



Name: Mr.Suhas Udaysing Misal.

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Contact Details

HOD Mechanical Engineering

DKTE's Yashwantrao Chavan Polytechnic, R.S. No.644, Sangli Road, Near Adinath Housing Society, Ichalkaranji-416115

Qualification

- PhD (Pursuing) Mechanical Engineering from Shivaji University Kolhapur
- M.E in **Product Design development** from Shivaji University Kolhapur
- B.E in **Mechanical Engineering** from Shivaji University Kolhapur

Area of Expertise

- Mechanical Design and Development
- Advanced Manufacturing Techniques
- Machine Learning

Workshop / Training

- Completed one week Industrial Training at Adani Power Dahanu.
- Completed one week Industrial Training titled “CNC Tooling –Basic programing and manufacturing techniques with GDNT” sponsored by MSBTE.
- Completed One week faculty development program on Computer Aided Design using Solid Works conducted by IFS academy Pune.

NPTEL/SWAYAM COURSES

- Product Design and Development (Silver Medal)
- Manufacturing Processes Casting and Joining
- Brief Introduction to Psychology
- Accreditation And Outcome Based Learning
- Teaching and Learning in General Programs:TAL

Paper Publish

- *Suhas Udaysing Misal(2025) "Development of floating waste collector on river by using wireless connectivity" IARJSET, Volume 10,Issue 7*
- *Suhas Udaysing Misal, (2023). "To Study the Tensile Properties of Carbon Steel using UTM." IARJSET, Volume 10,Issue 6,Page no 101-105*
- *Suhas Udaysing Misal, (2023). "Inclined Aluminum Vertical Plate Experimental Investigation of Natural Convection Heat Transfer with V Shaped Fins Attached."Journal of Thermal Energy System MAT JOURNALS, Volume 8,Issue 1,Page no 24-29*
- *Suhas Udaysing Misal, (2020). "Performance Evaluation of Aluminum–Water (Al₂O₃–H₂O) Based Nano-fluid using with Shell and Tube Type Heat Exchanger" Journal of Thermal Energy System MAT JOURNALS, Volume 2,Issue 1,Page no 06-10*
- *Suhas Udaysing Misal, (2018). "MANUFACTURING OF COMPOSITE RADIATOR FAN." IJIRST, Volume 4,Issue 4,Page no 86-90*
- *Suhas Udaysing Misal, (2018). "CFD ANALYSIS OF COMPOSITE RADIATOR FAN WITH THREE, FOUR AND SIX BLADES." IJARSE, Volume 7,Issue 1,Page no 126-132*

Skills

- Proficient in modeling mechanical software such as CAD,CATIA Excellent written and verbal communication skills
- Proficient in programming languages such as JAVA and PYTHON
- Good Knowledge in Machine Learning and Data Science
- Strong analytical and critical thinking abilities
- Ability to work independently and collaboratively in interdisciplinary teams

Work Experience

- Working as Head of Mechanical Engineering at DKTE's Yashwantrao Chavan Polytechnic,Ichalkaranji Since 2015 (10 years of Experience)
- Worked as NBA department Coordinator
- Working as Management Representative for ISO 9001:2015
- Designed course syllabi, lesson plans, and assessment materials to meet learning objectives and ensure student engagement.
- Provided academic advisement, mentoring, and support to students to enhance their learning experience and academic success.
- Received positive feedback from students and peer evaluations for effective teaching methods and commitment to student learning.