



# REPORT ON SDG-12

## Responsible Consumption and Production



A brief description of activities on United Nations SDG-12 undertaken by Tezpur University

## Operational Measures

### Source of Food and Supplies

Tezpur University has a comprehensive Sustainable Procurement Policy that encompasses ethical sourcing of food and supplies across the campus. With a university population exceeding 6,000—of which around 90% are students—food and other essential requirements are met through a sustainable supply chain. Quality and pricing are closely monitored at multiple levels to ensure ethical standards in business and consumption. Each resident hostel has its own mess management committee for overseeing food and supplies, and these operations are regulated under hostel-specific rules. Additionally, various campus eateries and supply stalls are managed by the university administration through the Office of the Registrar, ensuring that all provisions align with the institution's ethical standards.

Supported links

1. [http://www.tezu.ernet.in/sustainable/doc/Sustainable\\_Procurements\\_Policy.pdf](http://www.tezu.ernet.in/sustainable/doc/Sustainable_Procurements_Policy.pdf)
2. [https://www.tezu.ernet.in/academic/guidelines/Hostel\\_Rules\\_2019.pdf](https://www.tezu.ernet.in/academic/guidelines/Hostel_Rules_2019.pdf)

### Waste Disposal -Hazardous Materials

Tezpur University has a comprehensive waste management policy that addresses hazardous materials, bio-waste, and general waste through sustainable practices aligned with the RRRR (Reduce, Reuse, Recycle, Recover) principles. A dedicated team oversees these initiatives, ensuring source segregation protocols and safe disposal for biohazardous materials. Facilities such as a bio-incinerator handle laboratory and medical waste, while anaerobic digestion of food waste and vermicomposting convert organic materials into valuable resources like biogas and organic compost. Through adoption of (SCI policy) Tezpur University aims to achieve a Zero Waste Campus by 2030, involving the entire community in its sustainable waste management programs.



Bio-Incinerator Handle Laboratory

Supported links-

<https://www.tezu.ernet.in/sustainable/waste.php>

## Waste Disposal - Landfill Policy

Tezpur University has a waste disposal policy that includes tracking the amount of waste sent to landfills and recycled. The University follows the RRRR (Reduce, Reuse, Recycle, Recover) principles and implements source segregation protocols to handle all waste sustainably. Initiatives such as anaerobic digestion convert food waste into biogas, and a vermicomposting unit recycles biodegradable waste into organic manure. A bio-waste management plant also safely disposes of hazardous materials. Through these practices, the University aims to measure, reduce, and recycle waste, working towards a Zero Waste Campus by 2030 with a commitment to sustainable waste management.

Source- <https://www.tezu.ernet.in/sustainable/waste.php>

## Policy for minimisation of plastic use

Tezpur University has issued a notice banning the circulation of single-use plastic items on campus, effective July 1, 2022. This policy aligns with the Plastic Waste Management Amendment Rules 2021 from the Ministry of Environment, Forest, and Climate Change, Government of India, aimed at reducing plastic usage for a cleaner environment.

Prohibited items include plastic ear buds, balloon sticks, flags, candy sticks, plates, cups, cutlery, straws, trays, thermocol decorations, and any wrapping films for sweet boxes, cigarette packets, and banners under 100 microns.

This initiative underscores the university's commitment to sustainability and encourages its community to work together in creating a plastic-free campus.



Single-Use Plastic Ban Enforced Campus-Wide

Supported link- [https://www.tezu.ernet.in/notice/2022/July/NOTICE\\_990.pdf](https://www.tezu.ernet.in/notice/2022/July/NOTICE_990.pdf)

### **Policy for minimisation of disposable items**

Tezpur University is committed to minimizing the use of disposable items to promote sustainable waste management. The university emphasizes the principles of Reduce, Reuse, Recycle, and Recover (RRRR) and encourages source segregation of waste. By implementing initiatives such as food waste management through anaerobic digestion and vermicomposting, the university aims to reduce the reliance on single-use products. These efforts reflect a proactive approach to managing waste effectively and creating an eco-friendly environment for the campus community while promoting awareness of responsible consumption and waste minimization practices.

Link- <https://www.tezu.ernet.in/sustainable/waste.php>

### **Policy: extensions to services and Suppliers**

Tezpur University's sustainability policies comprehensively extend to outsourced services, suppliers, and the entire supply chain. All contracted services, such as cleaning staff, security personnel, and food suppliers, are trained and informed about avoiding hazardous products in their operations. Additionally, suppliers providing equipment, stationery, and building contracts are bound by strict clauses on forest royalty compliance, labour licensing, and worker safety, ensuring that ethical and environmental standards are upheld at every level.

Supported Links-

- <http://www.tezu.ernet.in/tender/2023/September/Other.pdf>
- <http://www.tezu.ernet.in/tender/2023/September/Hostel.pdf>
- <http://www.tezu.ernet.in/tender/2023/September/Horticulture.pdf>
- <https://luit.tezu.ernet.in/naac2/Criteria7/7.1.7/Construction of Ramps for PWD.pf>

### **Proportion of recycled waste**

Tezpur University actively measures and monitors waste management across the campus. Of the 300 metric tons (MT) of waste generated annually, 50% (150 MT) is recycled, while the remaining 50% (150 MT) is sent to landfill. This process supports the university's commitment to waste diversion by utilizing recycled waste collection services for paper, glass, organics, construction materials, appliances, and electronics. Additionally, some recycled waste is converted into energy, contributing to sustainable resource use.

Supported Links-

- <https://www.tezu.ernet.in/dener/>
- <https://www.tezu.ernet.in/tender/2020/June/ET-NIT-621-DT-23-06-2020-merged.pdf>

### **Publication of a sustainability report**

Tezpur University publishes an annual sustainability report focused on responsible consumption and production, which is accessible on its website. Various research groups within the university, including the Department of Energy, Department of Environmental Sciences, and Department of Food Engineering and Technology, also produce reports on sustainability topics. These insights are shared through research publications, papers, and theses, and are regularly highlighted on social media platforms such as the university's website, Facebook, and Twitter pages. This commitment to transparency and communication exemplifies best practices in promoting sustainability efforts.

Link- <https://www.tezu.ernet.in/sustainable/index.php>