



**DEPARTMENT OF BIOMEDICAL SCIENCE
BHARATHIDASAN UNIVERSITY
TIRUCHIRAPPALLI- 620024**

REPORT ON INDUSTRIAL VISIT

Place of Visit: Coonoor & Ooty, Tamil Nadu

Duration: 29.10.2025 – 30.10.2025

Faculty Accompanying:

Dr. G. Mathan, Professor and Head

Dr. S. D. Saraswathi, Associate Professor

Dr. P. Jeganathan, Guest Lecturer

Dr. R. Poornima, Guest Lecturer

Total Number of Students: 28

1. Introduction

Industrial visits form an integral part of biomedical science education, bridging the gap between theoretical knowledge and real-time industrial and research practices. The Department of Biomedical Science, Bharathidasan University, organized an industrial visit for the IV and V year students with the objective of providing exposure to biomedical research institutes, industrial processes, and scientific work environments. The visit also aimed to enhance students' understanding of applied biomedical concepts, quality control, research methodologies, and interdisciplinary learning.

This Two day educational tour covered a prestigious **Pasteur Institute of India** at Coonoor and selected industrial and ecological sites in Ooty, offering both academic enrichment and experiential learning.

2. Objectives of the Industrial Visit

- To gain practical exposure to the lifecycle of biomedical research and large-scale product manufacturing.
- To observe the operational framework of a premier research institute and its strategic contributions to public health.
- To bridge the gap between theory and practice by observing industrial processes related to herbal and plant-based products.
- To promote interaction between students and professionals in the biomedical field.
- To encourage observational learning, teamwork, and scientific curiosity.

3. Day-wise Program and Activities

Day 1 – 29.10.2025 (Journey Commencement)

At the early hour of **2:00 AM on October 28, 2025**, students and faculty from Bharathidasan University gathered with anticipation to begin their industrial excursion. Despite the midnight start, the departure was seamless and well-organized. The overnight journey served as an ideal prelude to the visit, with careful attention paid to passenger safety and travel logistics, allowing the group to transition smoothly from the university to the industrial site.

(Industrial Visit & Academic Interaction)

Upon arrival, students checked into the hotel and were given time to freshen up.

- **09:00 AM – Breakfast**

Breakfast was provided at the hotel, after which students prepared for the industrial visit.

- **10:45 AM – Industrial Visit to the Pasteur Institute of India, Coonoor**

The students visited the **Pasteur Institute of India, Coonoor**, a renowned institute involved in the production of Antirabies Vaccine and DPT group of Vaccines and public health initiatives. It is functioning as an autonomous body under Ministry of Health and Family Welfare, Govt. of India. The visit provided valuable insight into laboratory infrastructure, biosafety practices, quality assurance, and research ethics.

Dr. G. Mathan (Professor & Head) and Dr. S. D. Saraswathi (Associate Professor) met with Dr. S. Sivakumar (Director) and Shri A. Vairamoorthy (Administrative Officer) to discuss strategic academic collaborations. The discussion focused on Internship, projects and Placements for the benefit of Biomedical Science students.

- **11:15 AM – 11:45 AM – Interactive Session**

An interactive session was conducted by a technical expert Ms. Dhivya, of the institute. She explained the institute's history, research focus areas, diagnostic services, and contribution to disease surveillance and prevention. Students actively participated by asking questions related to microbiology, immunology, vaccine development, laboratory techniques, and career opportunities. This session significantly enhanced students' conceptual understanding and professional awareness.

- **12 PM- SIM'S PARK**

As part of the academic tour, a visit was made to SIM'S Park in Ooty, a well-known botanical garden dedicated to plant conservation and research. The visit provided students with exposure to a wide variety of exotic, ornamental, and medicinal plant species.

- **02:00 PM – Lunch**

Lunch was arranged after the completion of the academic session.

- **03:30 PM – 06:30 PM – Boat House, Ooty**

In the evening, students visited the Ooty Boat House. This recreational activity promoted relaxation, team bonding, and stress relief after the academic sessions.

- **07:00 PM – Return to Hotel**
- **08:00 PM – Dinner**
- **08:45 PM – Campfire with Fun Activities**

A campfire session was organized, including fun activities. This informal setting encouraged unity, communication skills, and peer bonding among students and faculty members.

