



CURRICULUM VITAE

Personal Details

Name	Pardeshi Mohansing Rameshsing
Date of Birth	20th Aug. 1984
Permanent Address	Flat No. 104, Ramrajya Hills, Shivalay Colony, Pangre Mala, Nashik. Dist – Nashik, State – Maharashtra, Pin Code- 422009.
Mailing Address	Mechanical Engineering Department, K. K. Wagh Institute of Engineering Education and Research, Hirabai Haridas Vidyanagari, Amrutdham, Panchavati, Nashik-03
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Educational Qualifications

Degree / Certificate	Board/University	Institution	Year	Aggregate Score(CPI/%age)
PhD (Pursuing)	Savitribai Phule Pune University Pune	Amrutvahini College of Engineering Sangamner	Admission Year 2023	--
M. Tech (Machine Design)	Rajiv Gandhi Technological University	NRI Institute of Information Science and Technology, Bhopal	June 2014	8.73/10
B. E. (Mechanical Engineering)	PuneUniversity	Sir Visveshvaraya Institute of Technology Nashik	Feb. 2009	67.73
Diploma	MSBTE Mumbai		March 2003	67.44

		KBH SSTrust K.B. H. Polytechnic Malegaon Nashik		
S.S.C.	Pune Board	V. B. V. K. Kalwadi, Malegaon	March 1999	66.75

Experience

***K.K. Wagh I. E. E. & R.,
Amrutdham, Panchavati,
Nashik***

Worked as lecturer in Department of Mechanical Engineering from August 2009 to October 2010 (01 Year).

Working as Assistant professor in Department of Mechanical Engineering since October 2010 to Till Date (15Years)

Workshops and Trainings attended

- Attended Six days Atal Academy Faculty Development Program on “**Innovations in Additive Manufacturing for Green and Sustainable Future**” at Dhanalakshmi Srinivasan College of Engineering and Technology, Mamallapuram – 603104, Tamilnadu during 25th August to 30th August 2025.
- Attended Six days Atal Academy Faculty Development Program on “**3D Printed Composites: Materials, Technologies, and Applications**” at Maharshi Karve Stree Shikshan Samstha's Cummins College of Engineering for women from 06/01/2025 to 11/01/2025.
- Attended Six Months AICTE sponsored QIP PG certificate programme on "**3D Printing and Additive Manufacturing**" at Indian Institute of Information Technology Tiruchirapalli (IIIT Trichy) Tamilnadu. During July to December 2024.
- Attended six Day STTP on “**Exploring Perspectives of AI & ML in Mechanical Engineering**” at K.K.Wagh Institute of Engineering education and Research Nashik During 27th Nov. 2023 to 02nd Dec. 2023.
- Attended one week FDP on **CFD using ANSYS Fluent and Multi-body Dynamics** at K.K.Wagh Institute of Engineering education and Research Nashik During 13th March 2023 to 17th March 2023.
- Attended six Day STTP on **Role of Artificial Intelligence, Machine Learning & Data Science in Emerging Trends of Mechanical Industries** at Zeal College of Engineering and Research Pune During 23rd Jan 2023 to 30th Jan. 2023.

- Attended six Day STTP on '**Elements of Smart Manufacturing**' Conducted by IIT Madras, During 15th Feb. To 20 Feb. 2021.
- Attended six Day STTP on '**Learner Oriented Teaching Methods**' Conducted by IPS College of Technology and Management, Gwalior, Madhya, During 10th Feb. To 16 Feb. 2020.
- Attended six Day STTP on '**Advanced Techniques in Modeling and Analysis for Materials and Manufacturing Process**' Conducted by VNRVJIET, Hyderabad, during 14th Dec. To 19 Dec. 2020.
- Attended six Day Workshop on '**Composites : Fracture Toughness, NDE and Failure Analysis**' Conducted by Mahatma Education Society's Pillai HOC College of Engineering & Technology, Rasayani, During 14th Dec. To 19 Dec. 2020.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.

Workshops and Trainings organised

- 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.
- 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.
- 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.
- 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.
- 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.

