



SALAH ISHTIYAQUE

MUKADAM

Polymer Scientist

Junior scientist intern with experience at Pidilite Industries Ltd in Mumbai, Maharashtra. Conducted in-depth analysis of emulsion polymerization methods, enhancing production efficiency. Studied the impact of diverse fillers and additives on polymer powder properties and formulated development strategies to improve performance. Proficient in polymer synthesis, characterization, and various polymerization techniques including free radical, condensation, and addition polymerization. Skilled in spectroscopy, chromatography, experimental design, project management, team collaboration, and leadership. Aspiring to contribute to innovative research and development in the field of polymers.

Contact

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MUKADAM

Borli Panchatan, Maharashtra,
India

Education

Bachelor of Science, Chemistry

VNC college of mhasla
2019-2022
Mhasla, MH

Master of Polymer Science

SOMAIYA VIDYAVIHAR
UNIVERSITY
2022-2024
Mumbai, Maharashtra

Projects

- Emulsion Polymerization.
- Effects of fillers and additives on polymer powder properties through blending.

Experience

Pidilite Industries Ltd | Junior scientist intern

Dec2023- Feb2024

Mumbai, Maharashtra

- Performed in-depth analysis of emulsion polymerization methods, enhancing production efficiency.
- Studied impact of diverse fillers and additives on polymer powder properties.
- Formulated development strategies to enhance polymer powder performance.

Skills

- Polymer Synthesis
- Emulsion polymerization
- Condensation polymerization
- Addition polymerization
- Spectroscopy
- Chromatography
- Experimental Design
- Project Management
- Team collaboration
- Leadership
- Multitasking
- Literature review
- Lab safety protocols
- Scientific writing

Language

English

Hindi

Hobbies

- Give a charity