Monthly Programme Report

DEPARTMENT OF ENVIRONMENTAL SCIENCES UNIVERSITY OF KERALA BMC

Institution Name: **DEPARTMENT OF ENVIRONMENTAL SCIENCES UNIVERSITY OF KERALA**

BMC Code: **TVM/2010/23**

ProgrameTitle: **Bio-Regenerative Waste Management**

Program Category: **Waste Management(within and outside campus)**	Activity Type: **Action Program**	No.of participants: **20**
Planned Date: **01-08-2025**	Renewed date: **-**	Program Date: **19-02-2026**
Budgeted Amount: **Rs 0/-**	Total expenditure: **Rs 0/-**	Balance: **Rs 0/-**

Quantity of Waste Managed (in kilograms) :

Quantity of Plastic Waste : **1**	Quantity of Biodegradable Waste : **100**
Quantity of E Wastet: **1**	Quantity of Hazardous Waste: **1**

Brief Report

In a significant step toward achieving a "Zero Waste Department," the Bhoomitrasena Club of our department has spearheaded a daily bio-composting initiative that transforms organic waste generated by students, faculty, and office staff into nutrient-rich organic manure. Every afternoon, student volunteers collect food scraps and organic waste from designated "Green Bins" located in the department staff rooms, student lounges, and office areas. The collected waste is transferred to the Bio-Composting Unit. The food waste is then mixed with the inoculum, dried leaves, and previous compost. The unit is monitored weekly and ensures proper aeration by turning the food waste and maintaining moisture levels to facilitate aerobic decomposition. This hands-on involvement provides students with a practical understanding of organic waste management. After a period of approximately 30 to 45 days, the organic matter undergoes a complete biological transformation and a sustainable source of manure for the department's indoor plants out door garden.

Photographs

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