

PROF. Pardeshi M. R.

Assistant Professor

Dept. of Mechanical Engineering,
K. K. Wagh Institute of Engineering Education
and Research, Nashik. 422003.

E-Mail: mrpardeshi@kkwagh.edu.in,

mohan.pardeshi@gmail.com

Mobile: +91-8275590163

M. Tech Machine Design,

Professional Experience- 10 Years 06 Month



PROFESSIONAL EXPERIENCE

Organisation : K. K. Wagh Institute of Engineering Education and Research, Nashik. **(Pune University)**

Designation : Assistant Professor

Duration : (01 Aug. 2009 to till date) **10 Years 06 Months**

Responsibility: Subject Taught in Academic (Hydraulics and Pneumatics, Mechanical System Design, Metrology and Quality Control, Basic Mechanical Engineering, Industrial Engineering, Involved in NBA, NAAC, Facilitation Centre, College Admission Duty, University Exam duty, Project and Seminar Guide.

SCHOLASTICS

2011 **M.Tech.** in **Machine Design and Robotics** from NRI Institute of Information Science and Technology (NIIST) Bhopal Gujarat with scored 8.73 CGPA (1st Class with Distinction).

2008 **B.E.** in **Mechanical Engineering** from Sir Vishveshvsraya Institute of Technology Chincholi Nashik, Pune University, Maharashtra with scored 67.80 % (1st Class with Distinction).

2003 **Diploma** in **Mechanical Engineering** from K.B.H.S.S.Trust's K.B.H. Polytechnic, MSBTE Board, Maharashtra with scored 66.80 % (1st Class).

2000 **Matriculation** from Nashik Board, Maharashtra with scored 66.75% (1st Class).

RESEARCH PUBLICATIONS

TOTAL PAPER PUBLISHED: 4

Paper Published in International Journals: 02

- 1) **M. R. Pardeshi.**, Dr. P. K. Sharma., Stress Analysis of Finite Plate With Elliptical Hole, A R DIGITECH International Journal of Engineering, Education and Technology, (ARDIJEET) ISSN 2320-883X Volume 2 Issue 2, **1st April 2014.**
- 2) M. R. Pardeshi., Dr. P. K. Sharma., Vibration Analysis of E-Glass Fibre Resin Mono Leaf Spring Used in LMV, International Journal of Advanced Technology in Engineering and Science, Volume No.02, Issue No. 05, **May 2014.**

Paper Published in International Conferences: 02

- 1) **Pardeshi Mohansing.**, Bhandare Ramesh., "Performance of Misaligned Hydrodynamic Journal Bearing in Turbulent Regime", International Conference on Advances in Tribology (ICAT - 2014), Abstract Id 189, at NIT Calicut, Kerala, India.
- 2) **Pardeshi Mohansing.**, Chinmay Pandharipande., "Study and Analysis of wear Plate Material for sliding Mechanism of Drill Rig" International Conference on Tribology (IndiaTrib - 2019), Abstract Id TSI 19239, at IISC Bangalore, Karnataka, India.

Paper Published in National Conferences: 01

- 1) **Pardeshi M. R.**, Rushikesh Chavan., Shubham Chauk., Yashpal Borse, 'Study of different hammer hardening Automation Techniques' in Emerging Trends in Mechanical Engineering (ETiME) Organised By Mechanical Engineering Dept. K. K. Wagh Institute of Engineering Education and Research, Nashik, During **22nd to 23rd March 2018.**

