



BMIU

BABA MASTNATH UNIVERSITY

BIO-MEDICAL WASTE MANAGEMENT POLICY

(as recommended by the Academic Council vide Resolution No. 13, Board of Management vide Resolution No. 14 and approved by the Governing Body vide Resolution No. 08 dated 23-05-2025)

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1. Background

Baba Mastnath University (BMU), located at Asthal Bohar, Rohtak, is a distinguished centre of higher learning in North India. Established under the Haryana Private Universities Act, 2006 and recognized by the University Grants Commission (UGC) under Section 2(f), BMU is also an esteemed member of the Association of Indian Universities (AIU). Guided by the visionary leadership of Baba Mastnath Math, the University is committed to excellence in education, healthcare, research, and sustainable development.

As part of its healthcare infrastructure, BMU operates its own General Hospital and Eye Hospital, serving the community through medical education, clinical services, and research. These healthcare facilities generate various categories of bio-medical waste as part of their routine operations. Recognizing its responsibility towards public health and environmental safety, BMU is committed to the safe, scientific, and legally compliant management of bio-medical waste.

To ensure effective waste handling and disposal, BMU has partnered with authorized external agencies for the collection, transportation, and treatment of biomedical waste, in accordance with the Bio-Medical Waste Management Rules, 2016 (and subsequent amendments), issued by the Ministry of Environment, Forest and Climate Change (MoEF&CC), Government of India. This policy reflects the University's resolve to maintain a clean, safe, and eco-conscious campus environment, while setting a benchmark in responsible healthcare waste management.

2. Objectives

1. Ensure legal compliance with BMW Rules, 2016 and Haryana State Pollution Control Board (HSPCB) regulations.
2. Protect human health and the environment by adopting safe and scientific waste handling procedures.
3. Segregate waste at source using a color-coded system and minimize waste generation.
4. Define institutional responsibilities and assign clear roles for all stakeholders.
5. Build awareness and capacity through training programs and communication.
6. Ensure effective collaboration with authorized external companies for collection, transport, and final disposal.

3. Scope

This policy will be applicable to all BMW-generating units at BMU, including:

- General Hospital
- Eye Hospital
- Faculty of Nursing
- Teaching and Research Laboratories
- Medical, Dental, Ayurvedic, Pharmacy, and Physiotherapy Departments
- University health camps and outreach programs

4. Categorization of Bio-Medical Waste

Waste is classified and handled according to the color-coded categories mandated by BMW Rules, 2016:

Colour Code	Type of Waste	Examples
Yellow	Human anatomical, soiled waste, expired drugs	Body parts, blood-soaked items, masks, expired medicines
Red	Contaminated recyclables	IV sets, catheters, gloves
White (Translucent)	Sharps	Needles, syringes, blades
Blue	Glassware and metallic waste	Ampoules, vials

5. Waste Management Protocol

a. Waste Segregation at Source

- All medical and paramedical staff must use color-coded bins and bags at the point of waste generation.
- SOPs and posters are displayed in all departments to guide proper segregation.

b. Collection and Storage

- Waste is collected **twice daily** from each ward, OPD, lab, and procedure room.
- **Temporary storage rooms** (well-ventilated, access-controlled, and away from patient areas) are maintained in the hospitals.

c. Outsourced Collection and Disposal

- The contracted agency:
 - Provides sealed, labeled containers.
 - Uses GPS-enabled vehicles for waste transport.
 - Maintains logs and issue disposal certificates.
- BMU's **nodal officer** coordinates with the agency and ensures compliance documentation is in place.

6. Departmental Responsibilities

Stakeholder	Responsibilities
Medical Superintendents (General & Eye Hospital)	Oversee compliance and daily operations
BMW Nodal Officer	Liaison with CBWTF, documentation, incident response
Heads of Departments (Medical, Nursing, Pharmacy, etc.)	Ensure segregation and staff training
Store In-Charge	Maintain inventory of BMW supplies
Housekeeping Supervisor	Waste transport from wards to storage
All Staff and Students	Follow segregation protocols and report non-compliance

7. Training and Capacity Building

- Induction training for new staff and students on BMW segregation and handling.
- Monthly awareness sessions and emergency drill exercises.
- Annual audits and refresher training for all hospital departments.

8. Documentation and Reporting

- BMU maintains daily logs, monthly reports, and annual compliance submissions to the HSPCB.
- Waste movement manifests, disposal certificates, and contractor records are archived by the Nodal Officer and finally will be submitted to Registrar's Office.
- Incident reports (accidental exposure, spillage, etc.) are submitted within 24 hours and addressed promptly.

9. Monitoring and Review

- A Bio-Medical Waste Management Committee (BMWMC) headed by the Dean of Medical Sciences will:
 - Conduct regular inspections and reviews.
 - Coordinate with the HSPCB and CBWTF providers.
 - Update SOPs and infrastructure in line with regulatory revisions.

By formalizing this **Bio-Medical Waste Management Policy**, Baba Mastnath University reaffirms its commitment to public health, environmental safety, and legal responsibility. With dedicated hospitals and health departments, BMU strives to maintain exemplary standards of biomedical waste handling in coordination with certified waste management partners.

This policy is a cornerstone of BMU's larger sustainability mission—cultivating a safe, healthy, and environmentally responsible academic and healthcare ecosystem.

