

STAFF PROFILE



Mr. Pankaj Vinayak Dorlikar

Assistant Professor

Mechanical Engineering

pvdorlikar@aitpune.edu.in

Date of Joining
01/08/2005

Nature of Appointment
Regular

Educational Details

Qualification	Degree	University	Grade	Year
PG	M.Tech [Design of Mech. Eqpt.]	Indian Institute of Technology, Delhi	7.31CGP A	1999

Areas of Interest

Machine Design, Product Design, Ergonomic Design (of Tools and Equipment), Biomimetics, Biomechanics, Mobility Mechanisms, Robotics, Multi-Body Dynamics, Finite Element Analysis (and Methods), Computational Fluid Dynamics, Fluid- Structure Interaction, Multi-Physics Co-simulations

Project Topics:

Special Purpose Machines for Automation, Mobile Robots (Wheeled, Tracked, Legged and Hybrid), Autonomous Vehicles (UAV, MAV, AUV) for mobility on/in Land, Air and Sea (Fluid), eVehicles (2/3/4 wheeled), Artificial Limbs and Prosthetic, Safety Devices

New Domains:

Artificial Intelligence (AI), Virtual Reality (VR), Augmented Reality (AR), Wearable Computing

Experience Details

Total : 13.70 years	Teaching : 13.70 years	Research : 0.00 years	Industry : 0.00 years
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Type	Duration/ Period	Designation/ Organisation Name	Brief Job Profile
Educational	12.00 Years 11	Asst. professor Army Institute of Technology, Pune	
Educational	1.00 Years	Lecturer Rajarshi Shahu College of Engineering, Tathawade, Pune	
Educational	0.70 Years	Lecturer College of Engineering, Pune	

Books

1. R. B. Patil, Pankaj Dorlikar, (2007). *CAD/CAM and Automation*. Tech-Max Publications, pune-411009. ISBN/ ISSN No : 978-93-5224-071-5.

Research Grants

Title Of Project	Funding Agency	Duration	Sanctioned Amount	Role of Investigator

Consultancy

Title Of Project	Funding Agency	Duration	Sanctioned Amount	Investigator Role

Professional Memberships

Society	Membership No	Duration
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Achievements/ Contribution

Year	Details
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No of PhD Students Guided : 0 No of PG Students Guided : 0
No of PhD Awarded Students : 0