

Date: 19/01/26

“Industrial Visit Tour”

Date of event	10 th January 2026 – 16 th January 2026 (Div.: A and B)
No. of Participant/ Students present	Third Year and Final Year B. Pharm (Div.: A & B): 38
Name of Industry and Tea Museum and Garden	Trust Herbominerals and Pharmaceuticals, Kochi, Kerala Kerala State Drugs and Pharmaceuticals Ltd, Alleppey, Kerala Tea Garden Museum, Munnar, Kerala
PO match	PO1, PO2, PO3, PO4, PO6, PO8, PO9, PO10, PO11

The “Industrial Visit Tour” was planned and arranged for the students of S. Y. B. Pharmacy (Division A & B) and Final Year B. Pharmacy with the support of Dr. Sunita Ogale (Principal) VIVA Institute of Pharmacy, Virar (E) and Management of VIVA Trust.

The educational tour to Kerala was organized by VIVA Institute of Pharmacy with the aim of providing students with valuable industrial exposure, academic enhancement, and cultural understanding. Kerala, popularly known as God’s Own Country, is renowned for its pharmaceutical industries, rich cultural heritage, and scenic natural environment, making it an ideal destination for an educational tour. The tour helped students relate theoretical knowledge gained in classrooms to practical industrial applications. Overall, the tour proved to be academically enriching as well as refreshing, contributing to the overall development of students. The industrial visit to Kerala was organized to provide an immersive learning experience in pharmaceutical manufacturing, distribution, and natural product study. The tour allowed us to bridge the gap between classroom theory and industrial reality by visiting state-of-the-art facilities and botanical reserves.

Objectives of the Tour

- ☐ To gain industrial exposure in pharmaceutical manufacturing units
- ☐ To understand real-time pharmaceutical operations and quality practices
- ☐ To explore the cultural, historical, and natural heritage of Kerala
- ☐ To promote teamwork, discipline, and experiential learning among students

Day 01 – Journey Begins (10/01/2026)

The educational tour commenced from Panvel Junction at 11:30 a.m. Students boarded the Netravati Express at 12:40 p.m. with great enthusiasm and excitement. Necessary instructions regarding discipline and safety were given by faculty members before the journey began. Packed dinner was provided on the train for the convenience of students. The overnight journey served as an opportunity for students to interact with peers and mentally prepare for the academic and cultural experiences ahead.



Students of Viva Institute of Pharmacy at Panvel junction marking the beginning of educational tour to Kerala

Day 02 – Arrival at Kochi (11/01/2026)

The group arrived at Ernakulam Junction at 12:20 p.m. and was then transferred to the hotel for check-in. After freshening up, lunch was arranged for all students and staff. In the evening, students visited Marine Drive, one of the most popular waterfront promenades in Kochi, where they enjoyed the pleasant atmosphere and scenic surroundings. This was followed by a relaxing boat cruise, which provided a refreshing experience and introduced students to the coastal beauty of Kerala. The day concluded with dinner and an overnight stay at Kochi.



Scenic boat Cruise at Kochi during educational tour - 11/01/2026

Day 03 – Industrial Visit & Heritage Tour (12/01/2026)

After breakfast, the group visited Trust Herbominerals and Pharmaceuticals, Kochi, Kerala at 11:00 am, where students gained first-hand knowledge of pharmaceutical manufacturing processes. The visit included an overview of formulation techniques, quality control measures, and Good Manufacturing Practices (GMP) followed in the industry. This industrial exposure enhanced students' understanding of industrial pharmacy and helped bridge the gap between theory and practice.

Logistics & Supply Chain: Students observed the management of over 10,000 pharmaceutical products using automated inventory tracking to ensure "First-Expiry, First-Out" (FEFO) protocols.

Cold Chain Management: A key learning point was the monitoring of walk-in coolers and deep freezers to maintain the stability of temperature-sensitive vaccines and biologics.

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Industrial exposure of students at Trust Pharmaceuticals, Kochi as a part of educational tour- 12/01/2026



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Post lunch, students explored the historical sites of Fort Kochi. The visit included Mattancherry Palace, Chinese Fishing Nets, St. Francis Church, and the Paradesi Synagogue. These sites reflected Kerala's rich history and cultural diversity. The combination of industrial learning and historical exploration made the day informative and memorable. Overnight stay was arranged at Kochi.



