



**K.R. COLLEGE OF ARTS & SCIENCE**  
(Affiliated to Manonmaniam Sundaranar University, Tirunelveli)  
K.R. NAGAR, KOVILPATTI – 628 503  
Department of Biochemistry

**Field Visit / Industrial Exposure Report 2022 - 2023**

**Title of the Programme:**

Educational Visit to Pasteur Institute of India and Doddabetta Tea Factory, Ooty.

**Date of Visit:**

30.03.2023

**Organized by:**

Department of Biochemistry

**Participants Details**

S. No.	Category	Number
1.	Boys	10
2.	Girls	30
	<b>Total Students</b>	<b>40</b>

**Accompanying Faculty Members**

- Dr. S. Subburayalu, Head of the Department, Biochemistry
- Mrs. R. Sivasankari, Assistant Professor, Biochemistry

**Objectives of the Visit**

The educational visit was organized to:

- Provide experiential learning opportunities beyond classroom teaching
- Expose students to vaccine production and immunobiological techniques
- Understand industrial processing and quality control methods
- Enhance knowledge of applied biochemistry in healthcare and industry
- Promote scientific curiosity and practical skills

**Places Visited and Activities**

**1. Pasteur Institute of India, Ooty**

Students visited the Pasteur Institute and gained valuable insights into:

- History and establishment of the Pasteur Institute

- Role of the institute in public health and vaccine production
- Preparation of vaccines in different production units
- Steps involved in vaccine manufacturing such as culture preparation, fermentation, purification, quality testing, and packaging
- Safety measures and quality assurance practices

The scientists and technical staff provided detailed explanations and demonstrations regarding

## **2. Doddabetta Tea Factory, Ooty**

Students also visited the Doddabetta Tea Factory where they learned about:

- Processing of fresh tea leaves
- Withering, rolling, fermentation, drying, and grading processes
- Conversion of tea leaves into fine tea powder
- Packaging and quality control techniques
- Industrial hygiene and machinery used in tea processing

This visit helped students understand the industrial applications of biochemical and food processing principles.

## **3. Educational Sightseeing**

After the industrial visits, students had educational sightseeing in Ooty. The group returned safely to the college at midnight on 30.03.2023.

### **Learning Outcomes**

Through this visit, students were able to:

- Understand vaccine production technology
- Gain exposure to immunology and microbiological practices
- Learn industrial processing and quality control methods
- Relate theoretical knowledge with practical applications
- Develop teamwork and observational skills

### **Benefits to Students**

- Hands-on industrial exposure
- Improved practical knowledge
- Career awareness in research institutes, healthcare, and production industries
- Enhanced learning experience through field-based education

### **Acknowledgement**

The Department of Biochemistry expresses sincere gratitude to the **Principal and the Management of K.R. College of Arts & Science** for their support and permission to organize this educational visit.

The department thanks the authorities and staff of the **Pasteur Institute of India** and **Doddabetta Tea Factory, Ooty** for their cooperation and guidance.

Special appreciation is extended to **Dr. S. Subburayalu, Head of the Department**, and **Mrs. R. Sivasankari, Assistant Professor**, for accompanying and guiding the students throughout the visit.

### **Conclusion**

The educational visit was highly informative and beneficial for the final year B.Sc. Biochemistry students. It successfully provided real-time exposure to vaccine production and industrial processing techniques, thereby strengthening experiential learning and aligning with NAAC quality enhancement practices.

PHOTOS



*S. Sushma Vayal*

HEAD OF THE DEPARTMENT

PRINCIPAL