WORKSHOPS/STTP/SEMINARS

- ⇒ Attended One Day Workshop on '**Syllabus Implementation for the subject Design of Machine Elements- II T. E. 2015 Course**' Conducted by Board of studies, Mechanical Engineering, Savitribai Phule Pune University Pune held at K. K. Wagh Institute of Engineering Education and Research, Nashik, During **08th Jan. 2018.**
- ⇒ Attended One week STTP on '**Industrial Tribology**' AICTE approved (under QIP), organized by Mechanical Engineering Department, Veermata Jijabai Technological Institute (VJTI), Mumbai, India, **During 11th to 15th Dec. 2017.**
- ⇒ Remote Centre Co-ordinator for Conduction of Two Weeks Faculty Development Program (FDP) on '**Foundation Program in ICT for Education (FDP101x)**' Conducted by IIT Bombay held at K. K. Wagh Institute of Engineering Education and Research, Nashik, **19 and 20 Aug. 2017.**
- ⇒ Remote Centre Co-ordinator for Conduction of Two Weeks Faculty Development Program (FDP) on '**Padalogy for Online and Blended Teaching-Learning Process (FDP201x)**' Conducted by IIT Bombay held at K. K. Wagh Institute of Engineering Education and Research, Nashik, **16-17 Sept. And 7-8 Oct.2017.**
- ⇒ Remote Centre Co-ordinator for Conduction of Two ISTE Workshop Faculty Development Program on '**Electric Power System**' Conducted by IIT Kharagpur held at K. K. Wagh Institute of Engineering Education and Research, Nasik, **12th June, 2017 to 15th July, 2017.**
- ⇒ Attended Workshop on '**One Day Syllabus Implementation Workshop**' for T. E. Mechanical 2015 Course Conducted by Board of studies, Mechanical Engineering, Savitribai Phule Pune University Pune held at GES's R. H. Sapat College of Engineering, Management Studies and Research, Nashik-05 During **, 19th June., 2017.**
- ⇒ Remote Centre Co-ordinator for Conduction of Two ISTE Workshop Faculty Development Program on '**CMOS, Mixed Signal and Radio Frequency VLSI Design**' Conducted by IIT Kharagpur held at K. K. Wagh Institute of Engineering Education and Research, Nasik, **30th Jan. To 4th Feb., 2017.**

- ⇒ Attended Two Day State Level Workshop on '**Mechanical Engineering Design: Trends and Practices**' Sponsored by Savitribai Phule Pune University held at K. K. Wagh Institute of Engineering Education and Research, Nasik, **27th and 28th Jan., 2017.**
- ⇒ Participated in Two Day's Course on '**Basic Course on ANSYS CFD**' Conducted By K. K. Wagh Institute of Engineering Education and Research, Nasik, From **08th March To 09th March, 2016.**
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- ⇒ Remote Centre Co-ordinator for Conduction of Two ISTE Workshop Faculty Development Program on '**Environmental Studies**' Conducted by IIT Bombay held at K. K. Wagh Institute of Engineering Education and Research, Nasik, **02nd to 12th June 2015.**
- ⇒ Attended One Day Workshop on '**Syllabus Detailing of Subject Design of Machine Elements –II 2015 Course**' Conducted by Board of studies, Mechanical Engineering, Savitribai Phule Pune University Pune held at Mechanical Engg. Dept., of JSPM's RSCOE Tathawade, Pune-33, **08th Nov., 2016.**
- ⇒ Attended One Day Workshop on '**Syllabus Detailing of Subject Design of Machine Elements –I 2015 Course**' Conducted by Board of studies, Mechanical Engineering, Savitribai Phule Pune University Pune held at Dr. D.Y. Patil Institute of Engineering and Technology, Pimpri Pune, **7th Nov., 2016.**
- ⇒ Attended One Day Faculty Development Workshop on '**Finite Element Analysis Using Ansys and Matlab**' in association with Dept. Of Mechanical Engg. Guru Gobind Singh College of Engg . and Research Centre, Nashik.,on **3rd Feb., 2016.**
- ⇒ Remote Centre Co-ordinator for Conduction of Two ISTE Workshop Faculty Development Program on '**Introduction to Design of Algorithms**' Conducted by IIT Kharagpur held at K. K. Wagh Institute of Engineering Education and Research, Nasik, **27th April to 30th May, 2015.**
- ⇒ Attended Two Weeks ISTE Workshop on '**Engineering Thermodynamics**' Conducted by IIT Bombay held at K. K. Wagh Institute of Engineering Education and Research, Nashik, **11th – 21st Dec, 2012.**
- ⇒ Attended One week STTP on '**Fault Diagnosis Using Mechanical Vibration and NVH in Rotating Machines**' sponsored by ISTE, New Delhi, held at Sandip Institute of Technology and Research Center, Nashik, Maharashtra, India, **During 11th to 15th April 2016.**
- ⇒ Attended Two Days Training on '**Training In Industrial Automation**' Conducted by Teknocrat's Academy of Automation and Control Technology (TAACT) held at K. K. Wagh Institute of Engineering Education and Research, Nashik, **19th – 21st Aug., 2015.**
- ⇒ Remote Centre Co-ordinator for Conduction of Two ISTE Workshop Faculty Development Program on '**Control Systems**' Conducted by IIT Kharagpur held at K. K. Wagh Institute of Engineering Education and Research, Nasik, **02nd to 12th Dec. 2014.**
- ⇒ Attended One week STTP on '**Modeling and Simulation of Dynamical Systems**' (under QIP), organized by Indian Institute of Technology Roorkee (IIT Roorkee) Mechanical and Industrial Engineering Department, Roorkee, India, **During 30th Dec. 2013 To 03rd Jan. 2014.**
- ⇒ Attended Two Days Training on '**Training In Industrial Automation**' Conducted by Teknocrat's Academy of Automation and Control Technology (TAACT) held at K. K. Wagh Institute of Engineering Education and Research, Nashik, **22nd – 24th Aug., 2013.**

