INDUSTRIAL VISIT REPORT

(Academic Year: 2025–2026)

Institution: Shri Vile Parle Kelavani Mandal's College of Pharmacy, Shirpur
Date of Visit: 30th April 2026
Location: Sangeeta Pharma, Sinnar, Maharashtra.
Mode: Offline (Industrial Visit)
Target Audience: B. Pharmacy First-Year Students
Organized by: Dr. Akey Krishna Swaroop, Training and Placement Officer
Participants: 38 Students (24 Girls, 14 Boys) and 5 Faculty Members

Objective of the Visit:

- To provide practical exposure to pharmaceutical industrial operations
- To understand real-time drug manufacturing processes
- To bridge the gap between theoretical knowledge and industrial application
- To familiarize students with GMP practices, quality control, and packaging

Pre-Visit Communication:

The institution formally communicated with Sangeeta Pharma via email on 15th April 2026. The company granted permission on 16th April 2026, confirming the visit on 30th April 2026 at 11:30 AM, along with safety instructions for students (apron and cap).

Schedule of Visit:

- Departure from Shirpur: 5:30 AM
- Arrival at Sinnar: 11:30 AM
- Industrial Visit Duration: ~3 hours
- Return from Sinnar: 4:00 PM
- Arrival at Shirpur: 11:30 PM

Description of the Visit:

- ✓ The industrial visit commenced early morning from Shirpur at 5:30 AM, with students and faculty traveling together. Upon arrival at Sangeeta Pharma, Sinnar at 11:30 AM, the team was warmly welcomed by the HR representative, Mr. Paresh Patil.
- ✓ An introductory session was conducted where students were briefed about the company profile, manufacturing capabilities, and product range.
- ✓ Students were then divided into three batches (approximately 12 students each) to ensure effective learning and smooth movement within the facility.

Safety Measures:

Students were provided with:

- ✓ Head caps
- ✓ Shoe covers
- ✓ Face masks

Students, faculty members, and Principal assembled during departure from Shirpur at 5:30 AM for the industrial visit to Sangeeta Pharma, Sinnar.

Students wearing head caps, shoe covers, and masks before entering the facility (GMP safety compliance).

Departments Visited & Learning Outcomes:

a) Manufacturing Department:

Students were provided in-depth exposure to pharmaceutical manufacturing processes, particularly focusing on both solid and liquid dosage forms.

- ✓ **Solid Dosage Forms:**

  Students observed various stages such as dispensing, granulation (wet/dry), drying, lubrication, compression, and coating. The working principles of tablet compression (punching) machines, coating pans, and granulators were explained in detail. Students

understood how uniformity, hardness, and disintegration time of tablets are maintained during production.

- ✓ **Liquid Dosage Forms:**
  Students were introduced to syrup and suspension preparation processes, including mixing, filtration, and storage in stainless steel containers. They learned about the importance of homogeneity, viscosity control, and contamination prevention in liquid formulations.
- ✓ **Key Learning Outcome:**
  Students gained clarity on the step-by-step transformation of raw materials into finished dosage forms under controlled environmental conditions following GMP guidelines.

Liquid filling machine used for filling pharmaceutical liquid formulations.

Active participation of students during the industrial visit inside the manufacturing facility.

b) Quality Control (QC) & Quality Assurance (QA):

Students visited the QC and QA departments, which play a crucial role in ensuring product safety, efficacy, and compliance.

- ✓ **Analytical Instruments Observed:**
  - ✓ HPLC (High Performance Liquid Chromatography) – for quantitative analysis
  - ✓ Gas Chromatography (GC) – for volatile compounds
  - ✓ UV Spectrophotometer – for absorbance-based analysis
  - ✓ IR Spectroscopy – for functional group identification
  - ✓ pH Meter – for acidity/alkalinity measurement
  - ✓ Karl Fischer Apparatus – for moisture content determination
  - ✓ Stability Chambers – for stability testing under controlled conditions
- ✓ **Quality Systems:**
  Students learned about in-process testing, finished product testing, documentation practices (BMR, BPR), and regulatory compliance as per GMP norms.
- ✓ **Key Learning Outcome:**

Students understood the importance of quality assurance systems and how analytical techniques ensure drug safety and consistency.

Demonstration of HPLC technique in the Quality Control laboratory for students.

Explanation of stability chamber and UV analysis in the Quality Control laboratory for students.

c) Packaging Department:

Students observed the final stage of pharmaceutical production where products are prepared for distribution.

- ✓ **Processes Observed:**
  - ✓ Blister packing for tablets and capsules
  - ✓ Bottle filling and sealing for liquid formulations
  - ✓ Labeling and coding (batch number, manufacturing/expiry dates)
  - ✓ Secondary packaging such as carton packing
- ✓ **Key Learning Outcome:**

  Students understood the significance of packaging in product protection, identification, and regulatory compliance, as well as the role of packaging in maintaining product stability.

Packaging of solid dosage forms (tablets) using blister packing and labelling processes.

Packaging of liquid dosage forms (syrups) including bottle filling and carton packing.

Students and staff with finished solid dosage forms (tablets) during the packaging process.

Students with finished solid dosage forms (tablets) during the packaging process.

d) Warehouse & Storage:

Students visited the storage areas where raw materials and finished goods are systematically managed.

- ✓ **Observations:**
  - ✓ Segregation of raw materials, intermediates, and finished products
  - ✓ Controlled storage conditions (temperature, humidity)
  - ✓ Labeling and inventory tracking systems

- ✓ Safe handling and storage of chemicals

✓ **Key Learning Outcome:**
Students learned about inventory management, storage protocols, and material handling practices, which are essential for maintaining product quality and preventing contamination.

Interaction Session:
Students actively interacted with industry professionals, asked queries, and gained clarity on industrial processes. The staff responded effectively, enhancing student understanding.

Hospitality:
The company provided refreshments and food, ensuring a comfortable learning environment for all participants.

Special Highlight:
During the visit, Principal Dr. Vivekkumar Redasani visited the company and interacted with the Director of Sangeeta Pharma.
A discussion was held regarding:

- Importance of industrial exposure
- Application-oriented learning
- Future collaboration opportunities

As a gesture of appreciation, a memento, bouquet, and thank-you letter were presented to the organization.

Principal Dr. Vivekkumar Redasani presenting a memento, bouquet, and thank-you letter to the management of Sangeeta Pharma as a token of appreciation.

Outcome of the Visit:

- Students gained hands-on understanding of pharmaceutical manufacturing
- Exposure to real-time industrial equipment and processes
- Improved understanding of GMP and regulatory practices
- Enhanced interest in industrial pharmacy

Group photograph of students and faculty members at Sangeeta Pharma, Sinnar during the industrial visit.

Geo-tagged photograph captured at Sangeeta Pharma, Sinnar indicating the visit location.

Conclusion:

The industrial visit was highly informative and successful. It provided students with valuable exposure to pharmaceutical industry practices and strengthened their conceptual learning through real-time observation.

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