

**Dr. AKHILESH LODWAL**  
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**(A) ACADEMIC ACHIEVEMENTS (EDUCATION)**

- Ph.D. (Mechanical Engineering), Devi Ahilya University, Indore, Awarded in 2023  
Research Topic: “Modelling and Investigation for of Vibration Signature for condition based maintenance of Gearbox”
- Master of Engineering (ME) (Mechanical Engineering) Shri G. S. Institute of Science & Technology, Indore, India (Year-2005)
- Bachelor of Engineering (BE) (Mechanical Engineering) Government Engineering College Ujjain (Year-2002)

**(B) SUBJECT TAUGHT IN UNDER-GRADUATE AND POST GRADUATE LEVEL:**

1. Engineering Drawing
2. Strength of Material
3. Dynamics of Machine.
4. Mechatronics
5. Vibration and Noise Control.
6. Machinery Fault Diagnosis & Signal Processing (PG)
7. Material Science
8. Tribology (PG)

**(C) RESEARCH GUIDANCE & PUBLICATIONS:**

- Guided 15 (Twenty Five ) Under Graduate Projects (B.E.)
- Guided 21 (Twenty) Post Graduate Dissertation (M.E.)
- 02 (Two) Ph.D. Students registered under my guidance.
- 36 (Thirty Six) Research papers are published in different International / National Journals & International & National Conferences.

**(D) ADMINISTRATIVE ACHIEVEMENTS:**

- Working as a Faculty in Mechanical Engineering Department since Year 1997.
- Faculty Advisor of Different Automotive Events under working under Student Chapter SAE Collegiate Club IET DAVV Since 2014 in Mechanical Engineering Department.
- Worked as OSD in DAVV Examination from July 2023 to July 2025

**(E) FUNDED RESEARCH PROJECTS & GRANTS**

- ANRF–PAIR Network Project (₹46 Lakh Grant to Project from IIT Indore)  
Project Title: SAKSHAM  
Theme: Advanced Materials  
Role: Co-Principal Investigator (Spoke – DAVV)

**(F) PROFESSIONAL MEMBERSHIPS**

- Life Member: Institution of Engineers (India)
- Corporate Member: SAE INDIA