



## **INDUSTRIAL VISIT REPORT - THIRD YEAR**

### **B. PHARMACY STUDENTS**

**Date of Visit:** 03-Sep-2024

**Location of Visit:** Sai Genome Biotech Pvt. Ltd., Sinnar (Nashik)

**Prepared by:** Dr. Umair Ahmed, Prof. Mohammed Aabid

**Submitted to:** IQAC Incharge (Dr. Umair Ahmed)



## CERTIFICATE OF COMPLETION

This is to certify that the industrial visit to **Sai Genome Biotech Pvt. Ltd, Sinnar (Nashik)** was successfully conducted on **03rd September 2024** with the participation of the third-year B. Pharmacy students.

The visit provided valuable insights into the biotechnological processes and their applications in the pharmaceutical industry, significantly enhancing the students' practical knowledge and understanding of the subject.

This certificate is issued to acknowledge the successful completion of the industrial visit, which was organized and supervised by **Dr. Umair Ahmed** and **Prof. Mohammed Aabid**.

**Dr. Rashid Akhtar**



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## INTRODUCTION

The industrial visit to Sai Genome Biotech Pvt. Ltd, Sinnar (Nashik), was organized on 03rd September 2024 for the third-year B. Pharmacy students of the Royal College of Pharmaceutical Education and Research. The primary objective of this visit was to bridge the gap between theoretical knowledge and practical application in the field of biotechnology and pharmaceuticals.

Sai Genome Biotech Pvt. Ltd is a leading organization specializing in advanced biotechnological research and production, particularly in the areas of genetic engineering, molecular biology, and pharmaceutical biotechnology. This visit provided students with a unique opportunity to observe and understand the complex processes involved in biotechnology, including the development and production of biopharmaceuticals, quality control measures, and the application of innovative technologies in the pharmaceutical industry.

The visit aimed to enhance the students' understanding of how biotechnological advancements are implemented in real-world pharmaceutical settings, thereby preparing them for future roles in research, development, and quality assurance within the pharmaceutical industry.



## DETAILS OF THE INDUSTRY

### Industry Profile:

Sai Genome Biotech Pvt. Ltd, located in Sinnar (Nashik), is a prominent biotechnology and pharmaceutical company known for its cutting-edge research and manufacturing capabilities. The company specializes in the production of a wide range of pharmaceutical dosage forms, including tablets, capsules, ointments, and liquid formulations. With a focus on quality and innovation, Sai Genome Biotech Pvt. Ltd plays a significant role in the pharmaceutical industry, supplying both domestic and international markets.

### Relevance to Curriculum:

The industrial visit to Sai Genome Biotech Pvt. Ltd was highly relevant to the B. Pharmacy curriculum, particularly in the areas of pharmaceuticals, pharmaceutical manufacturing, and quality assurance. The students had the opportunity to observe the production processes for various dosage forms, including:

- **Tablets:** Solid dosage forms that are widely used in the pharmaceutical industry for oral administration.
- **Capsules:** Encapsulated dosage forms that offer a versatile option for drug delivery.
- **Ointments:** Semi-solid preparations designed for topical application, which involve specialized formulation techniques.
- **Liquid Dosage Forms:** Solutions, suspensions, and emulsions used for oral or topical administration, requiring precise manufacturing and quality control processes.

This visit allowed students to gain practical insights into the manufacturing processes, machinery, and quality control measures involved in the production of these pharmaceutical products, thereby enhancing their understanding of industrial practices and their application in the pharmaceutical field.



## ITINERARY

The following is the detailed itinerary of the industrial visit to Sai Genome Biotech Pvt. Ltd, Sinnar (Nashik), conducted on 03rd September 2024 for third-year B. Pharmacy students:

### 08:00 AM

- **Departure from College:** Students and faculty members assembled at the super market area, Malegaon. Attendance was taken, and the group departed for Sai Genome Biotech Pvt. Ltd.

### 10:00 AM

- **Arrival at Sai Genome Biotech Pvt. Ltd:** The group arrived at the industry site in Sinnar, Nashik. A brief orientation session was conducted by the company representatives to welcome the students and provide an overview of the day's activities.

### 10:30 AM – 12:30 PM

#### Tour of Manufacturing Facilities:

- **Tablet Manufacturing Unit:** Observation of the tablet production process, including granulation, compression, and coating.
- **Capsule Manufacturing Unit:** Exploration of the encapsulation process and the equipment used for filling and sealing capsules.
- **Ointment Production Area:** Insight into the formulation and packaging of ointments, including the heating and mixing processes.
- **Liquid Dosage Forms Unit:** Detailed understanding of the production of liquid formulations, including mixing, filling, and packaging.

### 12:30 PM – 01:00 PM

- **Interaction Session:** Students had the opportunity to interact with the industry professionals, ask questions, and gain further insights into the production processes and quality control measures.



**01:00 PM – 02:00 PM**

- **Lunch Break:** A lunch break was provided at the company's cafeteria.

**02:00 PM – 03:00 PM**

- **Presentation on Biotechnology in Pharmaceuticals:** A presentation was delivered by a senior scientist from Sai Genome Biotech Pvt. Ltd, covering the role of biotechnology in the development of innovative pharmaceutical products.

