



Vatsal Pandya

Chemical Engineer

Contact Details

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📍 Surat, Gujarat

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Skills

- GOOD TEAM LEADER
- PROJECT MANAGEMENT
- PROBLEM SOLVING
- SMART WORKING
- ADAPTABILITY
- PUBLIC SPEAKING
- FLUENT ENGLISH SPEAKING
- MS OFFICE

Education

- Vishwakarma Government Engineering College, Ahmedabad
Masters of Engineering in Chemical Engineering, May 2019
Score 8.21
- Shroff SR Rotary Institute of Chemical Technology, Ankleshwar
Bachelor of Engineering in Polymer & Rubber Technology, May 2016
Score 8.17
- Indian Rubber Institute, Mumbai, Maharashtra
Diploma in Rubber Technology, Dec 2014

About Me

Dedicated and detail oriented Chemical Engineer with an experience in achieving tangible results and cross-team collaboration. Proactive and excited to partner with like-minded individuals to achieve goals.

Professional Experience

VASANT RUBBER INDUSTRIES, SURAT | MANAGER

MARCH 2020 – Present

- Successfully executed the end-to-end cycle of manufacturing and selling Butyl Rubber Tyre Tubes and Tyre Curing Bladders
- Timely accomplished new product development (Tyre Curing Bladder) and production activities in accordance with R&D road map
- Utilized technical expertise, experience, and up-to-date research findings to select ideal material compositions
- Managed supplier negotiation for top-quality materials at competitive prices
- Managed and ensured compliance with set SOPs for the complete production cycle
- Established high standards for product finishing and implemented thorough quality checks
- Served prospective customers by negotiating deals and providing top-notch product quality and service.

DOLFIN RUBBERS LTD, LUDHIANA | PROCESS QUALITY IN-CHARGE

JULY 2019 – MARCH 2020

- Analyzed and enhanced existing processes across all departments to recommend cost-effective and streamlined alternatives.
- Ensured consistent high-quality standards for products at all stages, including raw material inspection and final dispatch.
- Implemented PDCA methodology for process improvement
- Executed TQM strategies to continuously improve and enhance customer satisfaction
- Sustained strict adherence to FIFO methods

- Shree Swaminarayan HV Academy, CBSE Surat
12th (HSC) Science, March 2012
- Ryan International School, CBSE Surat
10th (SSC), March 2010

Notable Mentions

- Membership at All India Rubber Industries Association
- Attended Two days state level workshop on rubber technology 2016, MIT Pune
- Attended State level conference on Rubber technology 2016, SRICT Ankleshwar
- Attended Four days 9th National level crash course by Indian Rubber Institute 2016, Mysore
- Visited PlastIndia 2015 & 2018, Gandhinagar
- Visited Indian Rubber Expo 2024, Mumbai

Project Details

VASANT RUBBER INDUSTRIES, SURAT | TECHNICAL MANAGER

MAY 2016 - AUG 2017

- Provided technical knowledge to enhance the performance of working staff
- Inspected product manufacturing process to ensure quality standards and compliance with regulations
- Prepared lab reports and checked product quality.
- Ensured raw material quality through comprehensive checks and adherence to technical datasheet

INNOVATIVE TYRE & TUBE LTD., VADODARA | INTERN

MAY 2015

- Learned Industrial practices and Gained practical knowledge

Accomplishments

- Paper Presented at NSGC 2019, Gh Patel College of Engineering, V.V Nagar on Review of Natural Clay, Modification and Characterization of Indian Clay for Further Application in Catalysis
- Paper Presented at ISTE 2019, LDCE Ahmedabad on Review on Montmorillonite and Kaolin Clay; Effect of Acid Treatment on Indian Montmorillonite and Kaolin clay Poster Presented at State Level Conference 2016, SRICT, Ankleshwar on Polyurethane Behavior
- Poster Presented at GTU Central Techfest 2019, GTU Ahmedabad on Clay Catalysts

Curriculum	Project Title	Description
M.E.	MODIFICATION OF INDIAN CLAY FOR FURTHER APPLICATION IN CATALYSIS	I synthesized Zeolite Y from Indian natural clay and checked its potential over esterification reaction. It is a novelty work and was successfully completed.
SSIP	SYNTHESIS OF INDIAN CLAY BASED CATALYST FOR HETEROGENEOUS CATALYSIS	We had metal impregnated various Indian clay and prepared clay catalyst which can be used in chemical industries.
B.E.	SYNTHESIS AND EVALUATION OF MECHANICAL PROPERTIES OF POLYURETHANE	We Synthesized Polyurethane polymer powder and made a film out of powder. We reduced Manufacturing cost of Polyurethane and calculated mechanical properties of Polyurethane Film.