

SUSHIL THAKKAR

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CAREER OBJECTIVE

To obtain a position of responsibilities that utilizes my skills and experience and keen to work in an environment where I can enrich my knowledge make an organization successful.

ACADEMIC TRACK-RECORD

Sr. No.	Qualifications	Board / University	School/ College	Marks Obtained (%age or CGPA)	Year of Passing
1	M. TECH (Thermal)	PDPU, GANDHINAGAR	School of Technology	9.8 (3 rd Sem)	2020
2	B. TECH (Mechanical)	INDUS UNIVERSITY, AHMEDABAD	Indus Institute of Engineering & Technology, Ahmedabad	9.2	2018
3	12 TH	GUJARAT BOARD	Sardar Patel Educational Institute, Bhavnagar	77.8%	2014
4	10 TH	GUJARAT BOARD	Saint Mary High School, Bhavnagar	77.6%	2012

WORK EXPERIENCE

Chegg Inc, India – Subject Matter Expert – Freelance (31/01/2018 - Present)

- Responsible for authoring high-quality solutions for questions from Mechanical Engineering.
- Online Answering of questions of academic curriculum and homework assignments posted by students from global universities.

Rajkot Engineering Testing and Research Intern (3/06/19 to 14/07/19)

- Conducted various testing of material such as Chemical Composition - Spectro Analysis as well as by conventional wet method and Carbon and Sulphur determination by volumetric method and also Physical Properties - Tensile Test, Hardness, Roughness etc.
- Learned the calibration of various equipment such as Pressure Gauge, Vacuum Gauge, etc.
- Associated with the Pump Club under the Rajkot Engineering Association.
- Got the exposure of BIS Standard and Bureau of Energy Efficiency (BEE) related to pumps.
- Contributed with an idea related to Increment in Pump Performance.

ACHIEVEMENTS

- My proposal “**Effect of Impeller geometry on cavitation, noise and performance of the centrifugal pump**” was selected by **ISHRAE Student Project Grant Committee (2019-20)** for my Research Project and got a grant of **INR 1,00,000/-** for Experimental setup.
- For the same Proposal mentioned above, the Project was Sanctioned for the grant of **INR 1,57,600/-** by **Office of Research & Sponsored Program (2019-20)** under Student Research Program for the Experimental setup.

- Qualified Graduate Aptitude Test in Engineering in the field of Mechanical Engineering (**GATE – 2018**) with **49.65 Marks** and a **Gate score of 508**.
- I was Awarded the **POSCO Asia Fellowship twice in 2016 and 2017** by the POSCO TJ Park Foundation for outstanding performance in Academics.
- For Accomplishing the **I-Create Event (2017)**, worked as active member in the group of the 5 people on the topic of the Tuned Mass Damper, because of our Team Work, Presentive & Experimental Work we were **Awarded the 1st Prize**.
- For Managing the Indus Mechanical Engineering Association (IMEA), I was selected as the **Coordinator** of the IMEA 2015-16.

KEY SKILLS SET

Technical Skills

- Hands On experience with CFD analysis in Ansys Fluent & CFX.
- Proficient in SolidWorks with 2D & 3D Modelling.
- Good Skills in Microsoft Office: MS Word, Excel, & PowerPoint.

Soft Skills

- Ability to Work in Team.
- Adaptability to any working environment.
- Good Interpersonal skills.

CO-CURRICULAR ACTIVITES

- Certified for attending CREO Workshop Organized by IMEA.
- Participated in the Sweden-India Nobel Memorial Quiz held in PDP.
- Attended Workshop on Robotics, organized and conducted by Indus Robotics Club.
- Participated in the event of Robo Race held at Nirma University.

PERSONAL INFORMATION

Date of Birth : 13th JUNE 1997
Place of Birth : Bhavnagar
Hobbies : Playing Chess, Solving Sudoku Puzzle, Playing Games.
Languages Known : English, Hindi, Gujarati, Sindhi
Strength : Logical Thinking, Positive Attitude, Focused, Self-Motivated, Optimistic.

DECLARATION:

I hereby declare that all the above stated information is true and correct to the best of my knowledge.

Place: Ahmedabad

Sushil Thakkar