIT, pune | 11 – 22 May 2015 |
| 3 | CNC programming & machining | AMP Vathar | 19 – 23 Dec. 2011 |
| 4 | Computational Fluid Dynamics | Government College of Engineering, Karad | 28/03/2013 To 01/04/2013 |
| 5 | Building Energy Code 2018 | SIT yadrav | 17 – 23 Jun. 2018 |
| 6 | Renewable energy past, present, future. | AMGOI , vathar | 5-17 Feb. 2018 |
| 7 | Research optimization techniques | AMGOI , vathar | 30/12/2019 to 4/01/2020 |
| 8 | Training to research scholar on research gap identification | AMGOI, Vathar | 6,7/03/2020 |
| 9 | Recent trends in Refrigeration and Air Conditioning | TKIET warana | 27-28 jan. 2018 |
| 10 | LaTeX | AMGOI, Vathar | 06-11 Jan. 2025 |
| 11 | PLC Training | AMGOI, Vathar | July 2024 |
| 12 | Drone Technology | AMGOI, Vathar | July 2024 |
| | Green Skills and Artificial Intelligence | AMGOI, Vathar | 18-24 Dec. 2024 |

➤ **Programs Organized: -**

| Sl. | Name of Program | Institute | Date |
|-----|----------------------------------|-------------|------------|
| 1 | 1 week " PLC and SCADA" training | AMGOI | April,2024 |
| 2 | 1 Week CNC workshop | AMP, Vathar | Dec., 2011 |

➤ **Special Achievements: -**

1. Recognized as **Active SPOC** by Swayam-NPTEL for the JAN-APR 2024 semester.
2. Recognized as **Active SPOC** by Swayam-NPTEL for the JUL-DEC 2024 semester.

➤ **Departmental Responsibilities: -**

1. Ready Engineer Program Co-coordinator
2. Class Coordinator
3. Heat Transfer Lab incharge.
4. NAAC and NBA Cr.1

➤ **Other Experience/Responsibilities If Any: -**

1. PG Design Coordinator
2. NPTEL Central Coordinator
3. Social Media Coordinator
4. Central Marketing Coordinator. (Sanstha Level)
5. Yoga and Meditation Club In charge

➤ **Social Contribution If Any:-** Tree Plantation, Blood Donation,

➤ **Professional Membership If Any:-** Life member of ISTE (LM 111407)