

B ANIL KUMAR

RESEARCH AND DEVELOPEMNT EXECUTIVE

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PROFESSIONAL SUMMARY

Efficient with detail oriented having 5 years of experience in chemical industry and majorly in R&D, Product development, Formula management, testing, innovations in Paint and coating industry and upgrading new trends on its application and performance. Looking for more opportunities to learn and explore more in this industry for both individual as well as organizational growth.

EXPERTISE

Paint and Coating industry

- Water based coating formulation (Architectural – Wall, Wood, Concrete & decorative coatings)
- Deep understanding of individual raw material technology.
- Formulation experience in product vision and Uncountable software platforms.
- Experience in innovative coatings formulation & Technology scouting.
- Part of a new test method developments in advanced coating technology.
- Handling & assessing different application techniques.
- Communication with different internal & external stakeholders via digital platforms.
- Basic understanding of colour matching strategies with advanced equipment & software.
- Handling ERT role as per the safety protocols.

WORK EXPERIENCE

R&D Executive, MRF Vapocure paints Corp Ltd - Chennai, Tamilnadu July 2024 - Present

- Various shade matching and tinting skills with different bases like metallic coating, PU based, Epoxy and wood coating both clear and pigmented coatings.
- The colour development on different basses with efficient technology scouting.
- Project completion within the targeted timeline with all the reports.

Sr. R&D Lab Technician, Behr Process paints India Pvt Ltd-Pune,Maharastra April 2022 - June 2024

- Worked in different product lines Floor, Wood, Specialty, Primers and also interior & exterior wall coatings, Oil base and water based alkyd coatings.
- Knowledge on different software's like Product vision and uncountable platforms for formulation and data base.
- Formulation skills, batch making efficiency including scale up, QA & QC check, physical property testing of different products with different test methods like ASTM & BSTM.
- Using different application tools on different substrates as per the product requirements and analysing the visual and performance data.
- Understanding of key properties of raw materials resin, pigment, extender, rheology, additives, biocides in individual products.
- Raw material science understating and formulation development and optimization according to market needs.
- Tech scouting with new or alternative raw material implementation for improve the performance of product.
- Good knowledge on using different software platforms like X-Rite and Datacolor for colour matching and other properties.
- Analyse experimental data and assists in developing reports results and summarizing the findings.
- Preparing complete documents and reports regarding different operations and daily activities.

- Complete monitoring of Cooling water treatment at site. Daily monitoring Water parameter analysis, Monthly corrosion, scaling, biofouling analysis.
 - Chemical dosing for water treatment like Biocides, Anti scaling agents, Dispersants to maintain various water parameters according to customer needs.
 - Also worked on ClO₂ generator for onsite dosing program.
 - Worked in various plants like NTPC-Darlipalli, LARA) , OPGC- Banharpalli, Sarada Minerals-Raipur.
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EDUCATION

Master of Science in Organic Chemistry

2019-2021

Andhra university, Vishakhapatnam, Andhra Pradesh

- Specialization in Organic chemistry

Bachelor of Science in Organic chemistry

2015-2018

Khallikote university, Berhampur, Ganjam, Odisha

- Specialization in organic chemistry
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PROJECTS AND ACHIVEMENTS

- Successfully completed various offset raw material evaluation. **2023-2024**
 - Several environmental and sustainable raw material evaluation projects completed.
 - Successfully developed various product on wood coating and specialty coating. **2022-2023**
 - Successfully completed projects on Product development, Optimizing the formula cost and also product upgradation
 - Did various tech scouting and formulating on improvement of Wood coatings, Primers, floor, Water based alkyd coatings.
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KEY SKILLS AND COMPETENCIES

- Very Fast Learner & Good Ability to Work under any Condition
 - Undertaking of investigation to find root cause for various non-compliances in production scale.
 - Level headed diplomatic approach to Working with Others.
 - Communicating with different departments
 - Planning and control of critical reactions.
 - Self-motivated and achievement-oriented skills.
 - Expertise in reviewing documents, preparing documents.
 - Planning, monitoring and controlling of activities installation of reactors.
 - Highly organized and dedicated with a positive attitude. Able to set effective priorities and handle assignments under pressure within a tight schedule.
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ADDITIONAL INFORMATION

- **Technical Skills:** Project Management, Leadership, Excellent communication, Problem solving, Innovation.
 - **Languages:** English, Hindi, Odia, Telugu
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DECLARATION

I hereby certify that the information contained in this application is true and correct to the best of my knowledge.