



Mr. Uday Prajapati
Assistant Professor
Department of Mechanical Engineering

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EDUCATIONAL QUALIFICATIONS

MASTER IN TECHNOLOGY (CAD/CAM)

Examination Passed	University/Board	Year	% Marks Obtained	Class
M.Tech 2 nd YEAR	Nagpur University	2015	76.62	First class
M.Tech 1 st YEAR	Nagpur University	2014	66.75	First class

BACHOLER IN ENGINEERING (MECHANICAL)

Examination Passed	University/Board	Year	% Marks Obtained	Class
B.E. 4 th YEAR	Nagpur University	2012	71.26	First class
B.E. 3 rd YEAR	Nagpur University	2011	70.26	First class
B.E. 2 nd YEAR	Nagpur University	2010	62.53	First class
B.E. 1 st YEAR	Nagpur University	2009	75.84	First class

EXPERIENCE

✓ Academic Experience:

Degree: 11 Years of Teaching in Engineering College

Sr. No	Organization	Designation	Duration
1.	Wainganga college of Engineering and Management NAGPUR	Lecturer /Assistant Professor	03-09-2012 to 20/1/2017.
2.	KC College of Engineering & Management, Thane	Assistant Professor	23-01-2017 to 30/11/2020
3.	Theem College of Engineering, Boisar	Assistant Professor	8/02/21 to 30/09/2022
4.	St. John College of Engineering and Management, Palghar	Assistant Professor	October 3rd 2022 - Till date

AREA OF INTEREST

- ✓ CAD/CAM
- ✓ 3 D Printing
- ✓ Mechanical Vibration
- ✓ Advance vibration
- ✓ Engineering Mechanics and Graphics.

Conference/ Publication

1. Presented paper at IACRAMEN 2025 International Conference on “Comparative study CFD simulation of flow boiling in heated pipe and Sub-channel of Nuclear Reactor” (Best Paper Award)
2. Presented paper at IACRAMEN 2025 International Conference on “ Design and fabrication of path Tracking automated waste management system”.

STTP/WORKSHOPS

✓ STTP/Workshops Participated/FDP:

Sr. No	Topic of STTP/Workshop/FDP	Organization	Duration
1.	ATAL FDP on Advanced Vibration Analysis & It's Practical Application	AICTE	11/12//2023 to 16/12/2023
2.	FDP on Introduction to mechanical vibration	NPTEL	June to Sept 2023
3	International Advanced Faculty Development Program on Application of Research Software for Qualitative and Quantitative Research Design	Eudoxia Research University, ERU-USA	05/09/2023 to 13/09/2023
4	FDP on Total Quality Management	NPTEL	Jan to Apr 2023
5	FDP on 3D Printing and Design Skill Dzire in collaboration with AICTE.	Skill Dzire in collaboration with AICTE.	1 month 4 th Oct. 2024
6	FDP on Machine Learning and Artificial Intelligence	EXCELR	12/08/2024 to 19/08/204
7	one-week ISTE approved STTP on Advances in Manufacturing in the Context of Industry4.0 organized	SJCEM, Palghar	03/02/2025 to 07/02/2025

NPTEL ONLINE COURSES

- Completed successfully 8 Week online NPTEL Course on “Introduction of Mechanical Vibration” in Oct 2023, with Elite + Silver.
- Completed successfully 8 weeks online NPTEL Course on “Total Quality Management -I” in April 2023. With Elite.

PROJECTS

- ✓ “Design and analysis of two figure compound gripper for external and internal gripping”.
- ✓ “Design and fabrication of cold and hot water refrigerator”.

✓ Projects Guided:

- 1) Design and development of Automated truck Loading System -Industrial Project (2024-25)
- 2) Design and development of Petro-Electric Scooter (2023-24)
- 3) Design and fabrication of Rocker Boggie Vehicle (2023-24)
- 4) Design and development of Semi-automatic wall plastering Machine (2022-23)

Personal details:

Date of Birth	:	05 th October 1987
Gender	:	Male
Marital Status	:	Married
Nationality	:	Indian
Languages	:	English, Hindi, Marathi
Address	:	Type C/II, O-2, Anushri Township, TAPS 1 and 2, Tarapur-401501.

(Mr. Uday Prajapati)