



INDUSTRIAL VISIT REPORT



Chaitanya pharmaceuticals company Pvt.Ltd.

ACKNOWLEDGMENT

I thoroughly express my gratitude towards the **Chaitanya pharmaceuticals Pvt Ltd** an leading company in ayurvedic formulations. I quote my special thanks and appreciation towards the plant head **Mr. Jagdeep Borse** and **H.R. Manager Ms. Shital Boraste** whose both knowledge and welcoming attitude towards student and an visual insight made us feel very warm and informative.

Ms Ashwini and **Mr. Rokade** also paid an hands on experience during the entire visit clearing each and every doubt clearly which made it a knowledgeable and worth catching.

Our faculty member, **Ashwini Bacchav Mam** who played an important role to make seeking knowledge easy and smooth way and that too in an new environment. Lastly I express gratitude towards my institution **M.V.P's Samaj College of Pharmacy, Nashik** for granting me such an erudite and practical approached experience.

Thank you

Objectives of visit~

1. To provide students or visitors with a firsthand look at the industrial processes involved in the production of goods and services.
2. To help bridge the gap between theoretical knowledge and real-world application. Visitors can observe the actual steps in manufacturing, packaging, quality control, and distribution.
3. To understand the standard operating procedures and best practices followed in an industrial setting.
4. To gain an understanding of the entire supply chain, from raw material procurement to product distribution
5. To understand the regulatory and compliance requirements for manufacturing, especially in highly regulated industries like pharmaceuticals
6. To provide networking opportunities with industry professionals and experts.
7. To understand the role of industry in the economy and its impact on market trends.
8. To provide networking opportunities with industry professionals and experts.

Overview of the Organization

Chaitanya Pharmaceuticals is a leading Ayurveda formulatory company. The company specializes in the manufacturing of type of products like Ghana, churna, kadha, ayurvedic tablets, bhasma, etc. Their mission is to provide high-quality pharmaceutical products while adhering to regulatory standards like specific standards such as GMP, FDA approval, WHO certification.

Process Observed During the Visit-

During the visit, we had the opportunity to observe several key aspects of the pharmaceutical manufacturing process:

- **Raw Material Procurement:** The initial stage of manufacturing involves sourcing raw materials, ensuring they meet stringent quality requirements.
- **Manufacturing Process:** We observed the various stages of the production process, including formulation, mixing, and tablet compression. The importance of hygiene and contamination prevention was emphasized.
- **Quality Control and Testing:** The company follows rigorous quality control measures at different stages of production. We visited the QC lab, where raw materials and finished products undergo various tests to ensure they meet quality standards.
- **Packaging:** We saw how products are packaged to prevent contamination and ensure accurate labeling. The packaging process is automated to improve efficiency and maintain safety standards.
- **Compliance and Regulatory Standards:** We learned about the certifications Chaitanya Pharmaceuticals holds, such as GMP compliance, and the importance of adhering to national and international regulations.

Technologies Used in the Manufacturing Process-

- **Automation:** The manufacturing unit uses advanced automation systems for efficient production and packaging. This reduces human error and enhances product consistency.
- **Testing Equipment:** The company utilizes sophisticated testing instruments in the quality control laboratory to test the potency, purity, and stability of pharmaceutical products.
- **Software Systems:** The company uses integrated software for inventory management, production scheduling, and maintaining traceability of products through the supply chain.

Observations-

- The company's production facilities are highly organized, and every section adheres to strict hygiene and safety standards.
 - The workforce is trained to follow industry best practices, ensuring that the quality of products is maintained at every stage of production.
 - Sustainability practices are implemented in the production and packaging processes, including waste management and energy conservation.
 - There is a clear focus on employee safety, with various protocols in place to prevent accidents and maintain a safe working environment.
-

Learning Outcomes-

From this visit, I have gained valuable insights into the pharmaceutical manufacturing industry. Key takeaways include:

- A better understanding of the pharmaceutical manufacturing process, from raw material procurement to the final product.
- The critical role of quality control and testing in ensuring the safety and efficacy of pharmaceutical products.
- The importance of compliance with national and international standards, such as GMP and FDA regulations.
- Insights into the sustainability and safety practices that industries like Chaitanya Pharmaceuticals adopt.

-Waste management scheme named-

- T-Transportation
- I-Inventry
- M-Motion
- W-Waiting
- O-Overproduction
- O-Overprocessing
- D-Defects.

Conclusion-

The industrial visit to Chaitanya Pharmaceuticals was a highly informative and educational experience. It provided me with practical insights into the pharmaceutical manufacturing process and the importance of quality assurance, regulatory compliance, and innovation in this field. The visit has deepened my understanding of the challenges faced by the pharmaceutical industry and how companies like Chaitanya Pharmaceuticals contribute to the healthcare sector.

The industrial visit proved to be an invaluable experience, bridging the gap between theoretical knowledge and real-world practices. It provided insights into the operational processes, production techniques, and technologies used in the industry. Observing the workflows and interacting with professionals allowed us to understand the complexities involved in production, quality control, and resource management. The visit also highlighted the importance of innovation, safety standards, and efficiency in modern industries.



Made By-Runzun Ghansham Patil

Std-S.Y.Bpharm

Roll no-131

Date of visit-5/02/25