

Name	MRS. PRIYANKA ABHIJIT DATE, M.E. (Machine Design), PhD Mechanical Engineering (Pursuing).
Designation	Assistant Professor
Department	Mechanical Engineering
Date of Joining the Institute	10/07/2021
Education	<ul style="list-style-type: none"> • Pursuing PhD in Mechanical Engineering, University of Mumbai, Dec 2023 • Master of Engineering in Mechanical Engineering (Machine Design), University of Mumbai, Jan 2019 • Bachelor of engineering in Mechanical Engineering, University of Mumbai, 2015
Branch / Specialization	Mechanical-Machine Design
Areas of Interest / Research Interest	Optimization, CAD Modeling
Email	priyanka.date@famt.ac.in



Academic Appointments

Name of the University / Institute/ Industry	Duration	Designation
Finolex Academy of Management and Technology, Ratnagiri	10/07/2021 to till date	Assistant Professor
Finolex Academy of Management and Technology, Ratnagiri	15/07/2019 to 30/11/2019	Visiting Lecturer
Finolex Academy of Management and Technology, Ratnagiri	26/12/2016 to 24/11/2017	Lecturer
Government Polytechnic, Ratnagiri (GPR)	29/06/2016 to 03/11/2016	Lecturer

Total Experience – 5 Years,7 Months

Papers Published

Papers Published in National / International Journals - 02

International Journals – 02

1. Paper titled **“Optimization of Process Parameters for Die Sinking Electrical Discharge Machining (EDM) of SS-316L”** published in International Journal of Advanced in Management, Technology and Engineering Sciences (IJAMTES), **UGC Approved Journal**, Volume 8, No.3, pp. 1067 - 1075, March 2018, (ISSN : 2249-7455)
2. Paper titled **“Modelling and Optimization of Diesinking Electrical Discharge Machining (EDM) process using Taguchi and ANOVA: A Review”** International Journal of Advanced in Management, Technology and Engineering Sciences (IJAMTES), **UGC Approved Journal**, Volume- 9, no.4, pp. 2078 - 2092, April-2019.

Students’ projects Guided at UG/PG/Doctoral Level

Projects Guided at UG Level (02)

Academic Year 2023-24

1. Battery Operated Centrifugal and Reciprocating Pump for Agricultural Purposes.
2. Revolutionizing Production Planning with AI Powered Software.

Number of STTPs/FDPs, Webinars, Workshops Attended (from 2021-24) – 18

STTP / FDPs

1. Completed **“International Advanced Faculty Development Program on Application of Research Software for Qualitative and Quantitative Research Design (FDP SRD 2023)”** from 05/09/2023 to 13/09/2023 organized by Eudoxia Research Centre and Eudoxia Research University – USA.
2. Completed One Week e-STC on **“EVOLUTION OF CCHP AND THERMAL POLYGENERATION (ECTP-2024)”** from May 27-31, 2024 organized by NATIONAL INSTITUTE OF TECHNOLOGY HAMIRPUR, (H.P.).
3. Completed **“Three Days Training on Handling Plagiarism and References Management using Mendeley”** from 9th to 11th May,2023 organized by Dept. of Research and Publications, A2Z Edu Learning Hub LLP.
4. Completed Five Days FDP on **“Materials & Advanced Manufacturing”** from 22nd to 26th August,2022.
5. Completed Two Days FDP on **“ANSYS TRAINING”** on 12th and 13th July, 2022.

6. Completed **ATAL FDP** on "**Challenges, Opportunities of industry 4.0 Techniques scope in manufacturing Industries and manufacturing systems**", from 24/08/2021 to 28/08/2021 organized by Pillai HOC College of Engineering and Technology.
7. Completed International FDP on "**Research Excellence and Academic Development**" from 01/09/2021 to 08/09/2021 organized by Sri Ramakrishna College of Arts and Science.
8. Completed **ATAL FDP** on "**W.O.M.E.N.(Weaver of Optimism, Motivation, Empowerment & Nurturing Pillars of Society)**" from 15/11/2021 to 19/11/2021 organized by Birla Vishvakarma Mahavidyalaya Engineering College (BVM).
9. Completed **ATAL FDP** on "**Nanodevices and Advanced Nanomaterials**" from 06/12/2021 to 10/12/2021 organized by Sikkim Manipal Institute of Technology.

Webinars

1. Completed Webinar on "**TRIZ-An Idea Generation Technique in Product Development**" on 12th September,2022 organized by Guru Gobind Singh College of Engineering and Research centre, Nashik in Association with TRIZ Nashik Chapter.
2. Completed Webinar on "**Designing Outcomes-focused questions**" on 13th September, 2022 organized by InPods India Private Limited).
3. Completed International Webinar on "**Indigeneous Materials for Energy Storage (Lithium-ion and Supercapacitor) Applications**", on 3rd September,2022 organized by Bharat Institute of Engineering and Technology, CRESIHRD and Indian Ceramic Society, Hyderabad Chapter.
4. Completed International Webinar on "**Innovations in Materials Processing: Importance of Ceramic Shell Moulds for Investment Casting of Gas Turbine Components**" on 20th August,2022 organized by Bharat Institute of Engineering and Technology, CRESIHRD and Indian Ceramic Society, Hyderabad Chapter.
5. Completed Webinar on "**Building a Resilient ecosystem through Critical Event Management - Innovations and Manufacturing**" on 8th December,2021 organized by APAC Digital Innovations News Network Pvt. Ltd (APAC News Network).
6. Completed Webinar on, "**Electric Vehicles: Your Opportunity to Grow**" on 15th December,2021 organized by Udgam, An initiative by HPCL.
7. Completed Users' Meet on "**Sixth National Finite Element Developers' / FEASTSMT Users' Meet**" on 4th and 5th February,2022 organized by Vikram Sarabhai Space Centre, Thiruvananthapuram.

Workshops

1. Completed the workshop on "**MECHATRONICS, ROBOT AUTOMATION AND INDUSTRIAL IoT**" organized by FANUC India Online Webex on 15th December,2021.
2. Completed the workshop on "**Introductory course on FEAST- Indigenous Finite Element Analysis of Structures**" organized by SVR Infotech, Pune from 21st to 22nd December,2021.

Certification Course completed - 2

1. Completed **Two Weeks PhD Course Work Two Credit Completion** on "**Research and Publication Ethics**" organized by "Bharatiya Vidya Bhavanas" sardar Patel Institute of Technology", Mumbai from 01/12/23 TO 12/12/23.
2. Completed **21 Days Masterclass on Data Science - Update 2024** organized by **PANTECH e-Learning Pvt. Ltd., Chennai** from 08.05.2024 to 28.05.2024.

Other Experience

College Level Administrative Responsibilities

1. Working as a Coordinator of **Training and Placement (TNP) Team.**
2. Working as a Member of **Admission Committee for First and Direct Second Year Engineering.**
3. Working as a department coordinator for **NAAC Criteria 5 committee.**
4. Working as a Member of **NSS Unit.**
5. Working as a Member of **NATURE CLUB.**
6. Working as a Member of **Cultural Committee.**
7. Working as a Member of **Departmental Audit Preparation.**
8. Working as a Member of **Attendance Monitoring Committee.**
9. Working as a Member of **Departmental Magazine Committee.**

Subjects Taught (from 2021-24)

Sr. No.	Name of the Subject	Year/Branch/Semester	Experience
1.	Optimization Techniques (OT)	T.E. / Mechanical / V	3 Years
2.	Environmental Management (EM)	B.E. /Mechanical / VIII	2 Years
3.	Human Resource Management (HRM)	B.E. / Mechanical / VIII	1 Year