

Event Name : Industrial visit – Saveetha Dental College, Chennai.

From Date : 09. 12. 2025

To Date : 09. 12. 2025

Organized by : Department of Microbiology

Academic Year : 2025 – 2026

Report:

On December 9th 2025, a group of 31 postgraduate students from the Department of Microbiology visited Saveetha Dental College, Chennai, a leading institute specializing in advanced research. This visit was organized to provide students with research exposure and hands-on learning experiences. Two faculty members, Dr. Nithya A and Dr. Nathiya R, Department of Microbiology, accompanied the students during the visit. The visit focused on various technologies, their applications in research and healthcare. Experts explained the significance of nanoparticle synthesis, nano coating and its impact on medical diagnostics, genetic research, and microbial studies. During the visit, we observed various sequencing-related instruments, PCR machines for DNA amplification, and electrophoresis systems for DNA fragment analysis. We were also introduced to spectrophotometers and fluorimeters, nanopore, Fluorescent microscopy, Confocal microscopy, Nanofiber electrospinning machine, thermomechanical analyzer, Nano CT, SDS-PAGE and GC-MS, which are essential for advanced research. The visit provided an opportunity to understand the practical aspects of workflows and the importance of these instruments in microbial genomics and research. Overall, the industrial visit to Saveetha Dental College was highly educational and beneficial. It strengthened our understanding and their real-world applications in microbiology.