



**A Report of the
Celebration of National Science Day
Theme: “Indigenous technology for Vikshit Bharat”
Date: 28th February, 2024**

Organised by: DESKU EIACP PC-RP on Environmental Biotechnology, University of Kalyani, West Bengal, India, Sponsored by MoEF & CC, Govt. of India, University of Kalyani.

On the occasion of “**National Science Day 2024**”, DESKU EIACP PC RP on Environmental Biotechnology celebrated the day through a Village level Awareness campaign on “Vermicoposting” under Lifestyle for Environment (LiFE) Programme” at Uttar Rajapur, Nadia, West Bengal on 28th February, 2024.

Vermicomposting is the process of producing organic fertilizer (vermicompost) using agricultural wastes through the digestive action of earthworms. It is a promising technique that has shown its potential in certain challenging areas like augmentation of food production, waste recycling and management of solid wastes etc. It helps to avoid the environmental pollution and expenditure of resources to treat the organic waste.

DESKU EIACP RP staffs (Dr. Anusaya Mallick, Programme officer, Mr. Sourov Banerjee Information officer, Mr. Tanmoy Acharjee, IT Officer and Mr. Subhuam data DEO) were participated in the programme. Mr. Tanmoya Acharjee, IT Officer, welcomed the speaker of the programme and the participants. Dr. Anusaya Mallick, Programme Officer mentioned about the aim of the awareness programme and also discuss about the theme of the national science day.

Then the whole programme was conducted by Prof. A. M Puste (Retd.), Dept. of Agronomy, BCKV, Nadia, Mohanpur. He described about the preparation, methods, techniques, application and income generation of vermicopost. Vermicompost improves soil texture and enhances waterholding capacity of the soil. It may be low in NPK but contains essential nutrient (e.g. calcium, magnesium, manganese, copper, iron and zinc) not found in inorganic fertilizers. Moreover, it has microbial activities that promote plant health and pest/disease resistance. With the abundant source of material in farms, vermicompost can help protect the environment, promote and sustain soil productivity and generate livelihood opportunities for rural families

More than 70 numbers of participants of different categories (women, children, farmers and teachers) were participated in this programme. At the end of the programme Mr Sukurali Mondal, Village Pradhan gave thanks to all the participants and speakers.

