

Report

26 February 2024

“One-day Special Training cum Lecture on Mass Production of Microbial Bio-fertilizers and its application in Organic Farming”



Introduction:

On February 26, 2024, a group comprising 41 students and faculty members from GD Goenka University, Punjab, Visited the Department of Microbiology at Nar Bahadur Bhandari Govt. College, Tadong for a comprehensive training and lecture session on the Mass Production of Microbial Biofertilizers and its application in Organic Farming. This collaborative program aimed to nurture knowledge exchange and promote advancement in the field of Microbiology.

Participants:

The diverse group of participants included enthusiastic students and experienced faculty members from GD Goenka University, Punjab, and NBBGC, Tadong. The Microbiology Department of NBBGC was well-represented, showcasing the interdisciplinary nature of the event.

Program Highlights:

1. **Welcome Address: Dr. Parmila Koirala**, Assistant Professor at NBBGC, Tadong, initiated the program with a warm welcome address. Dr. Koirala highlighted the significance of such collaborations and the importance of sharing knowledge to better scientific understanding.
2. **Keynote Speaker:** The Keynote speaker of the day, **Dr. Mingma Sherpa**, Head of Microbiology, NBBGC Tadong, took center stage. Dr. Sherpa provided an insightful and engaging presentation on the Mass Production of Microbial Biofertilizers and its application in Organic Farming. He elucidated the various processes involved, emphasizing the ecological benefits and sustainable practices associated with microbial biofertilizers.
3. **Practical Demonstration:** To enhance the learning experience, Dr. Sherpa conducted a hands-on demonstration of microbial biofertilizer production. This practical session allowed participants to witness the intricate steps involved in the process, adopting a deeper understanding of the subject matter.
4. **Presentation of NPK-based Biofertilizer Products:** Dr. Sherpa, showcased the three NPK (Nitrogen, Potassium, and Phosphorous) based biofertilizers tailored for rice crops in Sikkim developed by Horticulture Department Sikkim University. These innovative products demonstrated the collaborative efforts of the Microbiology Department, NBBGC, and Sikkim University in advancing agricultural practices for sustainable and organic farming.