



Nikhil P. Ambole

DOB : 24/12/1990
Gender: Male
Nationality : Indian

Experience:

Teaching: 12 Year
Industry : 02 Year

R&D Work:

Design Patents: 05
Copyrights : 01
Books : 01
Papers : 08
Conferences : 05

Address:

A/P Karnal
Tal: Miraj, Dist:
Sangli.
Pin Code: 416416

Mobile No.:

9970660452

Email:

npambole.mech@pvpitsa.nqli.edu.in

nikhilambole@gmail.com

FACULTY PROFILE

Personal Information

Name: Nikhil Pramod Ambole
Designation: Assistant Professor
Department: Mechanical Engineering
Area of Specialization: Design Engg., Micro machining, Advance Machining

Professional Experience

Teaching Experience : (12 Years)

1) Assistant Professor, Mechanical Dept. (28 Aug 2017 to Till Date)
Dr. VPSSM's PVPIT, Budhgaon, Sangli.
Location: Sangli

2) Lecturer, Mechanical Dept. (17 June 2015 to 27 Aug 2017)
JSPM's Bhivrabai Sawant Poly., Wagholi Pune.
Location: Pune

Industry Experience: (2 Years)

Graduate Engineer Trainee (GET), Service (1 Nov 2012 to 17 July 2014)
KAMAZ VECTRA MOTORS LTD, Hosur, Tamilnadu.
Location: Pune

Educational Qualification

Ph.D. Scholar Bharati Vidyapeeth (DU), Pune

- Year of admission: Dec 2022

M.E. (DESIGN ENGINEERING) S. P. PUNE University, Pune

- Year of passing: Sept 2016
- First class with distinction

B.E. (MECHANICAL ENGINEERING) Shivaji University, Kolhapur

- Year of passing: May 2012
- First class with distinction

IPR

Design Patents

- 1) Adjustable Jig and Fixture for Inclined Machining on Electrochemical Discharge Machine (421287-001)
- 2) Nutshell Breaking and Separator Machine (332994-001)
- 3) Air Cooler (333002-001)
- 4) Round Bread Making Machine (332249-001)
- 5) Crop Cover Dispensing Solar Machine (497545-001)

Copy Rights & Books

- 1) Basic Human Rights: In Engineering Studies(L-110301/2022)

Research Publications

- Ambole, N.P., Kurkute, V.K., Harugade, M.L. (2024). Different Approaches for Optimising the Micro-machining Quality Parameters of Composite Materials Using Electrochemical Discharge Machining (ECDM) for Societal Application—A Review. In: Pawar, P.M., et al. Techno-societal 2022. ICATSA 2022. Springer, Cham. https://doi.org/10.1007/978-3-031-34644-6_89
- Mr.Nikhil P Ambole, Mr.Pravin P Shinde, Mr.Sandesh S Awati, Mr.Chetan D Patil, Mr. Amarsingh S Patil (2019). Simulation and Analysis of Plastic Injection Mold for Minimizing Defect. International Journal of Research and Analytical Reviews (IJRAR).Volume 6. Issue 2 . Pages 741-745.
- Patil, M. R. R., Ambole, M. N. P., Awati, M. S. S., Shaikh, M. A. S., & Harge, M. C. (2018). A Review on Lifting and Assembly of Rotary Kiln Tyre with Shell by Flexible Gripper. Journal for Research| Volume, 4(01).
- Ambole, N. P., & Kale, P. R. (2016). Finite element analysis carbon fiber sprocket using ANSYS. Int. J. Sci. Res. Dev, 4(5), 310-314.
- Ambole, N. P., & Kale, P. R. (2016). Design and Analysis of Carbon Fiber Sprocket. International Engineering Research Journal. IERjournals special issue MECHPGCON 2016(DY Patil COE). ISSN2395-1621. Page No 218-225.
- Ambole, N. P., & Kale, P. R. (2016). Carbon Fiber Sprocket: Finite Element Analysis and Experimental Validation” in International Journal of Current Engineering and Technology. E-ISSN 2277–4106, P- ISSN 2347–5161 Page No. 163-168.
- Ambole, N. P., & Kale, P. R. (2014). A Review on Carbon Fiber Sprocket Design, Analysis and Experimental Validation. International Journal for Science and Research in Technology. Vol. 2, Issue 07, ISSN (online): 2395-1052. Page No. 5-8.

Conferences

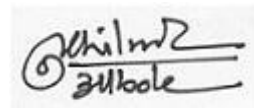
- RRRAI 2026 at Bharati Vidyapeeth (DU), Pune.
- Techno-Societal 2022 at SVERI Pandharpur.
- MECHPGCON 2016 at Dr. D. Y. Patil Institute of Engineering and Technology, Pimpri, Pune.
- NCPSM 2016 at Marathwada Mitra Mandal's Institute of Technology, Lohgaon, Pune.
- MECHPGCON 2015 at Flora Institute of Technology, Pune

STTP / Workshops / Seminars Attended

- 8 week NPTEL course on Advanced Manufacturing Processes Aug-Sept 2025
- Online FDP on "Simulation Tools for Research" held during 8th to 14th February 2022.
- One week STTP on "Vibration Control of Rotating Machines" organised by Depart of Mechanical Engineering, ADCET, Ashta during 8 -12th June 2020.
- 8 week NPTEL course on Design, Technology and Innovation Sept-Nov 2020
- 8 week NPTEL course on Introduction to research Jan-April 2020
- One week FDP on Future Materials: Nano composites from 15th June to 21st June 2020 organized by BVUCOEP.
- One week FDP on Research Opportunities in Advance manufacturing Processes from 22nd June to 28th June 2020 organised by BVUCOEP.
- One week FDP on "Future Trends and Career Opportunities in Industry 4.0 " organized by PVPIT from 2nd June to 10th June 2020
- One Week Online Program on Future Trends and Opportunities in Industry organised by Department of Mechanical Engineering, PVPIT Budhgaon from 27/5/2020 to 31/5/2020
- One week FDP on C and CPP organised by PVPIT 26 April to 2nd May
- One Week Online Faculty Development Program on LaTeX from dated 26 Apr 2020 to 02 May 2020 Organized by P.V.P.I.T. Sangli (Budhgaon) in Association with IIT-Bombay Spoken Tutorial project.
- Two days FDP on "Muti-criteria Decision Makin Methods and Optimization Techniques" held at BSCOE, Pune Dec. 2018
- Two week FDP on " Emerging trends in product design and development" held at PVPIT Dec. 2017

Declaration

I hereby affirm that the information furnished above is true to the best of my knowledge and belief. I shall be willing to furnish any other information that you may require for the purpose.



Nikhil P. Ambole