



**EDUCARE
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WASTE MANAGEMENT POLICY

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Waste Management Policy

1. Objective

Educare Institute of Dental Sciences establishes a comprehensive waste management system that ensures safe, efficient, and environmentally responsible handling, segregation, storage, treatment, and disposal of all types of waste generated in the dental college.

2. Scope

This policy applies to all departments, clinics, laboratories, administrative offices, and common areas within Educare Institute of Dental Sciences.

3. Types of Waste

- **Biomedical Waste (BMW):** Includes human tissues, sharps, used bandages, swabs, and other infectious waste.
- **Chemical Waste:** Includes dental amalgam, disinfectants, sterilizing agents, and other chemicals.
- **General Waste:** Includes paper, plastic, food waste, and other non-hazardous waste.
- **E-waste:** Includes discarded electronic devices and components.
- **Pharmaceutical Waste:** Includes expired or unused medications.

4. Regulatory Compliance

Educare Institute of Dental Sciences ensures compliances with:

- The Biomedical Waste Management Rules, 2016, by the Ministry of Environment, Forest and Climate Change, India.
- The Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
- The E-Waste (Management) Rules, 2016.

5. Responsibilities

- **Administration:** Oversee the implementation and monitoring of the waste management policy.
- **Staff and Students:** Follow waste segregation guidelines, use designated bins, and adhere to safety protocols.





- **Housekeeping and Maintenance:** Ensure regular collection, transportation, and storage of waste in compliance with regulations.

6. Segregation and Collection

- **Biomedical Waste:** Segregate into color-coded bins (yellow, red, white, and blue) as per BMW Management Rules.
- **Chemical Waste:** Store in labelled, leak-proof containers and avoid mixing with general waste.
- **General Waste:** Use separate bins for recyclables (paper, plastic) and non-recyclables.
- **E-waste:** Collect in designated bins for electronic waste and arrange for authorized disposal.
- **Pharmaceutical Waste:** Collect in designated containers and ensure safe disposal through authorized agencies.

7. Storage and Transportation

- **Biomedical Waste:** Store in a secure, labelled area and transport to a designated BMW treatment facility.
- **Chemical Waste:** Store in a well-ventilated, secure area with appropriate labelling and transport to an authorized disposal facility.
- **General Waste:** Regular collection by municipal waste services or authorized recyclers.
- **E-waste:** Store securely and arrange for pickup by authorized e-waste recyclers.
- **Pharmaceutical Waste:** Store in a secure area and coordinate with authorized disposal agencies.

8. Treatment and Disposal

- **Biomedical Waste:** Autoclave, incinerate, or use other approved methods as per BMW Management Rules. There are disposed through IMAGE.
- **Chemical Waste:** Neutralize or dispose of as per Hazardous Waste Management guidelines. There are disposed through IMAGE.
- **General Waste:** Recycle or dispose of in sanitary landfills.
- **E-waste:** Recycle through authorized e-waste management companies.





- **Pharmaceutical Waste:** Dispose of through authorized agencies following guidelines for pharmaceutical waste.

9. Training and Awareness

- Conduct regular training sessions for staff and students on waste segregation, handling, and safety procedures.
- Display informative posters and guidelines throughout the campus.

10. Monitoring and Auditing

- Regularly monitor waste segregation, storage, and disposal practices.
- Conduct periodic audits to ensure compliance with the waste management policy.
- Maintain records of waste generation, transportation, and disposal.

11. Emergency Response

- Develop and implement an emergency response plan for spills, exposures, and other incidents related to waste handling.

12. Continuous Improvement

- Review and update the waste management policy periodically.
- Incorporate new technologies and best practices to improve waste management.

13. Community Engagement

- Engage with local communities to promote awareness about waste management and environmental sustainability.

By implementing this comprehensive waste management policy, Educare Institute of Dental Sciences ensures a safe and sustainable environment for its staff, students, and the surrounding community

