

# ABHINANDAN SHUKLA

Research & Development || Quality Management  
(Paints and Coatings)

*"Targeting assignments in Research & Development and Quality Management with a leading organization of repute with a flair for adopting modern methodologies; complying with quality standards"*

Location Preference: **Delhi (NCR), Lucknow, Gorakhpur**

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## Profile Summary

- **Qualified Chemical Engineer**; offering an experience of 4 years in **Paint and Coatings Sector as Technical Head (R&D)**
- Possess sound knowledge of **Gas Chromatography, Weatherometer, Spectrophotometer**, with vast experience in **Operating Viscometer, Gloss meter, Abraser, Adhesion tester etc...**
- Proficient in **documenting manuals to simplify the work for future references** with proven capability to enhance operational effectiveness and meet operational goals within the cost, time & quality parameters
- Supervised Research & Development management staff and conducted performance review of workers and technicians
- Expert in **Techno commercial work, testing materials, optimizing production** and sustaining the knowledge about the latest technologies
- Rich experience in handling Formulation Development, New Product Development, Manufacturing Operations, QMS Implementation, 5S System, Plant Operations and Hazard Analysis
- successfully commercialized projects like **2K PU System, Soft feel Coating, NC Clear Coat, PU Clear Coat, Primer Coating in NC, PU and WB System, NC and PU Matt Coat, Acrylic Top Coat and Melamine Coat**; undertaken **Heat resistant paints, 2 K WB System, Pigmented Coating, Polyester Coating and Epoxy Coating** projects
- Capabilities in managing production operations involving **resource planning, materials planning, in-process inspection, team building** and coordination with the internal departments
- Knowledge of pigments, dyes, resins, solvents and additives.

## Core Competencies

Formulation Development  
Quality Management  
5S System

Production Planning  
Techno commercial work  
Team Building & Management

Material Planning/Management  
Training and Development

## Work Experience

- 1- **Krishna Murari Organosys Pvt. Ltd., Noida as RD & QA Executive (Feb 2018 to April 2021)**
- 2- **Woodver Coatings Pvt. Ltd. (A joint venture with Verinlegno S.P.A, Italy) ,Bahadurgarh as senior R&D Executive (June 2021 to Dec 2021)**
- 3- **Surface Paints Pvt. Ltd., Lucknow as Assistant Manager (R&D) (Jan 2022 to till date.)**

## Key Results Area

- Inspecting and evaluating the processes to ensure compliance with safety, quality and environmental regulations
- Creating standards & specifications for processes, utilities and products
- providing safety training to the support staff; planning and conducting risk assessments relating to tooling projects
- monitoring overall operations involved in R&D and quality along with the formulation of the products in various systems like NC, PU, W.B. Melamine, Epoxy, Polyester etc... NPd of products
- Focusing on optimization of process parameters; initiating process improvements for achieving bottom line objectives.
- Focusing on cost optimization of products in various system.

## Projects

- Production of Biodiesel from Waste Cooking Oil
- Refining of Degraded Lube Oil
- Plastic Pyrolysis

## Trainings

- Summer Training at India Glycol Limited, Gorakhpur in 2017
- Training at TEVA Pharmaceuticals API India Pvt. Ltd., Gwalior in 2016; received Excellence Certificate for the same

## Knowledge Purview

- Gas Chromatography
- Weatherometer
- Hydrometer and Gloss Meter
- Radial Viscometer and spectrophotometer
- NVM%
- Adhesion tester, Salt Spray test etc...

## IT Skills

- Microsoft Office
- Operating System: Windows XP, 7, 8 and 8.1
- C Language
- ASPEN
- SCILAB

## Academic Details

- **Bachelor of Technology (Chemical Engineering)** from Dr. KNMIET College (Dr. A.P.J. Abdul Kalam Technical University), Lucknow in 2018 with 78.24%
- **12<sup>th</sup>** from Naval's National Academy (CBSE Board), Gorakhpur in 2014 with 70.60%
- **10<sup>th</sup>** from SDDT Inter College (CBSE Board), Gorakhpur in 2011 with 89.30%

## Personal Details

**Date of Birth:** 04<sup>th</sup> September 1996  
**Languages Known:** English and Hindi  
**Address:** Village- Nagra, Post Office- Barhya Chowk, Police Station- Peppeganj, Gorakhpur – 273165, Uttar Pradesh