



VAIBHAV AWASTHI

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	6.19 /10
2020	Class XII (ISC)	Dr. Virendra Swarup Education Centre, Kanpur (U.P.)	82.6%
2018	Class X (ICSE)	Dr. Virendra Swarup Education Centre, Kanpur (U.P.)	87.5%

INTERSHIPS

TATA BLUESCOPE STEEL PVT. LTD.

(Jun '24-Jul '24)

- Worked on Metallic Coating and Color Coating of Steel Coils, Profiling of Coils, and Testing of Coils.
- Prepared a Research Report on UV degradation in coil coating formulation and coating durability.

PROJECTS

UV Durability of Coil Coatings

(Jun'24-Jul'24)

- Investigated the durability and performance of Coil Coatings.
- Analyzed the impact of UV exposure on the coatings' physical and chemical properties.
- Performed various Tests to analyze the weatherability of coil-coated panels.

Preparation of Alkyd Resin by Monoglyceride Process

(Dec'23)

- Prepared monoglyceride using Glycerol with Linseed Oil in a Three Neck Round Bottom Flask.
- Preparation of alkyd by reacting Monoglyceride with Phthalic Anhydride.

ACHIEVEMENTS

- Advanced to the second round of Sustainability Hackathon'24 by IOCL.
- Logistics Associate at AAGAZ'24, HBTU
- Industrial Presentation at PACT'23 on "Aluminum Flake Pigments".

TECHNICAL SKILLS

- **Core:** Resins (Epoxy, Polyurethane, Acrylic)
Application Techniques (Electrostatic Spray Gun, Robot Application, Paint Booth, etc.)
Pretreatment of Substrate (Plastic, Metal, etc.)
CED Coating
- **Software:** MS Word, MS PowerPoint, MS Excel, Google Sheets

POSITION OR RESPONSIBILITIES

- **Public Relations Associate** at Cultural fest ADHYAAY'23, HBTU
- **Student Co-Member** at PACT HBTU.
- Committee Member at NSS, HBTU.

HOBBIES

Photography | Reading Books | Football

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

Vaibhav