

Name :- AAKASH V. PATEL
Mechanical Engineering(M.Tech)
Email ID :- aakashvpatel16@gmail.com
Contact no. :- 9687458123



Objective:

Can take initiative, work under pressure and have the tenacity to patiently work through an area, for achieving the desired results of organisation.

Academic Qualifications:

EXAMINATION	UNIVERSITY	PERCENTAGE	PASSING YEAR
1. M.Tech (Thermal Engineering) Institute of Technology	Nirma University	CPI-8.69	2018
2. B.E (Mechanical Engineering) Gandhinagar inst. of Technology	Gujarat Technological University (G.T.U)	CGPA-7.76	2015
3. Class 12 Bhulka Vihar School, Surat	Gujarat Higher Secondary Education Board (G.H.S.E.B)	80.31	2011
4. Class 10 Sunflower School, Surat	Gujarat Secondary Education Board (G.S.E.B)	83.08	2009

GATE Examination

- GATE-2016 Qualified(GATE SCORE:- 359)

Work Experience

- Currently I am working as a **Design Engineer** at Prasant Westpoint Machinery Pvt. Ltd. (Prasant Group of Industries), Ahmedabad.
 - **Role:-** Prepare Technical Datasheet, GA drawing, ITP, BOM, MQP and others documents.
 - Undertake complex calculations. Calculate Mechanical and volumetric efficiency, critical speed, GD2 value, CR, PR, Load calculation, Design of pulley & V-belt, sizing of blower etc.
 - Liaise with clients to identify their requirements. Find out the manufacturing requirements by examining materials and production costs.
 - Investigate and undertake analysis on how to improve existing projects or component.
- 1 year work experience as a **Jr.Engineer** at PRV Engineering Pvt. Ltd., Surat.
 - **Role:-** Prepare Welding procedure specification(WPS), Procedure qualification record(PQR) and welding material test sample.
 - Set up and maintain record of welder or welding operator qualification tests for each welder's qualification file, in accordance with ASME Section IX and/or customer contract requirements.

- Develop and test new fabrication processes and procedures, improve existing or develop new welding equipment, develop new or modify current welding methods, techniques, and procedures.

Area of Interest:

- Design, Research & Development, Production, Thermal Design and Analysis.

Academic Project:

1. **M.Tech Dissertation:-** “Computational Fluid Dynamic Modeling of Aerosol Dynamic from Vehicle Exhaust Gas.”
2. **M.Tech Seminar:-** “Solar Thermal Energy Storage and different technics of storage”
3. **B.E Project:-** “Design and Analysis of Electromagnetic Brake for vehicle.”

Technical Skills:

1. ANSYS Fluent, CFX, SolidWorks, HTRI, GAMBIT, Tecplot, Latex, Basic C, AutoCAD, Creo.
2. Microsoft Office PowerPoint, Word, Excel.

Co-Curricular Activities:

- Attended Workshop on Turbomachine Design by GE,Banglore.
- Attended Workshop on Automobile Mechanics & I.C Engine Design by IIT, BOMBAY
- Attended non-technical event like communication skill development in our college.

Industrial Training & Visit:

- Summer **Internship in L&T-MHPS Boiler**, Hazira(6 Week).
- Thermal Power Plant – Wanakbori, Gujarat.
- Indo-German Tool Room - Vatva GIDC, Ahmedabad ,Gujarat.
- Citizen-Khatraj, Ahmedabad,Gujarat.
- Training in Krishak Bharti Co-Operative Limited[KRIBHCO],Surat, Gujarat(2 Week).

Personal Details:

Address : B/367,Kribhco Township, Post-Kribhconagar, hazira road,Surat-394515
Date of Birth : 16/06/1993
Sex : Male
Age : 25 years
Languages Known : English, Hindi and Gujarati
Hobbies : Playing Cricket, Watching Tv, Carrom, Chess.

References:

Dr. J. Banerjee
Dean Academic,
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9879277675

Dr. R. N. Patel
Professor
Institute of Technology, Nirma University.
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Declaration

I hereby declare that the above-mentioned information is true to the best of my knowledge.

(Aakash Patel)