

RANJIT Y. PAWAR

Mechanical Engineer/Asst. Professor

CONTACT ME

Phone

8850363037

Mail id

ranjit.pawar140@email.com

Address

Pune, Maharashtra

SKILLS

Proficiency in CATIA V5 and

AUTOCAD

Hands on ANSYS

Project Management

Work flow Analysis

Product Development

Technical support

Problem Solving Skill

Proper documentation work

Knowledge of Geometric

Tolerance

Technical Writing

PROFESSIONAL PROFILE

Result oriented professional with 10+ years of experience and a proven knowledge of computer aided engineering, design methods and product design. Aiming to leverage my skills to successfully fill the Design engineer role. I like to learn new approaches to grow in professional life along with the organization. Ability to quickly grasp any new technologies and concepts. Effective in working independently and collaboratively in teams. Experience of leading a team. Ability to handle a team and co-ordinate smooth delivery of assigned work. Problem solving capability peered with strong communication skills. Excellent analytical and documentation skills.

WORK EXPERIENCE

Assistant Professor

PDEA's College of Engineering, Manjari bk, Pune | July, 2017 – Present

- UGC approved Assistant Professor
- Applied innovative teaching methods to encourage student learning objectives.
- Mentored students and communicated internship and employment opportunities.
- Helped struggling students by providing support outside of classrooms and consistently checking in on progress.
- Planned, evaluated and revised course content and course materials.
- Worked as departmental in charge of IQAC cell.
- Worked as a college SPOC for SWAYAM NPTEL course.
- Appointed as central level In charge for documentation archive in NAAC process.
- Appointed as an In charge for NAAC CRITERIA 1 committee.

Lecturer

Government Polytechnic, Mumbai | Sep, 2011 – March, 2015

- Advised on department hiring actions to help build cohesive and successful lecturing team.
- Held weekly office hours to work with struggling students one-on-one and increase GPAs.
- Evaluated and revised lesson plans and course content to achieve student-centered learning.
- Actively participated in the process of course curriculum.

Maintenance and Service Engineer

Vijayshree Industry, Kolhapur | March, 2010 – Sep, 2010

- Developed process improvements to increase reliability and equipment performance.
- Worked frequently with mechanical and plumbing systems to complete knowledgeable inspections and skilled repairs.
- Visually inspected and tested machinery and equipment, performing routine preventive maintenance.
- Diagnosed and resolved machine operation variations and equipment problems.
- Cleaned and lubricated parts to keep equipment operating at peak performance.

CERTIFICATIONS

- AutoCAD, CATIA V5
- Certified Trainer by ASDC council in “CNC Programming and Operation”
- NPTEL Online Certificate awarded for Fluid Mechanics course in “ELITE” class with 73 % conducted by IIT Kharagpur.

HOBBIES

Reading
Travel
Dance
Listening to music
Sports

EDUCATION

Master of Engineering Mechanical – Heat Power

Feb, 2015

MCT's Rajiv Gandhi Institute of Technology – Mumbai

With Distinction Class – 8.28 CGPI

Bachelor of Engineering Mechanical Engineering

Aug, 2011

MCT's Rajiv Gandhi Institute of Technology – Mumbai

With a First Class.

12th, Science

June, 2005

D.G. Ruparel College of Arts, Science and Commerce – Mumbai

With a First Class.

PAPER PUBLISHED

- Ranjit Pawar, Atul Londhekar, ‘A comprehensive review on performance and emission characteristic of diesel engine running on Karanja (Pongamia pinnata) oil and diesel fuel blend, also the effect of pure hydrogen (H₂) – oxygen (O₂) mixture as additives to its blend’ in ‘International Conference on Eco- Friendly Technologies’ which is held at M.H. Saboo siddik College of Engineering, Byculla, Mumbai.
- Ranjit Pawar, Atul Londhekar, ”Investigation of karanja oil blends on CI Engine by enriched Hydrogen” has been published in International Journal of Advanced Technology in Engineering and Science, ISSN 2348-7550, Vol. No.2, Issue No.10, Oct.2014.

EXTRA CURRICULAR ACTIVITIES

- Appointed as an **Editorial board member** in **A R Research publication and conference World** for **2016-17**
- Successfully organized and appreciated by institute for leading, guiding and managing the workshop titled “HVAC Design and Drafting” in Oct 2018.
- Attended as well as worked as “**Event Head**” at the college Technical Festival **INNOVISION**.

FDP/Workshops Attended:

2021-22:

- One week national level FDP on “**Role of CFD in Engineering Application**” organized by Mechanical Engineering Department, M. E. S. College of Engineering, Pune from 03/01/2022 to 07/01/2022.
 - One week national level FDP on “**Qualitative & quantitative approaches for Quality Assurance through performance indicators in engineering institutions**” organized by PICT IQAC cell Centre of Innovative Teaching Learning during 2nd to 6th May, 2022.
 - One day online FDP on “**The other side of steam**” conducted on 24th May, 2022.
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2020-21:

- Two Days Workshop on “**Outcome Base Education**” organized by department of Mechanical Engineering, MGM College of Engineering and Technology, Navi Mumbai, during august 20-21, 2021.
 - Attended Three webinars in “International Webinar Series” held on 25th Sept. 2021. International webinar series bringing global engineers together.
 - Successfully attended a national level Faculty Development Program on “**Electric Vehicle-Future Scope and Challenges**” organized by Department of Mechanical Engineering, Dr. D. Y. Patil Institute of Technology, Pimpri, Pune-18 from 14th to 18th September 2021.
 - Participated in AICTE - ISTE Approved One Week Online Faculty Development Program On “**Dimensional Management As Per ASME Y. 14.5 Standards**” organized by Department of Mechanical Engineering, Smt. Kashibai Navale College of Engineering, Pune, conducted during 16th August to 20th August, 2021.
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Ranjit Y. Pawar