Resume

Mr. Hitesh Mangulal Salunke

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OBJECTIVE:-

"To obtain a challenging position in a high quality Engineering environment where my resourceful experience and academic skills will add value to organizational operations."

PROFESSIONAL EXPERIENCE (Currently working)

1.	**Institution Name**	**:**	Government Polytechnic Nashik.
	Tenure	**:**	From 1st July 2018 to till date.
	Designation	**:**	Sr. Lecturer in Automobile Engg. Dept.
2.	**Institution Name**	**:**	Government Polytechnic, Dhule.
	Tenure	**:**	From 18th July 2006 to 30th June 2018.
	Designation	**:**	Sr. Lecturer in Automobile Engg. Dept.
3.	**Institution Name**	**:**	Government Polytechnic, Malvan
	Tenure	**:**	From 19th Jan. 2006 to 17th July 2006.
	Designation	**:**	Lecturer in Mechanical Dept.

JOB RESPONSIBILITIES :

- Working as in charge of admission of Direct 2nd Year Engg process.
- Working as in charge of theory exam of MSBTE Board.
- Worked as Paper setter for MSBTE Board.
- Worked as Moderator for Theory Exam.
- Worked as Departmental TPO coordinator.
- Worked as Vigilance squad for MSBTE Board exam.

EDUCATIONAL QUALIFICATION:

- **Post–Graduation** **:** M.E. (Computer Aided Design, Manufacture & Engineering)

  Year of Passing : June 2021.
  C.G.P.A : 7.730 (First Class)
  Institution **:** MET's IOE, BKC, Nashik.

- **Graduation** **:** B.E. (Mechanical Engineering).

  Year of Passing : June 2004.
  Marks Obtained : 65.78 % (First Class)
  Institution : S.S.V.P.S.College of Engineering, Dhule

SUBJECT TOUGHT:

Diploma Level : Theory of Machines, Mechanical Engineering Drawing, Thermal Engineering, Heat Power Engineering, Hydraulic and Pneumatics, Automobile Air Conditioning, Vehicle Dynamics and aerodynamics.

ACADEMIC PROJECTS:

1. Design and Multiphysics Stress Analysis of Pressure Vessel in Low Pressure and Medium Temperature Working Conditions.

Duration**:** M.E. (Computer Aided Design, Manufacture & Engineering) (2019-2020)

The work focused on effect of thermo mechanical constraints on the pressure vessel. The thermal stresses, deformation developed in the finite element analysis (FEA) for the pressure vessel are compared with analytical results. The vessel is designed using ASME section VIII Division 2 and the required thickness of the head, cylindrical shell etc. are to be validated using the FEA tool. The uniform thickness assigned to the entire vessel; the modelling of the pressure vessel is carried out using CAD tool; meshing and further the static and thermal analysis (multi-physics analysis, combined loading) is carried out using ANSYS tool. Also natural frequency of pressure vessel is found out using modal analysis. Study is carried out on two different constraints conditions of the right-hand saddle and performed for constant internal design temperature and internal design pressure. It is found that the pressure vessel is in a safe zone when the right hand saddle is free along axial direction.

TECHNICAL PUBLICATION:

(International Conference):

a. "Design and Multiphysics Stress Analysis of Pressure Vessel in Low Pressure and Medium Temperature Working Conditions", in International Conference on Research Challenges to Multi-Disciplinary Innovation held Goa.(30th March- 01st April 2021).

ACHIVMENTS AND EXTRA ACTIVITIES:

- **a.** Successfully completed Induction Programme Phase-I and Phase II at NITTTR, Bhopal
- **b.** Successfully completed Industrial Training of Technical Teachers, Government Polytechnic, Pune
- **c.** Successfully completed training programme in Engineering Optimization and its Application, TEQIP (II) at Government COE, Aurangabad
- **d.** Successfully completed training programme in Energy and Environmental Conservation (TEQIP II) at Government COE, Jalgaon.
- **e.** Successfully completed training programme in Industrial Automation at NITTTR, Bhopal.
- **f.** Successfully completed training programme in Online Industrial Training on CREO Software, NSIC, Hyderabad.
- **g.** Successfully completed training programme in Student Assessment and Evaluation, National Institute of Technical Teachers Training and Research, Chennai
- **h.** Successfully completed training programme in Prepare Students For Job Interview, NITTTR, Bhopal
- **i.** Successfully completed training programme in Industrial Training in Artificial Intelligence & Machine Learning Using Python, NSIC, Hyderabad.
- **j.** Successfully completed training programme in Advances in CAD and Solid Modeling.
- **k.** Successfully completed training programme in CNC Machines: Program and Simulation.

PERSONAL INFORMATION:

Date of Birth	**:** 22th Sep 1982.
Marital Status	**:** Married.
Nationality	**:** Indian.
Hobbies	**:** Drawing, Painting.
Strength	**:** Adaptability, ability to work in team,
Language known	**:** English, Hindi, Marathi, Gujrathi.
Permanent Address	**:** Mr. Mangulal Shivram Salunke Plot. No.75, Oswal Nagar, Deopur, Dhule. 424005. (Maharashtra)
Communication Address	**:** Flat no.104, Kirtan Building, Hari Sanskruti, Kharjul mala, Nashik road, Nashik. 422101 (Maharashtra)

Date: / /2023

Place: Nashik

Mr. Hitesh Mangulal Salunke