

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** 2.5 yrs
- Teaching** 2.5 yrs

6. **Qualifications**

Exam Passed	Year	Institution/ University	Branch/Specialization
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

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)

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)

15. List of Journal Papers Published

16. List of Papers Published in National and International Conferences

- Ms. Jweshvari Vidyadhar Tupe, Dr. Divya Padmanabhan, “Development of Composite Membrane for Desalination”, ICRAMM Conference Proceedings, Volume 4, 2019
- Ms. Jweshvari Vidyadhar Tupe, Dr. Divya Padmanabhan, “Improving water permeability in ultrafiltration membranes by natural fibre reinforcement”, STWTD 2020
- Ms. Jweshvari Vidyadhar Tupe, Dr. Divya Padmanabhan, “Natural Fibre Reinforced Composites for Filtration of Water”, ICAME 2021
- Ms. Jweshvari Vidyadhar Tupe, Dr. Divya Padmanabhan, “Development of membranes with improved filtration capabilities”, CTFC 2021
- Ms. Jweshvari Vidyadhar Tupe, Dr. Divya Padmanabhan, “Development of filtration membranes with agave reinforcement”, ICMER 2022
- Ms. Jweshvari Vidyadhar Tupe, Dr. Divya Padmanabhan, “Enhancing water permeability in composite membranes with date palm leaf”, CTFC 2021
- Ms. Jweshvari Vidyadhar Tupe, Dr. V. V. Shinde, “Framework for Staff Development Program for PBL”, NCPHE 2022
- Ms. Jweshvari Vidyadhar Tupe, Dr. 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 :

19. International Conference Technical Program Committee Member / Reviewer

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