

## **Hands on training on “Vermicomposting and its application”**

Two-Day Workshop on “Vermicomposting and its application” Held at North Kamrup College, Baghmara, In collaboration with Institutional Biotech Hub, & IQAC Bhattadev University and IQAC, North Kamrup College on the 19<sup>th</sup> and 20<sup>th</sup> of November, 2024. This event was conducted under the “DBT-NER Institutional Biotech Hub at Bhattadev University, Bajali, Assam (Phase II)” project sponsored by Department of Biotechnology, Government of India.

The programme commenced with a welcome address by Dr Dipika Kalita, HoD Zoology, Bhattadev University and Coordinator of the Biotech Hub, she also explained the objectives and significance of the workshop. Dr Ghanshyam Deka, the Principal of North Kamrup College, Dr. Bikul Barman, chairman of IBH management committee, Dr. Upakul Mahanta, coordinator IQAC, Bhattadev University and Dr. Pankaj Kalita IQAC, North Kamrup College, also delivered an insightful address on the importance of the event.

The two-day event comprised four sessions and witnessed the participation of 51 students from North Kamrup College. The Resource person Mrs Sabina Ahmed, a soil science expert from Barpeta Krishi Vigyan Kendra, delivered an elaborate lecture on the techniques of vermicompost (vermicomposting) preparation. She was accompanied by Dr Dipika Kalita. Mrs Kanika Talukdar, a renowned entrepreneur from Nalbari district and a recipient of the prestigious Prime Minister’s Award, who shared practical experiences and discussed the profitability and benefits of vermicompost production with the students.

As part of the training, participants were provided hands-on experience in preparing vermicompost tanks, identifying earthworm species, and learning the techniques and benefits of production. The workshop also highlighted the minimal investment required for starting a vermicompost business and its growing demand in the field of organic farming.

The concluding session included a group discussion where participants shared their feedback and experiences. Certificates of participation were distributed to all participants by Dr. Upakul Sarmah, Respected Deputy Registrar, Bhattadev University.

In her closing remarks, Dr Dipika Kalita expressed heartfelt gratitude to all the participants, speakers, and organisers for their valuable contributions and thanked everyone for ensuring the success of the programme.

### Some Glimpse of the Program





**Step 5: Harvesting Vermicast and Vermiwash**

- Harvested Vermicast (Harvesting) refers to removal of the top layer of the decomposed substrate. One month after the 10th harvest, the substrate is ready for use. Harvesting is done by using a hand fork to separate the substrate. Vermicast is the top layer of the substrate. Vermicast is used as a soil amendment.
- Vermiwash (Vermiwash) is the liquid that is collected from the substrate. Vermiwash is used as a soil amendment.
- The liquid which is collected and used as a soil amendment is called Vermiwash. Vermiwash is used as a soil amendment.

**Workshop on "Vermicomposting and its applications"**  
Date: 17th November 2023  
Time: 10:00 AM to 12:00 PM  
Venue: Department of Applied Microbiology, Bangladesh Agricultural University, Moulvibazar, Bangladesh.  
Organized by: International Centre for Research in Agriculture, Bangladesh Agricultural University, Moulvibazar, Bangladesh.  
In collaboration with: ICAR, Bhubaneswar, Odisha, India, India, India.