

**Name:**

Dr. Ravindra Laxmikant Edlabadkar

**Designation:**

Associate Professor

**Contact Details:**

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**Educational Qualifications:**

- PhD (Mechanical Engineering), SPPU: Govt. COE, Pune (COEP), September 2009
- M. Tech (Mechanical-CAD/CAM) BVDU, Pune , 2015
- M.E. (Production), University of Pune(SPPU), Pune, May – 1996.
- B.E. (Mechanical), Amravati University (SGAU), Amravati, 1993
- M.M.S. Pune University 1997

**Experience:**

- Teaching – 25

**Research Interests:**

- Thermal Engineering, Heat Transfer, Fluid Flow, Mechanical Engineering

**Research Projects:**

- Optimization of Horizontal Base Heat Sink under Natural convection Heat Transfer (BCUD Funded Research Project) (Co-Investigator) (AY 2009-2011)
- Optimization of Vertical Base Heat Sink under Natural convection Heat Transfer (BCUD Funded Research Project) ( Principle Investigator) (AY 2009-2011)

**Field of Consultancy (Aspiring):**

- Thermal Engineering, Fluid Flow

**Number of Publications:**

International Journal : 06

National Journal : NIL

International Conference : 04

National Conference : 04

**Number of PhD students Guided: 03**

**Professional Society Memberships: 02**

- Fellow of Institution of Engineers, India (FIE) (F-124917-3)
- Life member of Indian Society of technical Education (LM26382)

**Number of FDPs / STTPs organized: 01**

**Number of Workshops organized: 01**

**Number of Conferences / Seminars organized: 02**

**Number of FDPs / STTPs attended: 07**

**Number of Workshops attended: 03**

**Number of Conferences / Seminars attended: 04**

**Number of Online Certification Courses done: 01**

**Number of times served as a Resource Person: 04**

**Number of times served as a Reviewer / Judge: 02**

**Details of Research papers published:**

- Journal Paper titled ' Performance evaluation of Coriolis mass flow meter in laminar flow regime at Elsevier Journal of Flow Measurement and Instrumentation, contents available at ScienceDirect, November 2020.
- Journal Paper titled ' Experimental studies on Pressure drop characterization of curved tube sections in laminar flow regime' at Journal of Thermal Engineering, Yildiz Technical University Press, Istanbul, Turkey, July 2020.
- Journal Paper titled ' Study of magnetic properties and mathematical model formation for transition temperature of Zr-Co substituted Calcium Hexaferrites' at Elsevier Materials Today Proceedings, 2018.
- International Conference Paper titled 'Numerical study of Pressure drop in curved tube configurations of Coriolis Mass Flow Meters in Laminar Flow Regime' at IMEC-19, NIT, Tiruchirappalli, Tamilnadu, India, December 2019.

- Journal Paper titled 'An overview of Coriolis Mass Flowmeter as a Direct Mass Flow Measurement Device' International Journal on Trends in Technology.ISSN:2455-0124 (Online) Volume 3, July 2016
- International Conference Paper titled 'Computational Analysis of Natural Convection with single Vtype partition plate' Eurotherm 2008, Eindhoven, Netherlands, May 2008
- International Conference Paper titled 'Natural convection heat transfer enhancement with single V-type Partition plate', 7 th ISHMT – ASME Heat and Mass transfer Conference, I.I.T., Guwahati, January 2006
- International Conference Paper titled 'Heat transfer enhancement with V-type fins under natural convection condition' , 5 th International Symposium on Multiphase flow, V-type fins under natural convection condition Heat and Mass transfer and Energy Conversion, Xi'an, China, July 2005

#### **Major Portfolios Handled: (college level and department level)**

- Incharge Principal, PVG COE & SSD IOM, Nashik
- Departmental Exam Coordinator
- Departmental Academic Coordinator
- Coordinator – Mechanical Engineering Research Centre, PVG COET, Pune
- Department Coordinator NAAC 2018
- Coordinator Departmental NBA 2007
- Coordinator Mechanical Engineering Student Association
- Coordinator BE Projects
- Staff Incharge- Fluid Mechanics and machinery (Turbo Machines) Laboratory
- Coordinator- SPPU LIC College Report
- Association (The Management of Unaided Engineering Colleges, Maharashtra) Representative for MH-ENG-ASSO-CET-2006
- Sr. Supervisor/Custodian at University of Pune Examinations
- Coordinator for Mechanical Engg. Dept. Additional Intake Proposal Program
- Assistant Director, TE CAP May-June 2010
- Staff Incharge- Annual National Level Event – Versatalia 2011
- Assistant Director, TE CAP May-June 2011

#### **Role in University Bodies....**

- Savitribai Phule Pune University (SPPU) recognized Guide for Ph. D in Mechanical Engineering.

- Former Member, Board of Studies, Faculty of Engineering, SPPU
- Former Member, Faculty of Engineering, SPPU
- Member of SPPU Staff Selection Committees and SPPU Local Inquiry Committees
- Resource Person for SPPU PhD Course work and PET