

Pratik Banorkar

Maybai ward, Arvi, Wardha

Mail id: - **Banorkar78@gmail.com**

Mobile No. **+91-8849083794**

Profile Summary

- Done Education in the field of **Polymer and Paint Technology from Institute of Chemical Technology, (Formerly UDCT) Mumbai** and LIT, Nagpur
- Work Experience as a **Production and Planning engineer at Avi global Plast, Daman** where exposure To Supply Chain management, Operation management, Quality management System, **Production Planning, Scheduling of Orders, Polymer Processing, Raw material management.**
- Worked as an Intern at **Asian Paints PPG Powder Coating R & D** where exposure to **Product Development, Raw material testing and Characterization**, Standardization of Product on line
- During Master's thesis worked on Research Project "**pH responsive nanocontainer for corrosion protection of Metal substrates**" where exposure to skills Like Literature survey, Bottle Necks of the process, **Finding Scope of Improvement, Troubleshooting the Problems, Practical setup of experiments, Data analysis, Material Characterization.**
- Working on Learning automation skills in the Polymer and Paint Industry by application of **Artificial Intelligence and Industry 4.0**
- Interests in Learning about **Finance, Economics and stock market** which will **contributes in Business and Market analysis Skill**

Work Experience

Asian Paints PPG, Intern- Powder Coating R & D

July 2019– December 2019

- Development of Powder coatings for Automotive, OEM, Industrial Architectural Applications.
- Plan and Execute the experiments in structured way
- Evaluate benchmark samples with the use of appropriate characterization tools and through application
- Evaluate alternate Raw Materials in the existing product formulation for suitability.
- Project done on "**Study of Weathering Resistance of Powder coatings with Resin, Pigments, Hardener and Filler based approach**".

AVI Global Plast, PVT. LTD., Daman: -Production & Planning Engineer

June 2016 to May 2018

- Machine wise planning of the orders for PVC films from the Delivery order received from Marketing.
- Scheduling the Order by considering the *Dispatch date, Machine Efficiency & Specifications, Raw Material Availability, Reduce Changeover wastage, Current status of the machine, quality of the Product, colour changeover & output.*
- Troubleshooting the problems during processing, **Process Optimization & Product Development.**
- Preparation of CAPA (Curative action & Preventive Action report), Data Analysis reports, **Quality Management System Documentation**
- Planning of preventive maintenance of the machines
- Leasing among different departments E.g. Quality, Maintenance, Slitting, Marketing.
- Inventory management & Material requirement Planning from manufacturing to till Dispatch.

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M.Tech Thesis Topic

Corrosion protection of Metal substrates by pH responsive Nanocontainer dispersed Coating using Layer by Layer Technique

- Synthesis of Nanocontainer by using Layer by Layer approach
- Stimuli responsive Nanocontainers for Controlled release of Corrosion Inhibitor
- Modification in Core Material, Polyelectrolyte Material to be done and different Healing agents to be used for Superior Corrosion Protection

Technical Skills

Polymer/Resin Synthesis	Polymer and Paint additives
Polymer and Paint Chemistry	Polymer and Paint Processing
Paints Formulation development	Paint application
Testing and characterization	Business and Market analysis
Research and Development	Production and Planning

Education

- **M.Tech. in Surface coating Technology** (Polymer and Paint) from **Institute of Chemical Technology (formerly UDCT)**, Mumbai Aug 2018 – July 2020[CGPA **8.92**]
- **B.Tech. in Polymer and Paint Technology** from Laxminarayan Institute of Technology (LIT), Nagpur Aug 2012 -May 2016 **CGPA- 7.70**
- **Class 12th (Maharashtra state Board)- 2012- 73.5%**
- **Class 10th (Maharashtra state Board)- 2010- 87.64%**

Certifications

- Basics of stock market and Futures trading Certification from Zerodha Varsity
- Certification in Chemical and Industrial safety from Scandia National Laboratory US
- Certification in implementation of ISO 9001:2015 Quality management System

Hobbies

- Reading about Politics, Finance, economics and Stock Markets.

Personal Information

- Date of Birth: - 16/01/1995
- Gender: - Male
- Marital status: - Unmarried
- Languages known: - English, Hindi, Marathi
- Permanent address: - Maybai Ward, Arvi Dist.: - Wardha 442201 (Maharashtra)