

DEPARTMENT OF ZOOLOGY

BEST PRACTICES 2025 -26

VERMICOMPOST UNIT

On 19th December 2025, the Department of Zoology successfully conducted a programme on the establishment of a vermicompost unit as part of SASA Activity.

To promote environmental awareness and sustainable waste management practices, the programme highlighted the importance of vermicompost in converting biodegradable waste into nutrient-rich organic manure using earthworms. Faculty members explained the process, benefits, and practical applications of vermicompost in agriculture and home gardening. Students actively participated and gained hands-on experience in setting up and maintaining the vermicompost unit.

BENEFITS OF VERMICOMPOST

- Improves soil fertility rich in nutrients like nitrogen, phosphorous, and potassium (NPK).

Enhances soil productivity naturally.

- Enhances soil structure makes soil loose and porous. Improves aeration and root growth
- Increases water retention helps soil hold moisture for longer.
- Reduces the need for frequent watering.
- Promotes plant growth
- Contains growth hormones and beneficial microbes.
- Leads to faster and healthier plant development.
- Eco-friendly and Organic Reduces chemical fertilizer use.
- Safe for humans, animals, and the environment.

