



# SHIVAM GUPTA

Final Year Undergraduate, Department of Paint Technology, HBTU Kanpur

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## ACADEMIC QUALIFICATIONS

Year	Degree/Certificate	Institute	CGPA/%
2021 - Present	B.Tech. (Paint Technology)	Harcourt Butler Technical University, Kanpur	6.04/10
2020	Class XII (UP Board)	Pt. Munshi Maharaj Inter College, Firozabad (U.P.)	68%
2018	Class X (UP Board)	Swami Ramtirath Inter College, Firozabad (U.P.)	68%

## INTERSHIPS

**Kansai Nerolac Paints Ltd., Bawal** | Summer Intern (June'24- July'24)

- Worked in the **Technical – Auto Department (R&D Department)**, focusing on the development and improvement of automotive paint products.
- Collaborated with senior technical and R&D staff to address challenges in **paint formulation and application**, which led to improvements in product performance and **a deeper understanding of paint manufacturing, application, testing, and defect control.**

## PROJECTS

**To evaluate the Circulation stability and Thixotropic index of primer** (June'24)

- **Systematic Testing:** Performed systematic experiments on primer paint, including viscosity and Thixotropic index checks using various instruments to evaluate paint stability under various conditions over a **7-day circulation period.**
- **Application and Analysis:** Applied primer to CED panels by using robotic systems, cured panels under controlled conditions, and monitored **changes in color and Thixotropic index.**
- **Data Evaluation:** Utilized standard panels from day 1 for comparison and analysis, providing valuable insights into the effects of extended circulation changes on paint properties.

**Addressing Recoat Adhesion Failure through various experiment and find the solution.** (July'24)

- **Problem Identification:** Investigated recoating adhesion failure by conducting experiments, found **inadequate baking due to excessive substrate thickness.**
- **Solution Development:** Successfully resolved the adhesion issue, by **increasing the polyester percentage or increasing the baking temperature.**

## ACHIEVEMENTS

- Hero Campus Challenge 9
- IOCL SUSTAIN-A-THON 2024 (PPT Round)
- Data Visualization Analysis Competition for Tata Elxsi

## TECHNICAL SKILLS

- **Software:** MS Office( Excel, Word, PowerPoint ), Google Sheets, AI Tools
- **Core:** Synthetic Resin (Alkyd, Amino and PU resin), Coating Defects, Testing and Application Methods, Surface Preparation, Basic of Surface Coating.
- **Others:** Team Management, Problem-Solving, Versatile.

## POSITION OR RESPONSIBILITIES

- NSS VOLUNTEER, HBTU
- PACT Committee Member, Hospitality Committee
- Campus Ambassador – International Modal United Nation

## HOBBIES

Chess | Traveling | Cricket | Cooking

"I hereby declare that the details given above are true and correct in best of my knowledge"

Signature