

J.J. COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), PUDUKKOTTAI

Date: 06.07.2026

The Extension Activity Programme was organized on behalf of the Sumner's Club of the Department of Biochemistry at J.J. College of Arts and Science, Sivapuram, Pudukkottai, under the prominent theme: **"Science Beyond the Classroom"** on 06.7.2026.

The event was specially conducted for the 12th-grade students of Karpaga Vinayagar School, Pallipalayam. During the program, students were given the unique opportunity to witness various advanced Biochemistry laboratory experiments firsthand. Explanations and demonstrations were provided regarding the utilization of mice and zebrafish in medical research, such as for cancer, genetic diseases, and drug testing.

Through this knowledge-building activity program, the hidden scientific quest among the students..."

In addition, comprehensive hands-on practical demonstrations were provided, allowing the students to perform experiments themselves and gain practical familiarity.

Through this laboratory visit, the students gained valuable insights into:

- The core importance of experimental Biochemistry Direct, experiential learning outside the traditional classroom.
- Fostering a keen interest in scientific research.
- Career guidance and understanding the vital educational bridge between school and higher education.

This extension activity served as an excellent foundation to stimulate the latent scientific curiosity and innovative research mindsets of the young students. Furthermore, it created vital awareness regarding the diverse career opportunities, higher education pathways, and future growth prospects available in the field of Biochemistry and other scientific disciplines.