Day 2 – 30.10.2025 (Industrial & Educational Exposure)

- **08:30 AM – Breakfast**
- **09:30 AM – Visit to Tea Factory, Ooty**

Students visited a tea factory in Ooty, where they were introduced to the processing of tea leaves, including withering, rolling, fermentation, drying, grading, and packaging. The visit helped students understand industrial processing, quality control measures, and hygiene standards.

- **11:30 AM – Botanical Garden, Ooty**

The visit to the Botanical Garden provided exposure to diverse plant species, medicinal plants, and conservation practices. Students gained knowledge about plant biodiversity, taxonomy, and they enjoyed beauty of Mother Nature.

- **01:30 PM – Lunch**

- **02:30 PM – Pykara Falls**

Students visited Pykara Falls, experiencing the natural ecosystem and understanding the significance of environmental conservation and ecological balance.

- **04:15 PM – Shooting Spot**

The visit offered a brief recreational break and exposure to the scenic geography of the Nilgiris.

- **06:00 PM – Pine Forest**

The Pine Forest visit enhanced students' appreciation of forest ecosystems and environmental sustainability.

- **07:00 PM – Return Journey to Tiruchirappalli**

The group commenced the return journey to Trichy, marking the successful completion of the industrial visit.

4. Learning Outcomes

Through this industrial visit, students were able to: - Understand the real-time functioning of a biomedical research institute. - Gain awareness of laboratory safety, diagnostic procedures, and research ethics. - Relate industrial processing techniques to

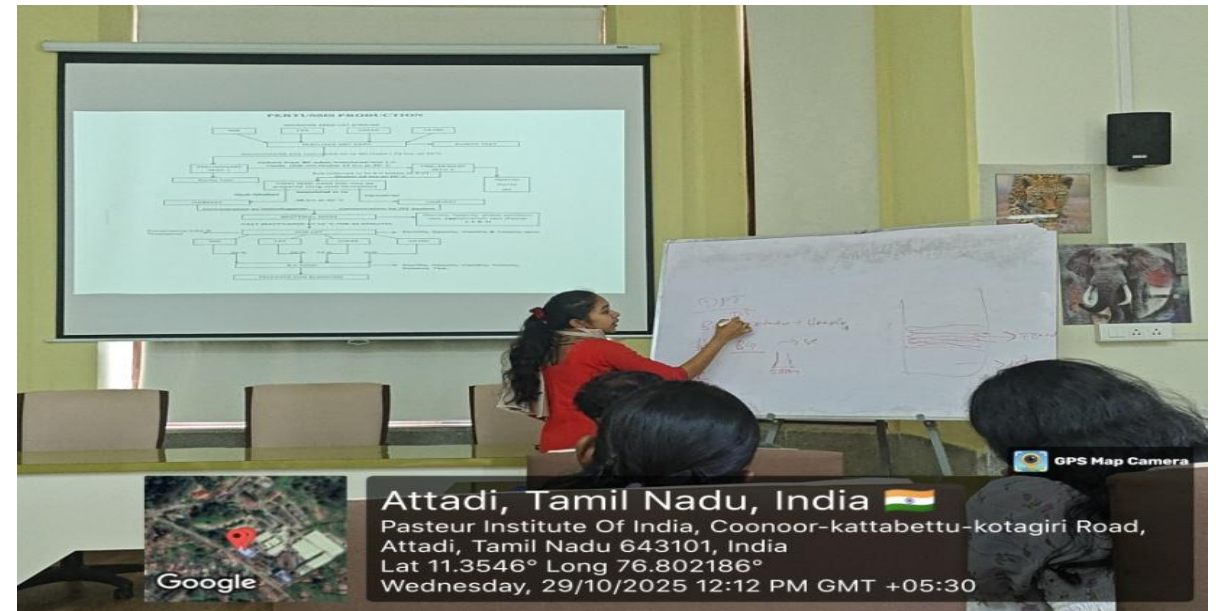
biomedical and pharmaceutical applications. - Enhance their knowledge of biodiversity and its relevance to biomedical sciences. - Develop professional interaction skills and scientific thinking.