**03:00 PM – 03:30 PM**

- **Q&A Session:** An open floor for students to ask questions and discuss their observations from the visit.

**03:30 PM**

- **Departure from Sai Genome Biotech Pvt. Ltd:** The group departed from the industry site and headed back to the Malegaon.

**05:30 PM**

- **Arrival at College:** The group arrived back at the college, marking the successful completion of the industrial visit.

This itinerary ensured a comprehensive and structured experience for the students, allowing them to observe, learn, and engage with the pharmaceutical manufacturing processes firsthand.



## PARTICIPANTS

SR. NO.	NAME OF STUDENT	MOBILE NUMBER
1	Aadil Khan Saleem Khan	7249096378
2	Aafreen Firdaus Mohammad Ilyas	7249425899
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7	Ansari Saqib Anjum Fazlurrahman	7020523898
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12	Mohammad Umair Mohammad Hafeez	7558449825
13	Mohammad Awais Zahoor Ahmed	8087251675
14	Mohammed Kaif Nasir Ahmed	8669468752
15	Mohd Aqib Ansari	7071963539
16	Mohammed Noman Mohammed Irfan	7219337845
17	Momin Mohammed Zakwan Altaf Husain	9975032411
18	Momin Saheb Abdullah	8600190605
19	Osaid Ahmed Tahir Husain	9422629619
20	Osaid Ahmed Jameel Ahmed	8668564910
21	Pathan Khushi Azam	7499331638
22	Pinjari Sahil Jakir	7745804072
23	Qafiya Shaikh Yaseen	7887617112
24	Saad Aamir Taslim Arif	9096665925
25	Saima Khatoon Wasim Ahmed	9696236004
26	Shiakh M Nabil Sirajuddin	8108088354
27	Waseem Akram Ismail Khan	8805248783
28	Yasmeen Nikhat Khaleel Ahemed	8855948202
29	Momin Mohammed Musaddique Zahid Akhtar	9284851934

**Dr. Rashid Akhtar**

**INDUSTRIAL TOUR OF THIRD YEAR B. PHARMACY AT SAI GENOM BIOTECH PVT LTD.**

**SINNAR, DIST. NASHIK, DATE OF VISIT: 03 SEP 2024**



**SAI GENOM BIOTECH PVT LTD**

**ROYAL COLLEGE OF PHARMACEUTICAL EDUCATION AND RESEARCH, MALEGAON**

**INDUSTRIAL TOUR OF THIRD YEAR B. PHARMACY AT SAI GENOM BIOTECH PVT LTD.**

**SINNAR, DIST. NASHIK, DATE OF VISIT: 03 SEP 2024**



**SAI GENOM SEMINAR HALL**

**ROYAL COLLEGE OF PHARMACEUTICAL EDUCATION AND RESEARCH, MALEGAON**

**INDUSTRIAL TOUR OF THIRD YEAR B. PHARMACY AT SAI GENOM BIOTECH PVT LTD.**

**SINNAR, DIST. NASHIK, DATE OF VISIT: 03 SEP 2024**



**QUALITY CONTROL DEPARTMENT [HPLC]**

**ROYAL COLLEGE OF PHARMACEUTICAL EDUCATION AND RESEARCH, MALEGAON**

**INDUSTRIAL TOUR OF THIRD YEAR B. PHARMACY AT SAI GENOM BIOTECH PVT LTD.**

**SINNAR, DIST. NASHIK, DATE OF VISIT: 03 SEP 2024**



**IPQC LAB**

**ROYAL COLLEGE OF PHARMACEUTICAL EDUCATION AND RESEARCH, MALEGAON**

**INDUSTRIAL TOUR OF THIRD YEAR B. PHARMACY AT SAI GENOM BIOTECH PVT LTD.**

**SINNAR, DIST. NASHIK, DATE OF VISIT: 03 SEP 2024**



**OINTMENT FILLING AREA**

**ROYAL COLLEGE OF PHARMACEUTICAL EDUCATION AND RESEARCH, MALEGAON**

**INDUSTRIAL TOUR OF FINAL YEAR B. PHARMACY AT SAI GENOM BIOTECH PVT LTD.**

**SINNAR, DIST. NASHIK, DATE OF VISIT: 03 SEP 2024**



**TABLET PACKAGING AREA**

**ROYAL COLLEGE OF PHARMACEUTICAL EDUCATION AND RESEARCH, MALEGAON**

**INDUSTRIAL TOUR OF THIRD YEAR B. PHARMACY AT SAI GENOM BIOTECH PVT LTD.**

**SINNAR, DIST. NASHIK, DATE OF VISIT: 03 SEP 2024**



**ROYAL COLLEGE OF PHARMACEUTICAL EDUCATION AND RESEARCH, MALEGAON**

**INDUSTRIAL TOUR OF FINAL YEAR B. PHARMACY AT SAI GENOM BIOTECH PVT LTD.**

**SINNAR, DIST. NASHIK, DATE OF VISIT: 19 JULY 2023**



**ROYAL COLLEGE OF PHARMACEUTICAL EDUCATION AND RESEARCH, MALEGAON**