

CURRICULUM VITAE

Dr. ANIRUDDHA SHIVRAM JOSHI

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- **SHORT INTRODUCTION:**

- ✓ Assistant Professor and Head of Automobile Engineering Department at Rajendra Mane College of Engineering and Technology, Ambav, Ratnagiri.
- ✓ Held the position of Incharge Principal, Matoshree Pratisthan's Vishwabharati Polytechnic Institute, Nanded.
- ✓ Active Professional Member of SAE India.
- ✓ Actively involved in research initiatives and mentorship to students in several areas.
- ✓ More than 08 yrs Academic and 01 yr Industrial Experience.

- **ACADEMIC QUALIFICATION:**

- ✓ **Ph.D.-Mechanical Engineering** - September 2023 from Kalinga University, Raipur, Chhattisgarh.
- ✓ **M.Tech Automobile** - July 2014 from Rajarambapu Institute of Technology, Islampur. Affiliated to Shivaji University, Kolhapur with 7.48 CPI.
- ✓ **B.E. Mechanical** - June 2012 from Dr. J. J. Magdum College of Engineering, Jaysingpur. Affiliated to Shivaji University, Kolhapur with 66.00%.

- **WORK EXPERIENCE:**

- ✓ **Assistant Professor, Head of Automobile Engineering Department** - From 10th August 2022 to till date at Rajendra Mane College of Engineering And Technology, Ambav, Devrukh.
- ✓ Handling the additional charge of TPO, RMCET since Aug.2023.
- ✓ **Showroom Head and Engineer-** From 10th July 2021 to 01st August 2022 at Swami E-Wheels Kolhapur. Dealing with Electric Vehicle Sales & Services.
- ✓ **Assistant Professor & Incharge Principal** – From 10th Aug. 2019 to 30th June 2021 at Matoshri Pratisthan's Group Institutions & Vishwabharati Polytechnic Institute, Nanded.
- ✓ **Assistant Professor, Mechanical Engineering-** From 21st August 2014 to 18th May 2018 Department of Technology, Shivaji University, Kolhapur.

- **PUBLISHED ARTICLES: International Journals- 06, International Book Chapter- 01, International Conferences- 03, National Conference- 01.**

- ✓ “Pollution Analysis of Castor, Coconut and Waste Cooking oil Biodiesel Blends with Diesel Fuel”, published in Strad Research Journal, Volume 11, Issue 1, January 2024, ISSN-0039-2049.
- ✓ “Performance Analysis of Diesel Engine with Palm Stearin (PS) Biodiesel”, published in Journal of Advances in Science and Technology Vol. 19, Issue No. 1, March-2022, ISSN 2230-9659.
- ✓ “A Review of Biodiesel Production Process from Waste Cooking Oil”, published in Journal of Advances in Science and Technology Vol. 18, Issue No. 2, September–2021, ISSN 2230-9659.
- ✓ “The Performance and Emission Analysis of Diesel Engine with Sunflower Biodiesel” in Techno-Societal 2020 Proceedings of the 3rd International Conference on Advanced Technologies for Societal Applications—Volume 1, Published by international Springer publisher, pp 847-860, ISBN 978-3-030-69920-8 ISBN 978-3-030-69921-5 (eBook).
- ✓ “Optimized Production Process For WCO Based Biodiesel By Using DOE” published in the Proceedings of International Conference on Sustainable Energy and Environmental Challenges (3rd SEEC), December 18-21, 2018, IIT Roorkee, India.
- ✓ “Performance Studies of CI Engine Using WCO based Biodiesel Blend with Conventional Diesel”, Published in International Journal of Emerging Technology and Advanced Engineering, ISSN 2250-2459, ISO 9001:2008 Certified Journal, Volume 7, Issue 9, September 2017.
- ✓ “Experimental studies on Performance Characteristics in Diesel Engine Using Different Blends of WCO Biodiesel: a review”, Published in International Journal of Engineering Research and Technology, ISSN 0974-3154 Volume 10, Number 1 2017.
- ✓ “Production of Biodiesel from Waste cooking oil: a review”, published in the proceedings of 7th National Conference Emerging Trends in Engineering and Technology, organized by Bharati Vidyapeeths college of Engineering, Kolhapur.
- ✓ “Experimental Studies for Potential Application of Dimethyl Ether (DME) for C. I. Engine” published in Proceedings of the International Conference on Sustainable Energy and Environmental Challenges (SEEC-2017) 26 – 28 February, 2017, Mohali, India
- ✓ “Productivity Improvement of Metal Casting Industry”, Published In International Journal of Engineering Associates, (ISSN: 2320-0804) # 78/Special Issue -1

- ✓ “An Application of Pareto Analysis and Cause Effect Diagram for Minimization of Defects in Manual Casting Process”, published in Proceedings of IRF International Conference (ICEECSME), ISBN: 978-93-82702-5606, Pune, 2014.
- **RESEARCH WORKS**
 - ✓ “Experimental Analysis On Combustion Characteristics And Pollution Analysis Of Compression Ignition Engine By Using Waste Cooking Oil (WCO) Blends With Diesel Fuel” Individual Research work for PhD-Mechanical.
 - ✓ Design and Development of Foldable Electric Two Wheeler.
- **PROGRAMS/ WORKSOPS ATTENDED AND PARTICIPATED**
 - ✓ Energy Literacy Training organized by Energy Swaraj Foundation, Mumbai and nominated as a volunteer for Energy Swaraj Foundation, Mumbai.
 - ✓ One day faculty development program on Interactive Teaching Techniques at Maharashtra Skill University, Mumbai on 20th December 2023.
 - ✓ Five days online faculty development program on Recent Trends in Electric Vehicles, conducted by Department of Mechanical Engineering, Rizvi College of Engineering, Mumbai from 13th December to 19th December 2023.
 - ✓ Completed National Level Faculty Development Program on “Advances in Electric Vehicle Industry” from 14th Nov. 2022 to 18th Nov. 2022.
 - ✓ Completed UGC-Approved Professional Development Programme on “Implementation of NEP-2020 for University and College Teachers” held from 27th October 2022 to 05th November 2022 and Obtained “B” Grade
 - ✓ AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Electric Vehicles – The Future of Mobility" from 3rd Jan. 2022 to 07th Jan.2022 at Rajarambapu Institute of Technology, Sakharale
- **OTHER DETAILS**
 - ✓ Organized Various Workshops, Tech Fests and Events for the Students as well as Faculty Members.
 - ✓ Served as a jury member for the Maharashtra State Student Innovation Challenge 2023.
 - ✓ Editorial Board Member of Scienxt Journal of Recent Trends in Automobile Engineering & Research.
 - ✓ Editor of book series titled “Futuristic Trends in Mechanical Engineering” IIP Edited Book Series Manager, Iterative International Publishers (IIP).
 - ✓ Worked as an Organizing Committee member for “GIAN International Workshop” on, “Mechatronics: Synergic Integration of Mechanics, Electronics and Information Technology”, at SUK.

✓ Served as “Syllabus Committee Member, Academic Coordinator & T&P coordinator”
for Mechanical Engineering, Department of Technology, Shivaji University, Kolhapur.

- **PERSONAL DETAILS**

Name : Aniruddha Shivram Joshi

Date of Birth : 24th May 1991

Gender : Male

Marital Details : Married

Nationality : Indian

Mother Tongue : Marathi

Languages Known: English, Marathi, Hindi, and Sanskrit [Read, Write & Speak]

- **DECLARATION**

I hereby declared that the above written particulars are true to best of my Knowledge and belief.



ANIRUDDHA SHIVRAM JOSHI