Heritage visit to historical Sites - 12/01/2026

Day 04 – Visit to Kerala State Drugs and Pharmaceuticals Ltd. (KSDP) (13/01/2026)

Following breakfast, the group proceeded for an industrial visit to Kerala State Drugs and Pharmaceuticals Ltd (KSDP).

As a WHO-GMP certified Public Sector Undertaking, KSDP provided deep insights into large-scale production. Rotary Tablet Press: Students observed the high-speed compression of granules into tablets, learning about weight variation and hardness parameters.

Injectable Unit & \beta-Lactam Plant: This section highlighted the necessity of HEPA filters and Class 100 sterile environments to prevent cross-contamination during antibiotic production.

Analytical Department: We saw HPLC (High-Performance Liquid Chromatography) and UV-Visible Spectroscopy systems used for the assay of finished formulations and raw material testing.

The visit provided insights into large-scale pharmaceutical manufacturing carried out under government supervision. Students learned about the production of essential medicines, quality assurance systems, and the role of public sector pharmaceutical units in supporting national healthcare programs.

KSDP Ltd plays a crucial role in the production and supply of essential medicines for government hospitals and public healthcare programs across the state. During the visit, students were introduced

various stages of pharmaceutical manufacturing, including raw material handling, formulation, packaging, and quality assurance procedures.

The industry follows strict Good Manufacturing Practices (GMP) and quality control standards to ensure the safety, efficacy, and consistency of pharmaceutical products. Students also gained insights into documentation practices, regulatory compliance, and the importance of quality assurance in maintaining public trust in government-supplied medicines. This visit enhanced students' understanding of the role of pharmaceutical units in strengthening healthcare infrastructure and promoting affordable healthcare. Overall, the visit to KSDP Ltd proved to be highly informative and academically enriching. Dinner and overnight stay were arranged at Munnar.



Students gaining practical industrial exposure at KDPS Ltd - 13/01/2026

Day 05 – Munnar Sightseeing (14/01/2026)

After breakfast, the group proceeded for sightseeing in Munnar, a well-known hill station famous for its scenic beauty and pleasant climate. Students visited Mattupatty Lake & Dam, Echo Point, and the Botanical Garden, which offered a refreshing experience and an opportunity to observe the rich biodiversity of the region.

The group also visited a Tea Garden, where students learned about tea plantation practices, processing methods, and the importance of tea cultivation in Kerala's economy. Additionally, a visit to a Kerala Spice Farm was arranged, where students were introduced to various medicinal and aromatic plants such as cardamom, pepper, cinnamon, and cloves. This visit helped students understand the medicinal value, therapeutic uses, and economic significance of spices, making it academically relevant to pharmacy education.

After lunch, students enjoyed shopping at the local market, purchasing souvenirs and locally produced items. In the evening, the group returned to Kochi. Dinner and overnight stay were arranged at Kochi.

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Visiting Echo Point, Matuupatty Dam as part of Munnar sightseeing- 14/01/2026

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Tea Museum, Munnar - 14/01/2026



Gaining knowledge of tea garden and Spice farm - 14/01/2026

Day 06 – Local Market Visit & Return Journey (15/01/2026)

Post breakfast, students visited the local market, where they explored local products, handicrafts, and souvenirs reflecting the culture of Kerala. This visit provided students with an opportunity to observe local trade practices and interact with the regional environment, making the experience both enjoyable and culturally enriching. The market visit also allowed students to relax and engage in informal group activities, adding to the overall learning experience of the tour. Subsequently, the group proceeded to Ernakulam Junction to board the Garibrath Express at 12:55 p.m. Packed lunch and dinner were provided during the journey. The return journey marked the conclusion of a memorable and educational tour.



Day 07 – Arrival & Conclusion (16/01/2026)

Packed breakfast was provided on the train. The group arrived at Kurla Terminus (Lokmanya Tilak Terminus) at 11:45 a.m. Students returned home safely with enhanced academic knowledge, practical industrial exposure, and memorable experiences gained during the tour.

Conclusion

The Kerala educational tour successfully fulfilled its academic and educational objectives by providing students with practical exposure to pharmaceutical industries and an understanding of Kerala's cultural heritage. The tour contributed significantly to students' professional awareness, teamwork, and overall personality development. It was a well-balanced combination of learning and experience. The students express their sincere gratitude to VIVA Institute of Pharmacy, respected faculty members, and tour organizers for making this educational tour a grand success.

Mrs. Varsha P. Patil
Industrial Visit Incharge



Principal
VIVA INSTITUTE OF PHARMACY

Dr. Sunita Ogale
Principal