5. Conclusion

The industrial visit organized by the Department of Biomedical Science, Bharathidasan University, was highly informative and successful. It provided an excellent platform for IV and V year students to integrate theoretical knowledge with practical exposure. The visit to the Pasteur Institute of India, along with industrial and educational site visits in Ooty, significantly enriched the students' academic experience and motivated them towards research and professional excellence in biomedical sciences.

The department sincerely acknowledges the support of the university administration, Department Industrial visit coordinator, Dr. S. Shanmugaapriya, Associate Professor, and the management of the visited institutions for making this educational visit a memorable and fruitful experience.

PASTEUR INSTITUTE OF INDIA, CONOOR





BOAT HOUSE





SHOOTING SPOT



PINE FOREST



BOTANICAL GARDEN



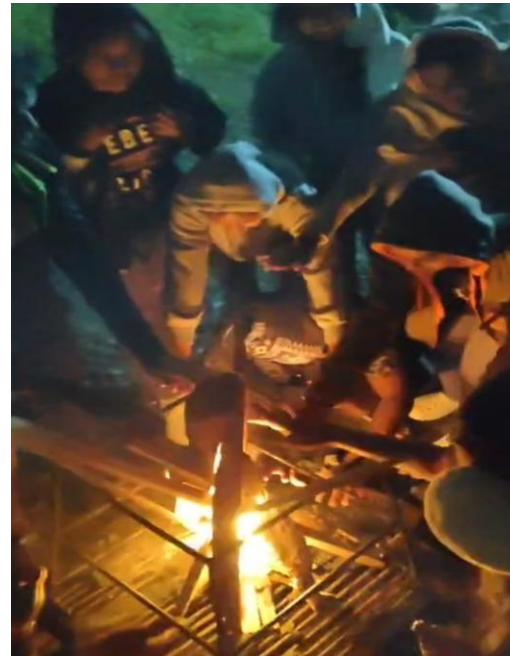
PYKARA FALLS



FUN ACTIVITIES



HOTEL



CERTIFICATE OF APPERCIATION



भारतीय पास्चर संस्थान
PASTEUR INSTITUTE OF INDIA
(स्वास्थ्य और परिवार कल्याण मंत्रालय अधिनस्थ स्वायत्त संस्थान, भारत सरकार, नई दिल्ली)
(Autonomous Institute under the Ministry of Health and Family Welfare, Govt. of India, New Delhi)
कोनूर Coonoor - 643 103, नीलगिरी Nilgiris, (T.N.)

No: PIE/LIB/CERT/2025 26/087

Dated: 29/10/2025

CERTIFICATE

This is to inform that 28 No's students from Bharathidasan University , Tiruchirappalli pursuing M.sc., Biomedical Science (Integrated) visited Pasteur Institute of India, Coonoor on 29/10/2025 as a part of Industrial visit along with 04 faculties.

Number of students from each department is mentioned below:

IVth year M.sc., Biomedical Science - 09 Students.
Vth year M.sc., Biomedical Science - 19 Students.


Research Officer
For Director



हम निरन्तर अपने संशोधित गुणवत्ता प्रणाली से सुरक्षित कार्यक्रम और वास्तविक गुणवत्ता का पैमाना बनाए रखने के लिए समानवृद्ध हैं।
We are committed to produce safe, potent and cost effective vaccines with continual improvement in our quality system.

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जीएसटी / GST : 33AAAAPO876B122	ईन / PAN : AAAAP0876B	

Doddabetta Tea Factory And The Tea Museum



INDUSTRIAL VISIT CERTIFICATE

This is to certify that students of M.Sc, BIOMEDICAL SCIENCE
BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI, TAMIL NADU.
visited The Doddabetta Tea Factory and the Tea Museum on 30.10.2025
They were given first hand information of the entire tea history and processing.
They participated in a guided factory tour in which the history of tea and the
different stages of tea processing like withering, crushing, cutting / tearing /
curling (CTC), shaping, fermentation, drying, cleaning and grading was
explained to them. The students evinced keen interest in knowing all aspects
about tea manufacture.

Place : Udhagamandalam

Date : 30.10.2025




Authorised Signatory

Adm. Office : 16-B, Nankem Hospital Premises, Coonoor - 643 101, The Nilgiris. Phone : (0423) 2231679
Mobile : 94430 30520 / 94430 52066 www.teamuseum-india.com e-mail : tmuseumdtf@rediffmail.com