

## **HANDS-ON DEMONSTRATION OF LABORATORY EQUIPMENT PROGRAM FOR STUDENTS OF COLLEGE OF COMMUNITY SCIENCE, TURA**

**January 25, 2023:** The 2<sup>nd</sup> year undergraduate students studying community science honors from College of Community Sciences, Central Agricultural University, Tura in the leadership of their course instructor Dr. Priyadarshini P. Mohapatra paid a visit to the BioNEST Facility, NEHU, Tura campus for practical lessons for the course in "Fundamentals of Food Microbiology" on January 25, 2023. Ms Bethsheba Basaiawmoit, Research Scholar, Department of Rural Development and Agriculture Production (RDAP), NEHU, Tura campus gave a brief introduction to the students about the culture media, its types and the morphological characteristics of microorganisms. Ms Basaiawmoit also introduced the students with the lab environment, precautionary measures of microbiological works and glassware, plasticware and instruments required in regular microbiological laboratory works



such as the Laminar Air Flow, BOD incubator, Autoclave and Microscope. This was followed by a tour of the laboratory facilities and demonstration of various equipment available in BioNEST Lab, Food Processing and Packaging Unit of BioNEST Facility, and Agronomy and Animal Science Lab of

Department of RDAP, by BioNEST Technical Associates Ms. Remi Dey, Mr. Shanbor Sayoo, and Ms. Bethsheba Basaiawmoit. Later, the students were briefed about the Gram staining procedure, observed the prepared slide in a microscope and practiced the serial dilution technique. Throughout the program the students shoot their queries and the resource persons patiently clear their doubts and enrich them with food for thoughts.

