

HARSHAL RAMESH BAGUL

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OBJECTIVE

As a Coating technologist, I look forward to work in an organization, which has a favorable environment, where a lot of exposure is provided for me to contribute to its growth and development. I would be interested to work with a company that would offer a variety of projects along with improving my technical knowledge.

CAREER

Jubilant Agri and Consumer Product Ltd., Noida

5 Dec. 2022 - Present

Research Associate (Grade 8)

- **Technical -**
 - Design and execute synthesis and characterization of Polyurethane resin, Polyvinyl acetate, Ester gum, Alkyd and acrylic resin for wood/general industrial coating and adhesive.
 - Conduct polymerizations, lab experiments, adhesive performance, and application tests
 - Document experimental results, including analysis of data, conclusions, and planning of next experiments.
 - Developed new testing guideline according to product specification stream.
 - Polymer characterization on basis of analytical report (GPC, TGA, GC, FTIR) or on basis of end performance (Adhesion, Drying Properties, Weathering condition) and physical/chemical properties (Viscosity, acid value, OH value, G Color, Softening point, density).
- **Project management -**
 - Participation in monthly IC meeting for new product development status and review all highlighted target, and planning according to the target. project summaries to management team (with Presentation) to ensure appropriate communication of project status and needs.
 - Successfully lead the tactical plans for product development projects, including development and pilot scale up within a project management framework.
 - Provide technical expertise/guidance and support/Collaborate to customers, sales, technical service, quality control, engineering, purchasing groups and marketing during the introduction of new products/processes.
 - Provide creative and insightful solutions to customer application issues and review it with MOM Clarification.

C & E Limited, Baddi (HP)

21 Feb 2022 – 3 Dec. 2022

R & D Officer (Grade 2)

- Preparation of synthesis Formulation for Acrylic Resin (TSA & TPA), Alkyd resin, Polyester, Amino.
- Execution of syntheses with in-process parameters control for all Resin and Paint product families.
- Autonomous work organization and priority setting within defined objectives & deadlines.
- Experimental design with usage of high throughput methodology and equipment.
- Evaluation of resin by taking trial with paint formulation and apply on panel that subjected to long- and short-term testing such as Adhesion, Impact, Gloss, Solvent and Chemical Rub test, Salt Spray, Accelerated Weathering test (QAV), Holiday testing
- Final product characterization according to defined test methods.
- Data management and reporting with short written documents (Excel).
- Writing & presentation of up-scaling reports with follow-up of pilot batches.
- Compliance with good laboratory practices and behavioral-based safety.
- Adherence to quality, safety & environmental ISO procedures.

D.R. Coats Ink & Resins Pvt. Ltd., Mahad

2 March 2021 – 16 Feb. 2022

R & D Chemist

- Develop and evaluate Resin products to meet technical specifications.
- Coordinate the research and development activities associated with project requests.
- Develop reports and documents detailing project activities, results and conclusions.
- Interpret and communicate project activities and results to the manager, colleagues, and customers.
- Support on technical service for production operations and Sales and Marketing.

EDUCATION

- **B.Tech. in Oil and Paint Technology (2020)** 88.66 %
Sant Gadge baba Amravati University, Amravati
- **Diploma in Surface Coating Technology (2017)** 58.74 %
MSBTE (Maharashtra State Board of Technical Education)
- **Higher Secondary Certificate/ 12th (2013)** 72.00 %
MSBSHSE (Maharashtra State Board of Secondary and Higher Secondary Education)
- **Secondary School Certificate/ 10th (2011)** 76.40 %
MSBSHSE (Maharashtra State Board of Secondary and Higher Secondary Education)

INDUSTRIAL TRAINING

Reliable Autotech Pvt. Ltd., Nashik

17 Dec. 2020 – 28 Feb. 2021

Paint Shop Trainee (GET)

As paint Technologist, my responsibility for the reliable was to develop a new setup of the paint shop and shot blasting for their new project. I also took the successful trial parts with finding the defects and troubleshoot, simultaneous setup the proper testing method with complete documentation and also reviewing the audit point.

AkzoNobel India Ltd., Bangalore

12 Dec. 2016 – 28 Apr. 2017

Project Trainee (Marine and Protective Coatings) (Internship)

Worked on formulation development of various paints & value creation using low coast raw material in the technical department & testing quality of raw materials & paint products.

SKILLS

Technical Skills

- Value Creation (Cost Reduction by alternating raw material of process)
- Paint & Resin Formulation Development
- Well Known of SAP System and MS Office.
- Experience in Protective Coating.
- Report writing based on Research.
- Preciously Coating Analysis.

Behavior Skills

- Positive attitude to learn & work
- Good communication skills – Written & oral
- Hard working
- Research oriented.

INTERESTS

- Surfing through Internet
- Detailing research on any technical points.
- Corel Draw designing (Graphical Designing)
- Participating in social activities

PERSONAL DETAILS

- Date of Birth: 26/04/1996
- Marital Status: Married
- Language: • English • Hindi • Marathi
- Address: Panchmukhi Corner, Satana Road, Pimpalner, (Dhule), Maharashtra

REFERENCE

- **Dr. Vasant Belgaonkar**
Technical Advisor at 'Hitech Industries FZE, Dubai'
7045773966
- **Dr. Mahendra Mahajan**
Sr. Executive (R&D) at 'Arkema India'
9975787186