

FACULTY PROFILE



Dr. Rajesh M. Metkar

Associate Professor

Department of Mechanical Engineering

Government College of Engineering,

Amravati (M.S.) 444 604

Mobile: 9975497452/8830186693

Email: rajeshmetkar@gmail.com/ metkar.rajesh@gcoea.ac.in

Educational Qualification

Ph.D. (Mechanical Engineering)- Amravati University- 2013

M.Tech (Machine Design)- V.N.I.T. Nagpur- 2002

B.E. (Mechanical Engineering) – Amravati University- 1997

Advance FEA/FEM- Central Institute of Tool Design, Hyderabad- 2004

Experience (18 Years Teaching & 4 Years Industrial)

Associate Professor, Department of Mechanical Engineering Government College of Engineering, Amravati since 16 Dec 2018

Associate Professor, Department of Mechanical Engineering, Government College of Engineering, Jalgaon 05 Jan 2018 to 15 Dec 2018 (MPSC Selected)

Assistant Professor, Government College of Engineering, Amravati from 30 Dec 2010 to 04 Jan 2018 (2nd Merit position in Maharashtra Public Service Commission for the post of Assistant Professor)

G.H.Raisoni College of Engineering, Nagpur from 07 August 2003 to 29 Dec 2010

B.N.College of Engineering, Pusad from 23 Sept 2002 to 30 April 2003

Jayaswals Neco Limited from 05 August 1999 to 22 Sept 2002

Membership Institutes:

Indian Society for Technical Education (ISTE)-LM54449

Indian Institute of Industrial Engineering (IIIE)- LM 10913(1)

Short Term training Programs attended: 27

FDP/ STTP/Workshops and Seminar organized: 07

Publications:

International Journal: 24 (Elsevier, ASME, SAE, Springer, Taylor & Francis)

Book Chapter: 05

National Conference: 05

International Conference: 18

Google Scholar citation: 251

I10 index: 08

H Index: 08

MOOCS Online courses: 1) Design Practice II- IIT Kanpur

2) Product Design and DEVELOPMENT-IIT Roorkee

3) Computer Integrated Manufacturing- IIT Kanpur

4) Rapid Manufacturing- IIT Kanpur

Research Supervisor:

Ph.D. Supervisor in Mechanical Engineering, Sant Gadge Baba Amravati University, Amravati, Notification No 34/2015, dated 15/04/2015, Sr. No 38.

ME by Research Supervisor- Mechanical Engineering- RTM Nagpur University, Nagpur, Notification No:Ph.D(Cell) /RRC/Guide/1265/B/1990 dated 29.11.2010

Ph.D.Thesis Guidance: 04 (ongoing)

M.Tech. Dissertation Guided: 17

B.E.Project Guided: 21

Research & Development:-

- a) Submitted Research Promotion Scheme Proposal to AICTE of **17.50 Lac** towards developing Research facility in the area of Fatigue Analysis- In process
- b) Instrumental in preparation of proposal for Industry Institute partnership cell, for which AICTE grant of Rs **6.5 Lacs** was received.
- c) A Research grant of **Rs 11.85 Lac** was sanctioned for Innovation & Entrepreneurship Development Centre (IEDC) Funded by EDC Cell, DST, New Delhi under which a project on Car Suspension System was fabricated for which Rs one Lac grant was sanctioned from received fund.
- d) Received **Travel grant from SERC, DST**, Govt of India for attending International Conference on Fracture Mechanical organized by Elsevier, UK from 02 July to 04 July 2012 at Netherland

REVIEWER: INTERNATIONAL JOURNAL

- 1) The International Journal of Medical Robotics and Computer Assisted Surgery (Wiley, USA)
- 2) Engineering Failure Analysis (Elsevier, UK) ISSN: 1350-6307
- 3) Materials and Design ((Elsevier, UK) ISSN: 0264-1275
- 4) "International Journal of Automotive and Mechanical Engineering (IJAME) ISSN: 2229-8649 (University of Malaysia)
- 5) The "International Journal of Engineering Sciences and Management" (ISSN: 2231-3273)
- 6) Journal of Petroleum Technology and Alternative Fuel (Academic Journal, Mauritius) ISSN: 2360-8560

Area of Interest:

- Fatigue & Fracture
- Additive Manufacturing
- Finite Element Analysis
- CAD/CAM