#### **MUHAMMAD SAAD** Asian Paints/ CUSAT/ MTech Polymer Technology (+91) 8474952779 mdsaad58513@gmail.com Kiratpur-246731, Uttar Pradesh



# **Objective**

To build career as a Researcher in Polymer Industry, and to work well with people who are experienced in the domain. Enthusiastic and flexible to work with additional job responsibilities. Exceptional ability to work and learn at the same time to gain experience and knowledge about the system.

## **Educational Details**

•	2021- 2023	Master of Technology, Polymer Technology Cochin University of Science and Technology, Kerala Department of Polymer Science and Rubber Technology
•	2017-2021	Bachelor of Technology, Plastics Engineering
		Central Institute of Petrochemicals Engineering & Technology, Lucknow 73.03%
•	2014-2015	Higher Secondary School Certificate, ISC
		St. Mary's Senior Secondary School, Bijnor (UP) 81.2%
•	2012-2013	Secondary School Certificate, ICSE
		St. Mary's Senior Secondary School, Bijnor (UP)
		73.8%

## **Experience**

I.

August 2022-August 2023

**Project Trainee (Emulsion Department)** Asian Paints Research & Technology Centre, Mumbai

1. Synthesis of Emulsions for High Sheen Stain Resistance Paints: This Emulsion imparts high gloss, good dust pickup resistance and Stain Resistance properties to the paint.

2. Synthesis of Low Particle Size Emulsions for Distemper Paints: This Emulsion imparts properties like Washability, Low Temperature Chalking, Accelerated Oven Stability, Scrub Resistance etc.

#### Trainee II.

#### July 2022- August 2022

Rubber Research Institute of India (RRII), Kottayam, Kerala

"Rubber Compounding and Product Manufacturing

1. Latex based Products like Cushions, Mattresses, Surgical Gloves etc.

2. Dry Rubber based products like Hawaii Sheets & Tire Tread.

#### III. Trainee

Lohia Corp-TTRC, Kanpur, Uttar Pradesh"Handling the Manufacturing Process and Troubleshooting of Plastics Woven Sacks by LOREX 800"Process: Sheet ExtrusionMaterials: PP + AdditivesDie: T-Shaped/Coat

## **Projects**

Project 1: Made Panels based on Bio composite Material.Matrix: PPReinforcement: Tea Mill Waste FiberFinal Product: Panel

**Project 2:** Measurement of Mechanical and Morphological Properties of Sugarcane Bagasse PP Composites Panels.

#### Skills

- Emulsions Formulations
- Polymer Materials
- Emulsion Polymerisation
- Rubber Compounding
- Polymer Characterization

- Polymer Synthesis
- Research Oriented
- Plastics Processing Techniques
- Basics of CAD
- MS Office

### Strength

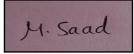
- Quick Adaptability
- Thrive in Ambiguous environments and be confident in my decision-making ability.

## **Achievement & Certifications**

- Plan B Winner in *Rannkshetra 2K19* at **IIIT Allahabad.**
- All India 4<sup>th</sup> Rank in **UPPCB** (Uttar Pradesh Pollution Control board) HACKATHON.
- Introduction to **Plastics Processing & Engineering Software Tools**.
- AutoCAD Mechanical, CAD DESK, 2020.
- **Business Analytics with Excel** by *Simplilearn*.
- Shibaura Machines All Injection Moulding i.e., Materials, Hydraulics and Mechanical.
- NPTEL Online Certification Speaking Effectively, 2022
- NPTEL Online Certification Nature & Properties of Materials, 2022

## Declaration

"I hereby declare that the details and information given above are complete and true to the best of my knowledge".



(MUHAMMAD SAAD) DOB: 26/01/1996

#### June 2019-July 2019