



RESUME

Mr. Neeraj Prakash Kulkarni

Email Id.: neerajprakashkulkarni6366@gmail.com,pl

Mobile no. +918888966366/ 8830882067

Career Objective:

I would like to be a part of an organization where I could use and enhance my knowledge and talent for the development of both the organization and myself.

Academic Details:

Class	Name of Institute	Name of University	Percentage	Year of Passing
PhD	JSPM, Tathawade	Savitribai Phule Pune University	Pursuing (Admission 2021-22 batch)	-----
M.B.A	Vivekanand college, kolhapur	YCMOU	9.21 (up to 3 rd sem)	-----
M.Tech Machine Design	Gogte Institute of Technology (VTU)	Visvesvaraya Technological University	9.42 CGPA (GOLD MEDALIST)	2019
BE Mechanical	Sanjeevan Engineering Technology Institute	Shivaji University	72.82%	2017

Experience: 3.5 Years

- Currently working as an Asst. Professor in the Mechanical Department at **Dr. Babasaheb Ambedkar Technological University**, Lonere, Raigad from 27/01/2021 to till date.
- Asst. Professor in **Sanjeevan Engineering Technology Institute**, Kolhapur – 27/09/2019 to 28/09/2020

Patent Detail:

- “A System for heat transfer enhancement through liquid jet impingement by modification in target surface” on 12-01-2022 Application No. 202221001816 In **German patent**. And Indian Patent published on 03/02/2023 Application number: 202221001816 Journal Number 5/2023

- IOT BASED AUTOMOBILE VEHICLE SPEED DETECTION AND CONTROL Indian Patent published on 26/04/2023 Application Number : 202341030541 In Indian Patent.

3rd Party Auditor Detail:

- Working as Third Party auditor for “ **Procurement of QR vehicle and Fire Fighting Vehicle with necessary attachment**” for Mangaon Nagarpanchayat, Mangaon. Raigad.
- Working as Third Party auditor for “ **kal rivers crematorium situated in Mangaon Nagar Panchayat territory** ”
- Working as Third Party auditor for “ **Fitness of PALANE in the Chabina Festival “ Mahad Raigad.**

Project Details:

- I. **Ph.D. Project:** An Autonomous camouflage color adaptive robot with an aerial drone targeting, enemy threat detection, and automated shooting using AI.
- II. **PG Project:** Intelligent Modular Robotic Vehicle for Defense and Disaster Management.
- III. **UG Project:** Final Year Project On “Android Controlled/Remote Controlled Mine Detecting Robotic Vehicle with Explosion Alert and Real-Time FPV.”

Paper Publications and Reviewer:

- Design and Analysis of a Robotic Camouflage Vehicle for Unauthorized Person Detection Journal of Field Robotics.manuscript number is ROB-23-0213.(**Under Process**)
- Review of Robotic Vehicle used for Defense and Disaster Management Section A-Research paper ISSN 2063-5346 Eur. Chem. Bull. 2023, 12 (Si6), 5668 – 5675
- Design and Fabrication of Forklift for Material Handling or MSME International Journal of Mechanical Handling and Automation Volume 8, Issue 2, 2022 DOI (Journal): 10.37628/IJMHA
- REVIEW ON ROBOTIC VEHICLE FOR DEFENCE AND DISASTER MANAGEMENT International Conference on Emerging Areas in Science,Technology–2023 (ICEAST2023) – In Collaboration with ICT Academy
- Equipment for Automatically Painting Walls International Journal of Mechanical Dynamics & Analysis Volume 8, Issue 1, 2022.

- Experimental Study on Heat Transfer Enhancement in Solar Air Heater By Using Semi-Circular Conical Roughness Geometry International Journal of Thermal Energy and Applications, Volume 7, Issue 2, 2021 DOI (Journal): 10.37628/IJTEA
- Voice Control Wheel Chair with Health Monitoring System Journal of Mechatronics And Automation SMT Journal, ISSN: 2455-1988 Volume 8, Issue 2, 2021.
- Intelligent Robotic Vehicle For Defense And Disaster Management, Journal Of Mechatronics And Automation SMT Journal, Volume 6, Issue 2 ISSN: 2455-1988.

