



Dr. Sudhakar Umale

Professor

Thakur College of Engineering, Kandivali (E), Mumbai

Former Head and Associate Professor

Mechanical Engineering Department

Sardar Patel College of Engineering

Andheri (W), Mumbai

Experience (38 Years)

- Teaching experience in Sardar Patel College of Engineering, Mumbai, Jan 2000 to Jun 2022
- Teaching experience in Bharti Vidyapeeth College of Engineering, Navi Mumbai, July 1997 to Jan 2000
- Teaching experience in Bharti Vidyapeeth Polytechnic, Navi Mumbai, Aug 1989 to July 1997
- Teaching experience in Govt Polytechnic, Pune, July 1988 to April 1989
- Teaching experience in V.V.V. Polytechnic, Warud, Amravati, Sep 1987 to June 1988

Education Qualifications

- Ph.D. in Material Science from VNIT - Nagpur, May 2015
- M.E. in Machine Design from SPCE, Mumbai, August 2001
- B.E. in Mechanical Engg. from Amravati University July 1987

Areas of Research

- I C Engine, Heat Transfer, Automobile Engineering, Ductile Cast Iron, Bio-Fuels, Combustion Engineering

Research Publications

| International Journal | International Conference | National Journal | National Conference |
|-----------------------|--------------------------|------------------|---------------------|
| 32 | 23 | 03 | 09 |

Research Guidance

| M. Tech./PhD Students | Ph.D. Students |
|-----------------------|-----------------|
| 43 / 1 | 02 (In Process) |

| Expert Lectures Delivered in FDPs / STTPs. | Courses Conducted and Coordinated in SPCE | FDPs / STTPs Attended |
|--|---|-----------------------|
| 184 | 14 | 88 |

Membership in Scientific and Professional Societies

- Life Member of ISTE (LM 18795)
- Life Member of ISNT (LM 6278)
- IET Membership Number 1100331128
- SAE INDIA Membership Number 7150510039
- Quality Circle Forum of India Membership Number (LM 049905116441)

Faculty Achievements/Awards:

- **Best Technical Paper Award 2015** by Indian Institute of Foundrymen
- **SAEINDIA GURU AWARD 2016-17**
- Received “**Innovative Dedicated Motivational Speaker Award**” from Council of Academic Research and Education Organization at World Award Convention 2023.
- **Governing Body Member of SAEINDIA Western section**
- **Ph. D. Supervisor** at Mumbai University.
- Worked as a **Jury for a paper presentation** at Symposium on International Automotive Technology (**SIAT 2019**) from 16 – 18 Jan 2019 in Pune
- Appointed as **Subject Board Expert in Board of Studies (BoS)** in Mechanical Engineering of Govt. Engineering College, Amravati, from Feb 2, 2019.
- Worked as a **Judge for evaluation of divisional level Rise Competition** of Mahindra and Mahindra conducted on **Aug. 29, 2019, and March 15, 2021**, at Kandivali Plant, Mumbai
- Working as **Advisory Committee Member in Student Convention SAEINDIA Western Section** from 21 Dec. 2020
- Received Gold Medal Award for Poster Presentation at International Exhibition INVENTCOR (15 -17 Dec. 2022) 3rd edition, at Deva, Romania on “Study of in-cylinder combustion pressure characteristics fueled with Methyl Ester for Split Injection with square and tangential piston with 0% and 10% EGR” on 17th Dec 2022.

Technical Judge, Session Chair, Reviewer, Editorial Board Member, and Organizing Committee Member in Technical Events, National and International Conference:

| Technical Judge | Session Chair | Reviewer | Editorial Board Member | Organizing Committee Member | Advisory Committee Member |
|-----------------|---------------|----------|------------------------|-----------------------------|---------------------------|
| 06 | 05 | 10 | 03 | 16 | 05 |