

SANA QURESHI

PAINT TECHNOLOGIST

PERSONAL PROFILE

Postgraduate in Paint Technology. I am currently looking for an opportunity in the research area of Paint, Coating and Resin Industries. Enthusiastic for research and eager to contribute to team success through hard work, attention to detail and excellent organizational skills.

AREAS OF INTERESTS

- Paint Formulation
- Polymer Synthesis
- Resin Chemistry
- Coating

EXPERIENCE

RESEARCH AND DEVELOPMENT OFFICER

IVP Limited, Mumbai | August 2018 - September 2019

- Worked on PU laminating adhesives comprises of solvent base and solvent less two-component adhesive for the packaging application.
- Synthesis PU System for the application of shoe soles: Polyester Polyurethane three-component system as well as the Polyether Polyurethane two-component system.
- Hands-on experience of various quality control analysis techniques and different equipment such as hand laminator, Heat sealer and Bond & Peel strength tester for the testing of PU laminating adhesive.
- Successfully commercialized a few of IVPs high performing products meeting the customer specification.
- Calculating and resolving problems that become obstacles to the R&D agenda and goals of satisfying customers through the development of high-quality products.
- Dealt with a few of customers, took the trials of newly commercialized product at the customer end.

INTERNSHIP TRAINEE

K.Tech India Limited, Mumbai | MAY 2017 – JULY 2017

- A detailed study of polymer additives and the technology of additives master-batch preparation and their formulation, testing on calendaring devices and its application.

CONTACT



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EDUCATION HISTORY

LAXMINARAYAN INSTITUTE OF TECHNOLOGY, NAGPUR

Master of Technology in Paint Technology | 2019 - 2021

- Secured 8.89 CGPA – With Distinction
- Major Project “Smart Anti-corrosion Coating Based on Inhibitor Loaded Nano- containers”

LAXMINARAYAN INSTITUTE OF TECHNOLOGY, NAGPUR

Bachelor of Technology in Plastic and Polymer Technology | 2014 - 2018

- Secured 7.3 CGPA
- Completed Major Project “Turning Waste Soft Drink & Mineral Water Bottles into Polyester Resin: A Step towards Green Technology.”

SKILLS

- Research and analytical abilities
- Detail oriented
- Excellent problem solver
- Management
- Communication

LANGUAGE KNOWN

- ENGLISH
- HINDI
- MARATHI

PROJECTS

- **M.Tech Major Project - “Smart Anti-corrosion Coating Based on Inhibitor Loaded Nano- containers” | 2020 - 2021**
Project on enhancing the anti-corrosion performance of coating by encapsulation of the commercially available inhibitor. The main aim of this project is to describe a new contribution to the development of active anticorrosive films. The 2-Mercaptobenzothiazole (MBT) is widely used as a corrosion inhibitor loaded in silica nanocontainers which is utilized to obtain active anticorrosive coatings.
- **Seminar Project Report on “Micro-encapsulation in Self-healing and Anti-corrosion Coating” | 2019 - 2020**
Self-healing anticorrosive coatings are multi-component so-called smart materials, which have been proposed as a way to long-lasting corrosion protection of steel structures. The presently most promising technology route is based on microcapsules, filled with active healing agents and anticorrosive agents, and has been the focus of the report.
- **B.Tech Project “Turning Waste Soft Drink & Mineral Water Bottles into Polyester Resin: A Step towards Green Technology. | 2017 - 2018**
The waste PET bottles after use thus becomes a serious environmental concern since these bottles do not readily decompose in nature. This project work carried out is mainly focused on the depolymerization of PET waste using glycolysis to produce important raw material like BHET and its further application into commercially value added products such as polyester resin.