

WASTE MANAGEMENT POLICY

Document	Policy and Procedures Compendium
Department	Administrative Office
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Title	WASTE MANAGEMENT POLICY
Approved by	Maharani Lakshmi Ammanni College Trust (Regd.)

INTRODUCTION

Maharani Lakshmi Ammanni College for Women is committed to transform lives and serve the society through pursuit of excellence in teaching, innovation, lifelong learning, cultural enrichment, and outreach services. With the objective of promoting higher education and research in the fields of environmental, physical and life sciences, arts, commerce and management, the college encourages staff and students to make optimum utilization of its resources in pursuit of knowledge.

In the course of knowledge creation, dissemination and preservation, higher education institutions have an important role to play in enabling and ensuring proper segregation and recycling of wastes generated. The college is committed to substantially reducing waste generation through prevention, reduction, recycling and reuse towards aligning with the UN Sustainable Development Goal 12. Therefore, sustainable waste management practices shall be adopted for reducing its environmental footprint and providing a safe and healthy work environment for teaching and non-teaching employees, students, and visitors.

The college requires all the teaching and non-teaching staff, students and visitors to meet the legal requirements with respect to responsible waste management, reduce the volume of waste sent to landfills and maximize reuse and recycling to the extent possible.

OBJECTIVES

- ✓ To minimize waste generation at source and facilitate repair, reuse and recycling of wastes in a cost-effective manner.
- ✓ To promote environmental awareness in order to increase and encourage waste minimization, reuse and recycling.
- ✓ To ensure the safe handling and storage of wastes on campus.
- ✓ To provide appropriate training for staff, students on waste management issues.
- ✓ To promote holistic approach to waste management in the campus.
- ✓ To provide clearly defined roles and responsibilities to identify and co-ordinate each activity of the waste management.
- ✓ To invest into the expansion of recycling opportunities in the campus and transform waste into value added products.

ATTESTED

Sheshu
Principal

**Maharani Lakshmi Ammanni College
for Women, Autonomous
Science Post, Bangalore - 560 012.**

ORGANIZATION AND MANAGEMENT

The responsibilities for implementation of this Waste Management Policy shall be vested on an Advisory Board constituted as follows:

▪ Advisory Board

- Principal- Chairperson
- Administrative Officer
- Finance Officer
- Academic Coordinator
- Science, Commerce and Arts Coordinators
- Student Representative

▪ Functions of Advisory Board

- Coordinating the provision of a central waste and recycling contract service for use by all facilities on the campus.
- Ensuring that contractors are advised that they must comply with the institution's Waste Management Policy
- Constituting a Waste Management Committee to oversee the day-to-day waste management activities

▪ Responsibilities of Waste Management Committee

- Provision of advice and guidance to stakeholders on waste management.
- Monitoring of management systems for all wastes, to ensure safety and legal compliances
- Monitoring of waste contractors engaged by the college.
- Provision of appropriate training to all personnel responsible for waste management.
- Collection and supply of all relevant information to appropriate enforcement agencies, whenever required
- Investigation of any incident or spillage relating to all types of hazardous and general waste management
- Supervision of support staff who shall be responsible for
 - ✓ Overseeing the day-to-day delivery of general waste and their recycling services
 - ✓ Operational monitoring of waste management systems across the campus
 - ✓ Compiling waste transfer data and statistics for centrally managed waste and recycling collection centre.
- Monitoring of housekeeping staff who shall be responsible for
 - ✓ Disposing of waste responsibly through the appropriate waste disposal system (segregation of waste), in accordance with policy and procedures.
 - ✓ Reporting any problems with waste collection to the support staff.
- Creating awareness among students who shall be responsible for
 - ✓ Disposing of waste responsibly, through the appropriate waste disposal system, in accordance with policy and procedures
 - ✓ Reporting any problems related to department/laboratory waste or waste disposal procedure to the 'Head of Department'.

