



# BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING FOR WOMEN



: Founder :

**Dr. Patangrao Kadam**

M.A., LL.B., Ph.D.

(Recognised by AICTE, New Delhi, DTE Mumbai & Affiliated to Savitribai Phule Pune University)

Accredited with 'A' Grade by NAAC in 2024

● Id No. : PU/PN/Engg./150/2000 ● DTE College Code : EN6285

Principal :

**Prof. (Dr.) Pradeep V. Jadhav**

M.E., Ph.D.(Mech. Engg.), FMASC, FLMIET, MSAEINDIA



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## Policy for Management of various types of Degradable and Non-degradable waste

Bharati Vidyapeeth's College of Engineering For Women, Pune 43 recognizes the importance of environmental sustainability and is committed to managing various types of waste generated within its premises. This policy document outlines the guidelines and procedures for the management of degradable and non-degradable waste to ensure compliance with environmental regulations and promote responsible waste disposal practices.

### Objectives:

1. To minimize the generation of waste through awareness and efficient resource utilization.
2. To segregate and manage degradable and non-degradable waste effectively.
3. To promote recycling and reusing practices to reduce the environmental impact of waste.
4. To ensure proper disposal of hazardous waste in compliance with regulatory standards.
5. To educate students, faculty, and staff about the importance of waste management and their roles in the process.
6. To ensure the safe and hygienic disposal of sanitary pads in compliance with biomedical waste management regulations.
7. To minimize the environmental impact of sanitary pad disposal by utilizing incinerators for their safe incineration.
8. To promote awareness among students, faculty, and staff about the proper disposal of sanitary pads and the importance of biomedical waste management.



### **Responsibilities:**

1. Institute Administration: The institute administration is responsible for implementing and monitoring the waste management policy, providing necessary resources and infrastructure, and ensuring compliance with relevant regulations.
2. Faculty and Staff: Faculty and staff are responsible for segregating waste at the source, adhering to waste management procedures, and participating in awareness programs organized by the college.
3. Students: Students are responsible for following waste segregation guidelines, minimizing waste generation, and actively participating in waste management initiatives organized by the institute.
4. Faculty and Staff: Faculty and staff are responsible for guiding students on the proper disposal of sanitary pads, ensuring compliance with waste disposal procedures, and reporting any issues related to incinerator maintenance or operation.
5. Students: Students are responsible for disposing of sanitary pads in designated bins provided in washrooms and following the waste disposal guidelines outlined in this policy document.

### **Waste Segregation Guidelines:**

1. Degradable Waste: Includes organic waste such as food scraps, kitchen waste, garden waste, etc. Degradable waste should be collected separately in designated bins and composted to produce organic manure.
2. Non-Degradable Waste: Includes materials such as plastics, glass, metals, paper, etc. Non-degradable waste should be segregated into recyclable and non-recyclable categories and disposed of accordingly.
3. Hazardous Waste: Includes batteries, electronic waste, chemicals, etc. Hazardous waste should be handled with care and disposed of in accordance with regulatory requirements.
4. Sanitary pads should be disposed of separately from other waste in designated bins provided in washrooms.

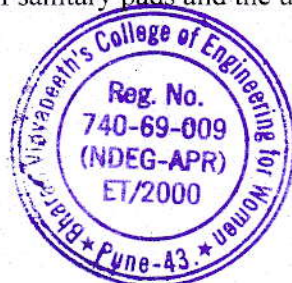


### **Waste Management Procedures:**

1. Segregation: Waste should be segregated at the source into degradable, non-degradable, and hazardous categories using color-coded bins provided across the campus.
2. Collection: Segregated waste should be collected regularly from designated collection points and transported to appropriate treatment facilities.
3. Recycling and Reusing: Recyclable materials should be sent to authorized recycling facilities, and efforts should be made to reuse materials wherever possible to minimize waste generation.
4. Composting: Organic waste should be composted using appropriate methods to produce organic manure for gardening purposes.
5. Disposal: Non-recyclable and hazardous waste should be disposed of in compliance with local regulations and guidelines provided by authorized waste disposal agencies.
6. Liquid Waste: The institute along with all other institutes in the campus of Bharati Vidyapeeth's Dhankawadi campus shares a centralized Sewage Treatment Plant (STP) of having a capacity of 750 m<sup>3</sup> per day. The total sewage collected from bathrooms and toilets is treated in the Sewage Treatment Plant based on high efficiency modified aerobic activated sludge system using extended aeration process. The treated sewage meets the requirements of the State Pollution Control Board and the same can be used for landscaping and other purposes.
7. Incineration: Sanitary pads collected in the designated bins should be incinerated using the incinerators installed in the washrooms. The incinerators should be operated in accordance with the manufacturer's instructions and safety guidelines.
8. Safety Measures: Prior to incineration, ensure that the incinerator is properly ventilated and that all safety precautions are followed to prevent accidents or mishaps.
9. Monitoring: Regular monitoring of the incinerators should be conducted to ensure their proper functioning and to address any maintenance issues promptly.

### **Awareness and Training:**

1. Regular awareness programs, workshops, and training sessions should be organized for students, faculty, and staff to educate them about the importance of waste management and their roles in implementing the policy.
2. Informational posters, signage, and digital displays should be installed across the campus to promote waste segregation and proper disposal practices.
3. Regular awareness campaigns and training sessions should be conducted to educate students, faculty, and staff about the proper disposal of sanitary pads as biomedical waste and the importance of waste management.
4. Informational posters and signage should be displayed in washrooms to provide instructions on the proper disposal of sanitary pads and the use of incinerators.




### **Review and Monitoring:**

1. The waste management policy should be reviewed periodically to assess its effectiveness and identify areas for improvement.
2. Regular audits and inspections should be conducted to monitor compliance with waste management procedures and address any non-conformities.

### **Outcome:**

Bharati Vidyapeeth's College of Engineering For Women, Pune 43 is committed to promoting environmental sustainability through responsible waste management practices. By adhering to the guidelines outlined in this policy document and fostering a culture of environmental consciousness, we aim to minimize our ecological footprint and contribute to a cleaner and healthier environment for future generations.



  
Principal  
Prof. Dr. Pradeep Jadhav

PRINCIPAL  
Bharati Vidyapeeth's  
College of Engineering for Women  
Pune-Satara Road, Pune-411043.