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School of Science
Department of Chemistry

"Report on Industrial Visit at Vadivarhe Speciality Chemicals Nashik"

Event Activity Report- **"Report on Industrial Visit at Vadivarhe Speciality Chemicals Nashik"**

Academic Year 2024-2025

College Name: School of Science, Nashik

Department: Department of chemistry

Event Date: 10 October 2024

Duration in days: One Day

Location: Vadivarhe, Nashik

Participants: MSc Students from Departments of Chemistry and Faculty Members

Mode of conduction: offline

Vadivarhe Industry Resource Person: K. L. Patil Head Production Deapartment

Event Coordinator

1. Dr. Sneha Tambat, Assistant professor
2. Parag P. Chavan, Assistant professor

Introduction

The visit to Vadivarhe Speciality Chemicals aimed to provide insights into the operations, manufacturing processes, and innovations within the speciality chemicals sector. Vadivarhe is known for its commitment to quality and sustainability in chemical production.

Company Overview

Vadivarhe Speciality Chemicals Limited (VSCL) is an Indian company that manufactures organic, inorganic, and bio-chemicals, as well as bulk drugs, drug intermediaries, and active pharmaceutical ingredients (APIs). VSCL is located in Vadivarhe near Nashik

➤ Products	○ Intermediates, personal care ingredients, specialty chemicals, and APIs
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➤ Focus	○ Organic chemicals, custom synthesis, and research and development
➤ Manufacturing facility	○ GMP (Good Manufacturing Practice) facility
➤ Clients	○ Glaxo Smithkline Pharmaceuticals Ltd, Fine Organics Ltd UK, Chem-Impex International INC, DC Fine Chemicals, USV Ltd, Lupin Ltd, Mankind Pharma Limited, Himedia Laboratories Pvt. Ltd., and Hetero Labs Ltd
➤ Strengths	○ Meticulous production process, GMP facility, and quality conscious personnel

Highlights of the Visit

1. Facility Tour:

- The tour included a walkthrough of the production facilities, where participants observed the state-of-the-art machinery and adherence to safety protocols.
- Demonstrations of the manufacturing processes for key products were conducted, showcasing the integration of automation and precision.

2. Research and Development:

- The R&D department was highlighted as a core component of Vadivarhe's strategy, with ongoing projects aimed at developing eco-friendly alternatives.
- Collaboration with academic institutions for research projects was discussed, emphasizing innovation in product development.

3. Sustainability Initiatives:

- The company has implemented several initiatives to reduce its environmental footprint, including waste management practices and energy-efficient production techniques.
- Commitment to sustainability was evident in their sourcing of raw materials and packaging solutions.

4. Pilot plant Set up:

- The company has set up a pilot plant for testing the process researched by Research and development department and then after checking all the quality control aspects goes to production plant.

5. Quality Assurance:

- The visit included a look at the quality control processes in place to ensure that products meet international standards.
- Testing labs equipped with advanced technology were demonstrated, emphasizing the importance of quality in speciality chemicals.

Key Takeaways

- **Innovation:** Vadivarhe's strong focus on R&D positions it well in a competitive market, particularly in developing sustainable solutions.
- **Quality Commitment:** Their rigorous quality assurance processes ensure reliability and consistency in their product offerings.

- **Sustainability Focus:** The initiatives undertaken for environmental sustainability are commendable and align with global trends toward greener practices.

Conclusion

The visit to Vadivarhe Speciality Chemicals provided valuable insights into the operational efficiencies and innovative practices within the speciality chemicals industry. The company's commitment to quality, sustainability, and continuous improvement stands out as a model for others in the sector. Further collaborations and exchanges of knowledge between industry and academia could further enhance the growth trajectory of Vadivarhe and the speciality chemicals market.



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