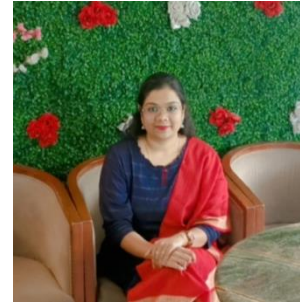


BIO-DATA



1. **Name** Ms. Jweshvari Vidyadhar Tupe
2. **Designation** Research Assistant
3. **Residential Address** New Panvel- 410206
4. **Date of birth** 25th April
5. **Total Experience** 3.5 yrs
Teaching 3.5 yrs
6. **Qualifications**

Exam Passed	Year	Institution/ University	Branch/Specialization
PhD	2022	Mumbai University	Pursuing
M.E.	2021	Mumbai University	Mechanical (CAD/CAM & Robotics)
B.E.	2018	Mumbai University	Mechanical Engineering

7. **Employment Record**

Institution	Year (From To)	Designation
Fr. C. Rodrigues Institute of Technology, Vashi	21/12/2022 till date	Research Assistant
ViMEET, Khalapur	01/07/2021 to 14/12/2022	Assistant Professor
Pillai College of Engineering, New Panvel	06/09/2018 to 31/04/2020	Teaching Assistant

8. **Undergraduate / Postgraduate Teaching Experience and Subjects Taught**
Subjects Taught at UG level

Sr.No.	Name of Subject	Semester
1.	CAD/CAM/CAE	VII
2.	CAD/CAM	IV
3.	FEA	VI

4.	CNC and 3D Printing	IV
5.	CADM	IV

9. Research Experience

10. Research Funding / Consultancy Services:

Sr.No.	Name of the Company	Address	Product	Consulting Service	Consulting Fees	Period

Research Grants:

Technical Collaboration / Lab Funding with Industries

Sr.No.	Name of the Funding Organization	Type of Support	Amount (Rs.)	Year

11. Professional Societies Fellowship / Membership : Indian Nuclear Society, Internet Society, IAE

12. Achievements / Awards / Position:

- First Prize at Avishkar Research Convention 2020-21 (PG Category)
- Best paper award at CTFC 2023
- Third prize at Avishkar Research Convention 2022-23 (PPG Category)

13. Projects guided in UG/PG level :

14. Short Term Training Programmes attended :

- Satellite Photogrammetry and its Application 6 days course by ISRO
- Virtual global summit on Artificial Intelligence: Responsible AI for Social Empowerment (RAISE2020)
- Copyright for multimedia by Duke University- Coursera
- Introduction to Psychology by Yale University- Coursera
- Positive Psychiatry and Mental Health by The University of Sydney - Coursera
- AICTE Training And Learning (ATAL) Academy Online FDP on "Novel Materials" from 2020- 10-5 to 2020-10-9 at Pillai College of Engineering
- Emotional well being at work (Psychology of emotional intelligence): One day seminar held by Association of Business Leaders and Entrepreneurs
- Member of organizing committee in Two Days Workshop On "Application Programming Interface (API) using Autodesk Fusion 360 Software
- Two days workshop on "Polymer Processing & Characterization" Held by Pillai College of Engineering
- One day conference on Polymer Processing held by Pillai College of Engineering in association with Polymer Processing Academy
- ISTE approved STTP on "3D Printing and Industrial Automation" organized by Bharati Vidyapeeth College of Engineering.
- Training program on CAD/CAM/CNC and IoT held by L&T Madh Training Academy
- Finite Element Analysis Convergence and Mesh Independence - Coursera

Project Network

- FEM-Linear, Nonlinear Analysis and Post Processing – Coursera Project Network
- Engage your niche on social media visual stories with canva - Coursera Project Network
- Membrane Technologies Used in Water and Wastewater Treatment – Udemy
- Basics of Finite Element Analysis – I - NPTEL (8 Weeks Course)
- Water Society and Sustainability – NPTEL (4 Weeks Course)
- SERB sponsored Microstructure Characterization: A hands on workshop on SEM, EDS and EBSD (MCWS-2024) organized by VNIT, Nagpur
- MATLAB training program by MathWorks training services

15. List of Journal Papers Published

1. Jweshvari Vidyadhar Tupe, Divya Padmanabhan, and S M Khot, “Improvement of water flux with date palm reinforcement in composite membrane”, International journal of applied engineering and technology, volume 5, issue 4, December 2023
2. Jweshvari Vidyadhar Tupe, Divya Padmanabhan, and S M Khot, “Improving Water Flux Using Agave Reinforcement in Polymeric Membranes”, NanoWorld Journal, volume 10, issue S1, S265-S269, March 2024

16. List of Papers Published in National and International Conferences

- Jweshvari Vidyadhar Tupe, Divya Padmanabhan, “Development of Composite Membrane for Desalination”, ICRAMM Conference Proceedings, Volume 4, 2019
- Jweshvari Vidyadhar Tupe, Divya Padmanabhan, “Improving water permeability in ultrafiltration membranes by natural fibre reinforcement”, STWTD 2020
- Jweshvari Vidyadhar Tupe, Divya Padmanabhan, “Natural Fibre Reinforced Composites for Filtration of Water”, ICAME 2021
- Jweshvari Vidyadhar Tupe, Divya Padmanabhan, “Development of membranes with improved filtration capabilities”, CTFC 2021
- Jweshvari Vidyadhar Tupe, Divya Padmanabhan, “Development of filtration membranes with agave reinforcement”, ICMMER 2022
- Jweshvari Vidyadhar Tupe, Divya Padmanabhan, “Enhancing water permeability in composite membranes with date palm leaf”, CTFC 2021
- Jweshvari Vidyadhar Tupe, V. V. Shinde, “Framework for Staff Development Program for PBL”, NCPHE 2022
- Jweshvari Vidyadhar Tupe, V. V. Shinde, “Experiences of students and outcome analysis in Finite Element Analysis courses: A Problem & Project Based Learning (P2BL) approach”, IUCEE- Vishwaniketan Mini Symposium on Problem & Project Based Learning 2022

17. Books/Reports/General articles etc.

18. Invited Lectures in FDP/ STTP :

- Five days STTP on “Tools and methods of research and publication” organized by FCRIT, Vashi

19. International Conference Technical Program Committee Member / Reviewer :