TEACHING PAPERS

Paper Name	Pattern Name	Academic Year
Industrial Fluid Power	B.E.- 2008, 2012 Course, 2014 Course, 2015	2009-2010, 2010-2011, 2011-2012, 2012-2013, 2013-2014, 2014-2015.
Basic Mechanical Engineering	B.E.- 2008, 2012, 2015	2011-2012, 2012-2013, 2016-2017.
Fluid Mechanics	S.E.- Mechanical 2008 Course.	2016-2017.
Design of Machine Elements- I	T.E.- 2008,2012	2009-2010, 2013-2014.
Metrology and Quality Control	T.E. 2015 Course	2017-2018
Skill Devolopment	T.E. 2015 Course	2018-2019
Hydraulics and Pneumatics	T.E.- 2012 Mechanical	2014-2015, 2015-2016
Hydraulics and Pneumatics	B.E.- 2015 Mechanical	2018-2019
Industrial Engineering	B.E.- 2012 Mechanical	2016-2017, 2017-2018
Mechanical System Design	B.E.- 2012 Mechanical	2017-2018
Mechanical System Design	B.E.- 2015 Mechanical	2018-2019, 2019-2020

ACADEMIC PROJECTS

Title : **Experimental Stress & Vibration Analysis of E-Glass Epoxy Resin Composite Mono Leaf Spring Used In Light Motor Vehicle (M.Tech. Project)**

Organisation : NRI Institute of Information Science and Technology (NIIST).

Duration : 2013 – 2014

Guided By : Dr P.K. Sharma

Title : **Design & Manufacturing of Stamping Machine (B.E. Project)**

Organisation : Premium Tools Pvt. Ltd. MIDC, Satpur, Nashik.

Duration : 2007 – 2008

Guided By : Prof. V. M. Palhe

Title : **Simple Screen Printing Machine (Diploma Project)**

Organisation : K.B.H.S.S.Trust's K.B.H Polytechnic, Malegaon, Nashik, Maharashtra

Duration : 2002 – 2003

Guided By : Prof. Baranth

KNOWLEDGE PREVIEW

- ⇒ Main Subjects during **M. Tech.** Course Period: Industrial Tribology, Fluid Film Lubrication, Principle of Design of Process Equipment, Advance Machine Design, Finite Element Methods.
- ⇒ Main Subjects during **B.E.** Course Period: Machine Design, Theory of Machine, Strength of Material.

IT SKILL SET

- ⇒ **Programming language** : Turbo C, C++
- ⇒ **Modelling Tool** : Auto Cad (Autodesk2017)
- ⇒ **Analysis Tool**: Automation Studio.

EXTRA CURRICULUM

PERSONAL VITAE

Date and place of Birth: 20th Aug. 1984, Jalna (Maharashtra)

Nationality : Indian

Linguistic Abilities : English, Hindi & Marathi.

Marital Status : Married

Permanent Postal Address:

Prof. Pardeshi M.R.

Flat No. 5, A-Wing, Shivkian Apartment,

Near Savata Mali Garden, Kathe Nagar,

Dwarka, Nashik.

Dist – Nashik, State – Maharashtra,

Pin Code- 422011.