

Dr. Chunibhai Vallabhbhai Patel College of Pharmacy



REPORT ON INDUSTRIAL VISIT AT GUFIC BIOSCIENCES LTD.

Date & Time: 23th March 2025

Venue: Gufic Biosciences Ltd., Navsari, Gujarat.

Organized by: Dr. Chunibhai Vallabhbhai Patel College of Pharmacy, Uka Tarsadia University, Bardoli.

No. Participants: 30

An industrial visit to Gufic Biosciences Ltd., Navsari was conducted to provide practical knowledge to the students in the injectable pharmaceutical industry. The industrial visit was conducted to improve the knowledge of the students in the parenteral pharmaceutical industry. The industrial visit was conducted by Mr. Jigal Hirawala (Assistant Professor) along with the faculty members Ms. Binal Patel and Ms. Kashish Vashi and final year B.Pharm students.

Objective:

- To gain knowledge of the manufacturing process of injectable products
- To gain knowledge of the aseptic process and the conditions maintained in the pharmaceutical industries
- To gain knowledge of the packaging process of parenteral products
- To gain knowledge of the GMP and clean room conditions maintained in the pharmaceutical industries
- To gain knowledge of the quality control process of parenteral products

TECHNICAL EXPOSURE AND AREA-WISE EXPLANATION

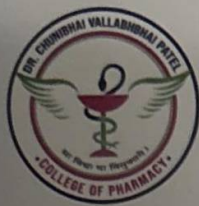
Raw Material & Warehouse Section

- Storage of API and excipients
- Storage of WFI (Water for Injection)
- Labeling system for approved, rejected, and quarantine status
- FIFO and FEFO systems followed
- Controlled material transfer to sterile areas

Parenteral Manufacturing Process

Step 1: Solution Preparation

- API dissolved in Water for Injection



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- pH adjustment and mixing

Step 2: Filtration

- Sterile filtration using 0.22 μm membrane filters

Step 3: Aseptic Filling

- Filling of solution into containers:
 - Glass vials
 - Ampoules
- Process carried out in a Class 100(ISO 5) cleanroom

Step 4: Sealing

- Ampoules are closed by heat
- Vials closed by using a rubber stopper and aluminum cap

Step 5: Sterilization

- Autoclaving process employed
- Ensures sterility and safety of the drug

Cleanroom & Aseptic Area

- Controlled environment maintained
- HEPA filters employed
- Gowning of people
- Controlled entry

Packaging Section

- Primary Packaging
 - Glass vials and ampoules
 - Rubber stoppers and aluminum caps
 - Amber containers for light-sensitive drugs
- Secondary Packaging
 - Cartons and labeling
 - Batch number, expiry, and storage instructions



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Quality Control (QC) Department

- Sterility tests
- Pyrogen/endotoxin tests
- Particulate matter tests
- Visual examination of injectables
- Leak test

Quality Assurance (QA) Department

- GMP regulations adhered to
- Documentation:
 - SOPs
 - Batch Manufacturing Records (BMR)
- Validation:
 - Process validation
 - Cleaning validation
- Deviation handling and CAPA

SAFETY AND REGULATORY PRACTICES

- Use of PPE kits (gloves, masks, gowns)
- WHO GMP compliance
- Environmental monitoring
- Strict hygiene and contamination control

LEARNING OUTCOMES

- Knowledge of manufacturing of sterile injectables
- Understanding of aseptic techniques\



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- Familiarization with clean room techniques
- Importance of packaging in maintaining sterility
- Exposure to quality control practices in industry

GLIMPSE OF VISIT



Navsari, Gujarat, India 

Wxv6+rpv, Gidc Kabilpore, Navsari, Gujarat 396427, India

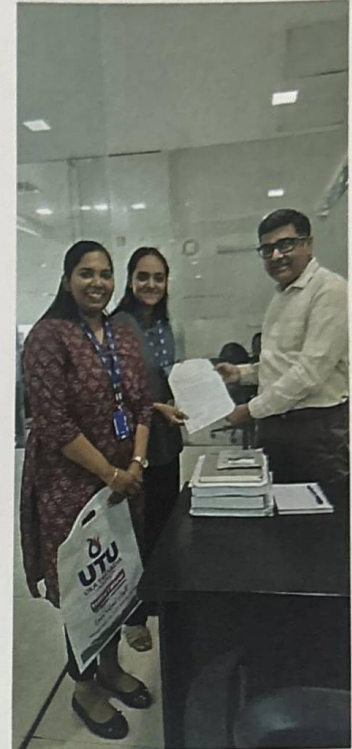
Lat 20.945101° Long 72.962038°

Monday, 23/03/2026 12:19 PM GMT +05:30

GPS Map Camera



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Report submitted by: Mr. Jigal Hirawala

Ms. Geeta Nandaniya

Dr. Pranav Shah

Director, DCVPCP



Principal
Dr Chunibhai Vallabhbhai Patel
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Maliba Campus, Bardoli - Mahuva Road,
Tal : Mahuva Dist : Surat, (394 350)



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List of Students:

Sr.No.	Enrollment No.	Name	Signature
1.	202203100210086	Purohit Manan Amitkumar	
2.	202203100210089	Lathia Harshil Rajeshbhai	
3.	202203100210126	Gajera Mayur Nileshbhai	
4.	202203100210127	Radadiya Mitul Nareshbhai	
5.	202203100210129	Patel Naiya Tarunkumar	
6.	202203100210130	Nagani Hasti Arvindbhai	
7.	202203100210132	Hridya Rangpariya	
8.	202203100210135	Patel Srushti Manojbhai	
9.	202203100210136	Vasani Tamanna Jaysukhbhai	
10.	202203100210138	Kachhadiya Tushar Dineshbhai	
11.	202203100210139	Lakhani Raj Ashokbhai	
12.	202203100210140	Priyam Jha	
13.	202203100210141	Tanisha Hiren Prajapati	
14.	202203100210142	Ahir Binali Vinodbhai	
15.	202203100210144	Patel Krupali Alpeshbhai	
16.	202203100210145	Katrodiya Dhruvkumar Sureshbhai	
17.	202203100210146	Patel Priyanshi Dipeshbhai	
18.	202203100210152	Patil Vaibhavi Dipak	
19.	202203100210155	Nandaniya Geetaben Nagabhai	
20.	202203100210157	Mangroliya Jay Nitinbhai	
21.	202203100210158	Parekh Dhruv Vipulkumar	
22.	202203100210165	Vaghasiya Shubham Rameshbhai	
23.	202203100210167	Patel Chintan Kamleshbhai	
24.	202203100210172	Patil Dhiraj Pravin	
25.	202203100210173	Kakadiya Nehaben Alpeshbhai	
26.	202203100210174	Patel Frenyben Rajendrabhai	
27.	202203100210177	Amarendra Tripathy	
28.	202203100210179	Nandini Soni	
29.	202203100210180	Ramani Harsh Maheshbhai	
30.	202203100210182	Prajapati Keyur Dineshbhai	

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