ATTESTED

Sushil
Principal

**Maharani Lakshmi Ammanni College
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ACTION PLAN

Solid Waste:

- Any solid waste generated in the campus shall be managed and handled in accordance with the compliance criteria and the procedure laid down in Municipal Solid Wastes (Management and Handling) Rules, 1999, published under the notification of the Government of India in the Ministry of Environment and Forests number S.O. 783(E), dated, the 27th September, 1999 in the Gazette of India, Part II, Section 3, Sub-section (ii).
- Waste bins shall be placed in the campus at various places like classrooms, faculty room, administration office, computer lab, library, corridor, washroom, etc.
- Solid waste shall be segregated as paper rubbish, plastic waste, glass and ceramics, metals and tins
- Each of them shall be disposed of appropriately and sent to the relevant agencies for reuse/recycling.
- The college shall explore options/ opportunities for reusing, recovery and recycling of non-hazardous waste in an environmentally sustainable manner. Paper waste and old books shall be given for recycling once a year.

Liquid Waste:

- Liquid waste generated in the college consists of all grease, oil, sludge, wash water, waste detergents and dirty water that have been thrown away.
- Drinking from RO and distillation units (Laboratory) should be recycled/water the plants.

Organic Waste:

- Organic waste consists of food waste generated in the canteen. When decomposing, organic waste produces methane, so, it shall not be thrown away with regular waste.
- This type of waste shall be disposed of properly in separate bins earmarked for the purpose.
- Common treatment plant for organic waste shall be established and the degradable waste shall be treated accordingly.

e-Waste:

The college uses various types of electronic gadgets like – computers, printers, LCD projectors etc. These products become outdated after few years due to advancement in technology.

- Inventories of 'end of life' e-waste shall be made and disposed of to an authorized recycler for refurbishing, reusing or recycling.
- Guidelines issued by government and regulatory bodies with respect to disposal of e-Waste shall be adhered to.

Hazardous Waste:

- As per the Hazardous Waste Regulations, the college can store hazardous waste for a period not exceeding 90 days and shall maintain a record of sale, transfer, storage, recycling and reprocessing of such wastes unless the concerned State Pollution Control Board has extended the stipulated period. It will be mandatory on the part of the Head of the department/Principal

ATTESTED

M. Lakshmi
Principal
Maharani Lakshmi Ammanni College
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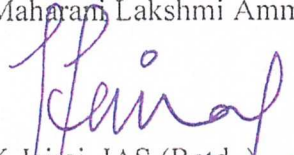
Investigator (Project)/ in-charge (Animal House) to report changes/additions in hazardous waste generation and steps taken to reduce generation of waste per unit of production

- Waste that causes substantial or potential threats to public health or the environment e.g. Acids, Pesticides, Fluorescent Tubes, Alkaline Solutions, Photographic Chemicals, Batteries, Waste Oils, Paint, Solvents, Computer Monitors, radioactive substances are included in the list of hazardous waste. The waste shall either be recycled /reused or disposed of in captive or common treatment, storage and disposal facilities available in the campus or incinerated
- For waste which cannot be recycled/ reused/ refurbished, safe and environmentally sound disposal shall be adopted depending upon waste category. Design and operation norms of disposal facilities shall be strictly adhered to as per the guidelines framed by Central Pollution Control Board.

Note:

- Activities concerning establishment and utilisation of nuclear facilities and use of radioactive sources are to be carried out in India in accordance with the relevant provisions of the Atomic Energy Act, 1962.**
- Animal house/bio-medical waste management and disposal will be governed by Bio-Medical Waste (Management and Handling) Rules, 1998, MoEF, Gov. of India.**

For Maharani Lakshmi Ammanni College Trust (Regd.)


Sri. K. Jairaj. IAS (Retd.),
Managing Trustee

MANAGING TRUSTEE

Maharani Lakshmi Ammanni College Trust (R.)
Malleswaram, Bangalore - 560 012

ATTESTED


Principal

**Maharani Lakshmi Ammanni College
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Science Post, Bangalore - 560 012.**