



## **Report on the Visit of School Students to the Department of Biomedical Science, Bharathidasan University, Tiruchirappalli- 620 024**

**Date:** 14<sup>th</sup> November 2024

**Location:** Department of Biomedical Science, Bharathidasan University, Trichy-620-024

As part of our extension activities aimed at fostering interest in biomedical sciences among young minds, the Department of Biomedical Science at Bharathidasan University organized a visit for a group of school students to our laboratories and research facilities. The visit saw the participation of nearly 35 students, accompanied by six staff members from **Government ADW Higher Secondary School, Thuraiyur, Trichy- 621 010**, all eager to explore and learn about the applications of biomedical science.

### **Tour Overview**

The visit commenced with a warm welcome and a brief orientation session, given by the Head of the Department, Prof. Dr. G. Mathan, which provided an insightful introduction to the students, highlighting the scope and significance research in the field of Biomedical Sciences. He also outlined the Department's ongoing research initiatives and its role in nurturing curiosity and innovation among students. This interactive session aimed to inspire and motivate the young learners to pursue their interests in the field. This was followed by a guided tour of the key laboratories, with hands-on demonstrations and interactive sessions to spark curiosity and deepen understanding.

### **Laboratory Visits**

#### **1. Instrumentation Room:**

Students were introduced to a variety of essential scientific instruments, including the **PCR (Polymerase Chain Reaction) machine, UV Spectrophotometer, Fluorescent Microscope**, and a **Cooling Centrifuge**. These

instruments are fundamental to biomedical research, and the students had an opportunity to observe them in action, with explanations provided on their importance in genetic analysis, molecular biology, and disease diagnostics.

## 2. **Complex Laboratory:**

In the complex lab, students observed various **biological specimens** and were fascinated by the wide range of preserved samples. These included specimens used to study cell structures, tissues, and organs, helping students gain insight into anatomical and physiological aspects of living organisms.

## 3. **Common Laboratory:**

The tour concluded in the common laboratory, where students were shown different **organ models** to better understand human anatomy. This exposure provided a tangible learning experience, enabling them to connect theoretical knowledge with practical applications.

## **Acknowledgment**

The success of this educational visit was made possible by the support of Prof. Dr. G. Mathan, Head of the Department of Biomedical Science. We extend our heartfelt thanks to Dr. G. Mathan for his invaluable guidance, as well as to the dedicated, who facilitated this informative and inspiring experience for the visiting students. Their efforts not only highlighted the importance of biomedical science but also ignited enthusiasm for future careers in the field among young learners.

## **Conclusion**

The school visit to the Department of Biomedical Science was both educational and enriching, providing students with a unique opportunity to explore biomedical science firsthand. Through activities like these, we aim to continue inspiring and guiding the next generation of scientists and researchers.

# GALLERY