Conferences and Publications

TOTAL PAPER PUBLISHED: 16

Paper Published in International Journals: 09

- 1) Pankaj Beldar, Mohansing Pardeshi, Rahul Rakhade, Nivrutti Patil, "**Enhancing Precision in Centrless Grinding: An Application of Lean Six Sigma for Minimizing Rework and Improving Overall Performance**" Sigma Journal Of Engineering and Natural Science YTUJENS-2025-782.
- 2) Mohansing Pardeshi, Pankaj Beldar, Keshav Nandurkar, Vishnu Wakchaure "**Enhancing Mechanical Performance and Efficiency in Quad Bike Fixtures through Fused Deposition Modeling Optimization**" Sigma Journal Of Engineering and Natural Science YTUJENS-2024-1289
- 3) Pankaj Beldar, Mohansing Pardeshi, Rahul Rakhade, Shilpa Mene "**Analysis of Clusters with Indian Patent data using different word embedding techniques**" Journal of Survey in Fisheries Science E-ISSN: 2368-7487 in December 2023.

- 4) Rakhade Rahuk, Pardeshi Mohansing “**Selection of 3D Printer for Innovation Centre of Academic Institution Based on AHP and TOPSIS Methods**” International Journal for Research in Applied Science & Engineering Technology paper ID: IJRASET39638, Volume 9, Issue XII, December 2021.
- 5) Rakhade Rahul, Pardeshi Mohansing International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES) “ Paper ID#:150420201949 Published in IJTIMES, Volume 07 Issue 04, April.2021
- 6) M. R. Pardeshi., Aniket Khade., **Semi Automatic Painting Machine for Door and Flat Sheets**, Volume 2 Issue VII July 2020,
- 7) M. R. Pardeshi., Bhandare Ramesh V., **Reduction of cycle time of an electro hydraulic circuit used in an automated rod both ends chamfering SPM by simulation and PLC**, Volume 3, Issue V, May 2016.
- 8) 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.
- 9) 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: 04

- 1) Pardeshi Mohansing, Dr. K.N. Nandurkar, Dr. P.J. Pawar, A Ravindran, C. Velmurugan “**Optimization of Mechanical Properties for Fused Deposition Modelling Process Parameters Using Taguchi Method**” at International Conference on Engineering Innovation for Sustainable Future at K.K.Wagh Institute of Engineering Education and Research Nashik Maharashtra During 6th to 7th Jan 2025.
- 2) Pankaj Beldar, Vishal Galande, Rohit Bhaskar, Mohansing Pardeshi, Rahul Rakhade, 4th International Conference on Innovation in Engineering and Technology (NCIET 2024) “**Experimental Study on Mechanical Properties of Glass and Jute Reinforced Composites** ” at AISSM Collage of Engineering Pune Maharashtra During 13August 2024.
- 3) 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.

- 4) 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.

Paper Published in National Conferences: 03

- 1) Rakhade Rahul, Pardeshi Mohansing, Patil Nivrutti “**Selection of Best 3D Scanner for Innovation Centre of Academic Institution Based MADM Methods**” at International Conference on Science, Technology & Sustainability (ICSTS – 2022) Maulana Mukhtar Ahmad Nadvi Technical Campus, Malegaon Dist. Nashik (India) Pin 423203
- 2) Patil Nivrutti, Pardeshi Mohansing Rakhade Rahuk “**Design and Modification of A-Arm in Suspension System In ATV**” at International Conference on Science, Technology & Sustainability (ICSTS – 2022) Maulana Mukhtar Ahmad Nadvi Technical Campus, Malegaon Dist. Nashik (India) Pin 423203.
- 3) 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.

Awards

- **Gandhian Young Technological Innovation Awards (GYTI) – 2016** under project title : **Automatic Sugarcane Juicer** and Felicitation by the hands of Dr. R. A. Mashelkar, Chairperson, National Innovation Foundation, India at the Auditorium, Rashtrapati Bhavan, New Delhi.

Copyrights and Patents

- Title is “**Quad Design Report**” under the class of work is literary/ dramatic work quad design report with registration number L-146636/2024
- Applied for the patent under the title of “**Four Wheel Steering System for ATV with Variable Turning Radius**” with application number and reference number is 202421007887 TEMP/E-1/8569/2024-MUM

Academics and other department work

- Courses taught: Quality and Reliability, Industrial Engineering, Mechanical System Design, Hydraulics and Pneumatics, Metrology and Quality Control
- In-house project guidance to final year students in the field of Machine Design and Automation.

- Lab In-charge of Modelling and Simulation laboratory.
- Faculty advisor for Team Bramhastra Quad under K.K. Motors Sports Club.
- Worked as Deputy Controller of Examination (Autonomy) from 2020 to Sept. 2023
- Working as an Admission co-ordinator for Mechanical Engineering Department.
- Working as a Nodal Center Co-ordinator working under the ABC NAD Portal for the Institute.
- Working as a Remote Center Co-ordinator for the Institute.