FDP Details:

- One Week AICTE Recognized Faculty Development Programme National Institute of Technical Teachers Training and Research Chandigarh on AICTE Recognized Faculty Development Programme 22/05/2023 to 26/05/2023 .
- Three days Faculty Development Program On “LabVIEW for Engineers” from 26th May 2023 to 28th May 2023, organised by Department of Mechanical Engineering of Pune Vidyarthi Griha’s College of Engineering and Technology & G. K. Pate (Wani) Institute of Management, Pune.
- Two days National level workshop “Internship: An effective tool to create industry ready professionals “ organized by MIT Academy Engineering , Alandi IDI, Pune .
- Two days Hands on faculty development program on "Recent trends on automation and robotic" organized by RSCOE collaboration with IEEE
- National Level One Week Online on “**Introduction to Outcome Based Education and Enhancing Quality of Teaching Learning Process**” at Govindrao Wanjari College of Engineering & Technology, Polytechnic, Nagpur.
- National Level One Week Online on “**ICT Tools for effective teaching learning**” at Kamla Nehru Mahavidyalay , Nagpur.
- Three days ‘**Train the Trainer**’ program on “**Industrial Applications of Fluid Power**” at Gogte Institute of Technology.
- One Week Online Faculty Development Programme (FDP) on “**Future Perspective of Non-Conventional, Renewable & Clean Energy Resources**” at Sanjeevan Engineering and Technology Institute, Panhala.

Responsibility

- Co-cordinator in NAAC
- Co-cordinator in NEET 2023 exam
- Coordinator in conducting industrial visit
- Coordinator mechanical department for 75 @ Azadi ka amrut Mohatsav
- Coordinator mechanical department for BAHU in Indore

- Coordinator mechanical department to create Youtube channel for dbatu mechanical <https://www.youtube.com/@dbatumechanical2319>
- Co-cordinator in Training and Placement

Subject :

- Strength of Materials
- Machine Design I
- Product design Engineering
- Material Science and metallurgy
- Engineering Graphics
- Energy and Environment Engineering

Project guided :

- Final year project 2022-23 , number of students 5
- TPCS project year 2022-23 Mechanical Sorting Machine , Number of students 5
- Final year project 2021-22 Automated Wall Painting Machine , number of students 5
- TPCS project year 2021-22 UV Document Sterilizer and Mechanical alarm , Number of students 6

Industrial Training:

Company: ADITEK. Uchgaon Kolhapur.

Post Held: Industrial Trainee **Period:** 3June 2016 – 17 June 2016

Company: ORIONE HYDRAULICS PVT. Belagavi.

Post Held: Industrial Trainee **Period:** 17 July 2018– 22 September 2018

Company: TURBO ENERGY SYSTEM, Shirol M.I.D.C, Kolhapur.

Post held: Industrial Trainee **Period:** 26sept. 2018 – 20 November 2018

Other Certificates:

- Certificate of Mentor State Inter-University Research Convention for UG under SPPU.
- Certified JAVA, SQL, HTML
- Certified course in CATIA-V5-CAD
- Certified course in ISHRAE
- Certificate of excellence in AVISHKAR EVENT 2015

Strengths:

- Smart and hard worker
- Punctual
- Positive thinking
- Good decision capabilities
- Excellent Presentation, motivational and leadership skills.
- Strong analytical, logical and mathematical skills.

- Ability to handle the students.
- Ability to provide quality knowledge.

Personal Details:

Name : Mr. Neeraj Prakash Kulkarni
Contact No. : +918888966366, +918830882067
Date of Birth : 02-06-1994
Permanent Address : 1182/62 E ward Suraj Appt. flat no.2 Mali colony Takala, Kolhapur
State : Maharashtra
Sex : Male
Marital Status : Single
Languages known : English, Marathi, Hindi.

Declaration

I hereby declare that above information is true and correct as per best of my knowledge

Date -:

Yours Faithfully,
Mr. Neeraj Prakash Kulkarni