

WORKSHOP ON BASIC MOLECULAR BIOLOGY TECHNIQUES

Nature of Programme	: Workshop
Title	: “WORKSHOP ON BASIC MOLECULAR BIOLOGY TECHNIQUES”
Resource persons	: Dr. Sunil (Regional manager) & Dr. Jaganmay Sarkar (Technical manager)
Number of Students	: III B.Sc. Honours Microbiology, Biochemistry, Food science & Technology, Zoology - 85 Students
Date	: 24/08/2026 to 25/08/2026

Brief Report:

Department of Microbiology organized a two day Workshop on “**Basic molecular biology techniques**” on 24/8/2026 to 25/8/2026

In this Workshop the Resource persons Dr. Sunil & Dr. Jaganmay has given training on the principles and practical applications of **Agarose gel electrophoresis**, which is used to separate and visualize DNA fragments based on their size , **Polymerase Chain Reaction (PCR)** for amplification of specific DNA sequences & **SDS-PAGE**, a technique used to separate proteins based on their molecular weight. Overall, the workshop provided valuable practical knowledge and strengthened students understanding on basic molecular biology techniques.

