

RESUME

INDRAJIT N. WANKHEDE

M.E. (Mechanical), PhD (pursuing)

87, Shramsafalya Colony Gondur Road Walwadi, Dhule-424002

Email id: in.wankhede@ssvpsengg.ac.in

Contact no :+91- 8830866327



OBJECTIVE

Hoping to obtain a College Professor position where I can contribute to the college with my exceptional interpersonal, technical, communication and teaching skills.

EXPERIENCE SUMMARY

Overall work experience 5 years in **Quality Assurance** and **New Product Development** Engineering Dept. as a senior Product Development Engineer and 6 years in **teaching** as Assistant Professor in mechanical engineering dept.

WORK EXPERIENCE

- 1) **Organization:** SSVPS B. S. Deore College of Engineering, Dhule.
Duration: Jan 2025 to Till Date
Designation: Assistant Professor
- 2) **Organization:** Sanjay Education Society's Polytechnic, Wadibhoker, Dhule.
Duration: May 2024 to Dec. 2024
Designation: Principal
- 3) **Organization:** Porite India Pvt. Ltd.
Duration: May 2022 to Nov. 2023
Designation: Sr. Engineer Product Development

Scope and Activities:

- Development of new Powder Metallurgy products as per customer requirement.
- Facing IATF 16949:2016 audits.
- Technical review of drawing & STFC.
- Implementation of 5'S, Kaizens and PokaYoke.
- Preparation of APQP and time plan for development.
- Checking the new developed product for quality assurance.
- Tooling correction in existing tool after trial run.
- Preparation of all PPAP documents like CP, PFMEA, PFD, etc.
- Follow up of other line activities during development phase.

Projects Handled:

- **Project Name:** - Rotor and Shaft, Gear, Hub, etc.
 - **Overview:** - This project aims to Development of Rotor, shaft, and gear etc. parts using various powder metallurgy operations like compaction, sintering, restrike, machining, hardening, MPI etc.
- 4) **Organization:** Onkar Dies Pvt. Ltd.
Duration: Feb. 2021 to Apr. 2022
Designation: Engineer New Product Development

Projects Handled:

- **Project Name:** - RA1109 BS-IV, BS-VI (TATA MOTORS LTD. PUNE)
 - **Overview:** - This project aims to Development of HCV Axle by using Blanking, Forming, Welding, VMC machining, Cylindrical Grinding Etc.
- 5) **Organization:** United Gaskets and Components Pvt. Ltd.
Duration: Aug. 2018 to Feb.2021
Designation: Trainee Engineer New Product Development

Projects Handled:

- **Project Name:** - X451, X445 & Q5 Window Rail (TATA MOTORS LTD. PUNE)
 - **Overview:** - This project aims to Development of front & rear window rail by using Blanking, Forming, Trimming, Piercing, Extrusion, part Off & Inspection Fixtures.
 - **Project Name:** - HT2041 (Honda 2.2 Cover) for Helical Auto Tech India.
 - **Overview:** - This project aims to development of cover assembly for a turbocharger by using Blanking, Drawing, Trimming, Side Piercing, Top Piercing, Ring & Pin Assembly, Brazing and Plating
- 6) **Organization:** Ganagamai College of Engineering, Nagaon, Dhule.
Duration: July 2015 to July 2018
Designation: - Assistant Professor
Subjects Taught: Engineering Thermodynamics, Applied Thermodynamics.
- 7) **Organization:** Government Polytechnic, Dhule.
Duration: May 2014 to Mar.2015
Designation: Lecturer
Subjects Taught: EDG, MED, Solid Modelling, CNC.

ACADEMIC PROJECT

- “Design, Development and Performance Analysis of Perforated Fin Array”
- “Enhancement of Natural Convection Heat Transfer from Horizontal Rectangular Fin Arrays with Perforations In Fin Base”

PAPERS PUBLISHED

- Published a paper on “**Static analysis of Master leaf spring**” in IJRET: International Journal of Research in Engineering and Technology.vol-03. Special issue-08. june 2014
- Published a paper on “**Effect of Percentage of perforation on the Natural Convection Heat Transfer from a Fin Array**” in IJETR: International Journal of Engineering and Technical Research. vol- 03. Special issue-02. Feb. 2015
- Published a paper on “**A Review on: Experimental Analysis of Rectangular Perforated Fin Array**” in IJRITCC, April 2016
- Published a paper on “**Enhancement of Natural Convection Heat Transfer from Horizontal Rectangular Fin Arrays: A Review**” in IJSRSET Vol.-3, Issue- 2, March 2017, Pages 34-38.
- Published a paper on “**Heat Transfer Coefficient Enhancement in Natural Convection from Horizontal Rectangular Fin Arrays with Perforations**” in IJMET: International Journal of Mechanical Engineering and Technology.vol-10. Issue-01 January 2019

FDP's ATTENDED

Sr. No.	Program/Training Details	Duration (Days)	Organizing Institute
1	Innovations in Mechanical Engineering and Future Technologies	6	SCSMCOE, Nepti, Ahilyanagar
2	Emerging Trends in Electric Vehicle Technology: Innovations, Smart Mobility and AI- Based Solutions	5	Dr. D. Y. Patil Institute of Technology, Pimpri,
3	Systematic Literature Review: Tools, Techniques and Trends in Evidence-based Research	5	Nextgen Institute for Research and Innovation (Har
4	Emerging Trends In Renewable Energy, Smart Systems, And Climate Change Mitigation	6	Nutan Maharashtra Institute of Engineering & Techn
5	Heat Exchangers: Fundamentals and Design Analysis	93	IIT Kharagpur
6	How to Write a Research Paper Using AI Tools for SCOPUS & SCI Journals	6	Nuhianwali Education Society
7	Advance Manufacturing Process	5	Sandip Institute of Technology & Research Centre,
8	One-Day Workshop on AI Tools for Educators	1	S.S.V.P. S's Bapusaheb Shivajirao Deore College. Of engineering
9	Engineering Excellence Integrating Thermal, Design, and Material Innovations	5	Dr. D. Y. Patil Institute of Technology, Pimpri,
10	Research proposal writing and patent filing	6	P. E. S college of engineering, Ch. Sambhaji Nagar

ACADEMIC CREDENTIALS

- M.E. (Mechanical), in 2017 from North Maharashtra University Jalgaon with **66.80 %**
- B.E. (Mechanical), in 2013 from North Maharashtra University Jalgaon with **72.67 %**
- HSC in 2009 from Maharashtra State Board, Nasik with **66.17 %**
- SSC in 2007 from Maharashtra State Board, Nasik with **71.07 %**

PERSONAL DETAILS

Name: Indrajit Natthu Wankhede
Sex: Male
Date of Birth: 18th May 1991
Nationality: Indian
Marital status: Single
Languages: English, Marathi & Hindi.
Permanent Address: 87, Shramsafalya Colony,
Gondur Road, Walwadi, Dhule. 424002
Mobile Number: +91 – 8830866327

I hereby declare that the information above stated is true to the best of my Knowledge and belief.

Place: -Dhule.

Date: -

Indrajit Natthu Wankhede