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Policy on Waste Management

BML Munjal University, Gurugram



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Policy on Waste Management

The university recognises the need for protection of natural environment and incorporates it as an integral part of good institutional practices. To achieve this university shall develop, implement, and sustain an environment management system of which waste management system is essential constituent.

The university will adopt the principles of best environmental practices as reasonably implementable in the delivery of waste management services and ecological initiatives.

The university will implement waste hierarchal approach to reduce, recycle, reuse, and recover waste products to manage its waste responsibility, reduce the volume of waste sent to landfill and maximise use of recycle and reuse where possible.

The university recognises the importance of compliance of waste management rules and regulations as laid down by the Government.

The university requires that all the students, employees and all other making use of the premises comply with the waste management objectives set in the policy and ensure compliance with statutory guidelines.

The action plan shall include but not limited to waste avoidance and minimisation, segregation of waste at source, reuse, and recycling. The policy includes solid waste, E-waste, hazardous waste, and bio-medical waste.

1. Green Initiatives at University Premises

1.1 Green Audit: The university shall make arrangements to undertake a comprehensive green audit of the existing structures and work operations annually to identify, quantify, describe and prioritize framework of environment sustainability in compliance with the applicable regulations, policies and standards. The objective of the green audit is to improve energy and water usage efficiency, better waste management and all-round management and development of campus in eco-friendly manner for sustainable future. The green audit may consist of the following broad points :

- Water Audit – Water balance consisting of sources, consumption and recycling.
- Waste Audit – Inventorisation of municipal solid wastes, hazardous wastes, biomedical wastes and sources thereof, compostable fraction wastes, segregation of wastes, present practice of waste management inside campus.





- Energy audit – inventorisation of electrical fittings, fixtures, appliances, machines, etc., energy consumption, recognise energy wastage and leakage points,
- Biodiversity – green cover mapping, tree counting, biodiversity register.

1.2 Green Master Plan: Since there is need to augment the infrastructure on the campus, it becomes quality critical to ensure that the master plan in-line with environment norms of GEM (ASSOCHAN)/IGBO/GRIHA. The upcoming infrastructure and facilities as well as addition to the existing structure and facilities should be developed with a focus on energy efficiency, minimizing waste generation, optimizing power, consumption of power, water and other supplies.

1.3 Energy Conservation: The university will do maximum efforts to reduce energy consumption and use renewable sources of energy as far as possible.

- The points of energy wastage and leakage should be identified and appropriate steps to be taken to set a target of attaining significant energy saving by appropriate modification and adopting best practices.
- The fluorescent lights may be replaced with LED in the existing buildings and streetlights across the campus.
- Use of renewable sources of energy should be increased either by installing solar panels on rooftops as well as suitable open places or by other suitable means.

1.4 Water Management Plan for Optimum Usage of Water: The university shall adopt a sustainable water management plan to prevent wastage of water as well as recycle and reuse wastewater in the university campus.

- Reduction of potable water usage by efficient monitoring, using efficient fixtures and restricting usage for irrigation.
- Installation of rainwater harvesting units at suitable location in campus.
- Use of sustainable horticulture practices.

1.5 Reduction of Carbon Footprints: The university shall do possible efforts to reduce carbon footprints from university A methodology of calculating the carbon footprints of the whole institute should be developed and improvement should be monitored.

- Tree plantation drives on and off campus should be initiated to reduce the carbon footprints.
- Provisions should be made to motivate the staff and students for using bicycle, public transport and/or carpool at least once a week for routine transportation.





1.6 Plastic Free Campus (avoid using single use plastic): The university shall make provisions to ban the use of single use of plastic at university premises. Various awareness programmes may be initiated to motivate the staff, student and people in surrounding areas to phaseout single use plastic from their schedule.

1.7 Biodiversity, Plantation and Landscaping of Campus: Proper documentation of the flora and fauna at university premises should be done with the help of experts. Further plantation should be done in a planned manner in experts' advice to add both green cover and beauty to the campus. Landscaping of different sizes may be done at suitable open spaces with flowering plants, grass and accessories targeting towards the most beautiful green campuses in surrounding.

1.8 Environmental Stewardship Awards: The university shall announce environment Stewardship Awards from time to time to recognize laudable performances of different departments and communities of the campus for their contribution and implementation of waste management and Eco Initiatives.

1.9 Sensitization Awareness and Capacity Building Programs: The university shall organize various workshops/seminars/dialogues/talks/creative actions/research programmes in order to sensitize the students, staff and community in surrounding about global and local environmental issues for moving towards a resilient future.



Registrar

BML Munjal University, Gurugram