

## BIO-DATA



- 1 **Name** Hetal Purohit
- 2 **Designation** Assistant Professor
- 3 **Residential Address** Kasarvadavli, Thane West. 400615
- 4 **Date of birth** 18<sup>th</sup> April
- 5 **Total Experience** 7 yrs
- Teaching** 3 yrs

6 **Qualifications**

<b>Exam Passed</b>	<b>Year</b>	<b>Institution/ University</b>	<b>Branch/Specialization</b>
M.E.	2019	University of Mumbai	Manufacturing Systems Engineering
B.E.	2007	University of Rajasthan	Mechanical Engineering

7 **Employment Record**

<b>Institution</b>	<b>Year (From To)</b>	<b>Designation</b>
Fr. C. Rodrigues Institute of Technology	08/01/2024 till date	Assistant Professor
New Horizon Institute of Technology, Thane	11/01/2022 till 02/01/2024	Assistant Professor
Autoone Engineering Services Pvt Ltd, Pune	03/02/2020 till 31/08/2020	Senior Design Engineer
J Group Robotics, Mumbai	07/01/2019 till 31/03/2019	Production Engineer
CADemia, Jodhpur	03/05/2010 till 31/07/2012	CAD Trainer
JIET Group of Institutions	15/05/2009 till 30/04/2010	Lecturer
TACO Faurecia Design Centre Pvt Ltd, Pune	18/03/2008 till 31/03/2009	Project Engineer

## 8 Undergraduate / Postgraduate Teaching Experience and Subjects Taught

### Subjects Taught at UG level

Sr.No.	Name of Subject	Semester
1.	Composite Materials, Computer Integrated Manufacturing	VIII, VII
2.	Digital Manufacturing, Finite Element Analysis	VI, V
3.	CAD/ CAM, CNC & 3D Printing	IV
4.	Thermodynamics	III
5.	Engineering Graphics (AUTOCAD)	II

## 9 Achievements / Awards / Position:

Awarded “Best Learner” in the Graduate Engineer Trainee Batch-March-08 for “Quick Learning Ability and Good Understanding of Plastic parts” -2008

Awarded “Best Team” for achieving “Combined effort for delivery before schedule with quality for J96 project”- 2008

Awarded Appreciation Certificate for receiving “Customer Appreciation with CSS 45/50 for X81 Nissan Concept Engineering Program” - 2008

Department Topper in 2<sup>nd</sup>, 3<sup>rd</sup>, and 4<sup>th</sup> year in Engineering- 2004-2007

Institute topper in 1<sup>st</sup> year Engineering- 2003

Awarded Certificate by Girls Education Foundation Rajasthan, Jaipur under **GARGI** Award Scheme for securing 84.17% in Secondary Exam- 2001

## 10 Short Term Training Programmes attended:

- NPTEL Swayam course on “Basics of Finite Element Analysis – I” with Elite + Silver performance
- “E-Learning Course on Metal Additive Manufacturing: Practitioner” by Wipro 3D on 24<sup>th</sup> of December 2020
- Six months’ internship from Trikolaa Tech LLP for 3D printing in 2018
- Training on “Rapid Prototyping” from Institute for Design of Electrical Measuring Instruments (IDEMI) in 2017

## 11 List of Papers Published in National and International Conferences

1. Published a Research Paper on “Design and Analysis of New Air foil and Blade for Micro- Capacity Horizontal Axis Wind Turbine Using Q-Blade Tool” at IEEE Xplore in 5<sup>th</sup> IEEE-International Conference on Advances in Science and Technology (ICAST)-2022. DOI: [10.1109/ICAST55766.2022.10039645](https://doi.org/10.1109/ICAST55766.2022.10039645)
2. “Micro-stereo lithography processes and its application: A Review” presented in “International Conference on Embracing Industry 4.0 Technologies for sustainable growth (ICEI4.0)” organized by Rajiv Gandhi Institute of Technology from 17<sup>th</sup> to 19<sup>th</sup> February’2022
3. “Parametric optimization of Dual material Polycarbonate and Acrylonitrile Butadiene Styrene (PC-ABS) using Fused Deposition Modelling (FDM) technique” published in Additive Manufacturing Journal Vol 1 Issue 3 2019 [https://issuu.com/amsi4/docs/am\\_2019\\_journal/84](https://issuu.com/amsi4/docs/am_2019_journal/84)
4. “Issues in Dual Material Fused Deposition Modelling with Polycarbonate-Acrylonitrile Butadiene Styrene (PC-ABS) on a desktop 3D printer” published in Manufacturing Technology Today Vol 18 Issue 7 July 2019 <http://www.i-scholar.in/index.php/MTT/article/view/186740>
5. A review on application of Rapid Prototyping Technology in biomedical sector published in International Journal of Engineering Research-Online Vol 5 Issue 4 July-August 2017 - <http://www.ijoer.in/5.4.17/56-61%20HETAL%20PUROHIT.pdf>