

PHALTAN EDUCATION SOCIETY'S COLLEGE OF ENGINEERING, PHALTAN

(Approved by AICTE New Delhi, D.T.E. Mumbai and D-BATU Lonere/MSBTE Mumbai)

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Hon. Shreemant Sanjivraje Naik Nimbalkar
Secretary, P. E. S.

Prof.Dr. N. G. Narve
Principal

Ref. No. :

Date:

Solid waste management:

Our campus follows a systematic solid waste management practice with the objective of maintaining cleanliness, promoting environmental responsibility, and creating a plastic-free campus. To ensure proper segregation of waste at the source, separate dustbins are provided across the campus for dry waste and wet waste. Wet waste, such as food and biodegradable materials, is collected separately for appropriate disposal and treatment, while dry waste, including paper, plastic, and other recyclable materials, is segregated for recycling. The use of single-use plastic is discouraged within the campus, and awareness is created among students and staff to support plastic-free practices.

These initiatives help in reducing environmental pollution, improving waste handling efficiency, and promoting sustainable practices within the campus.





Waste Collection Bin

Incinerator in the Washroom:

The campus has installed incinerator facilities in washrooms to ensure the safe, hygienic, and environmentally responsible disposal of sanitary waste. These incinerators are specifically used for the disposal of sanitary napkins and related biodegradable sanitary materials, thereby preventing improper dumping and blockage of drainage systems.

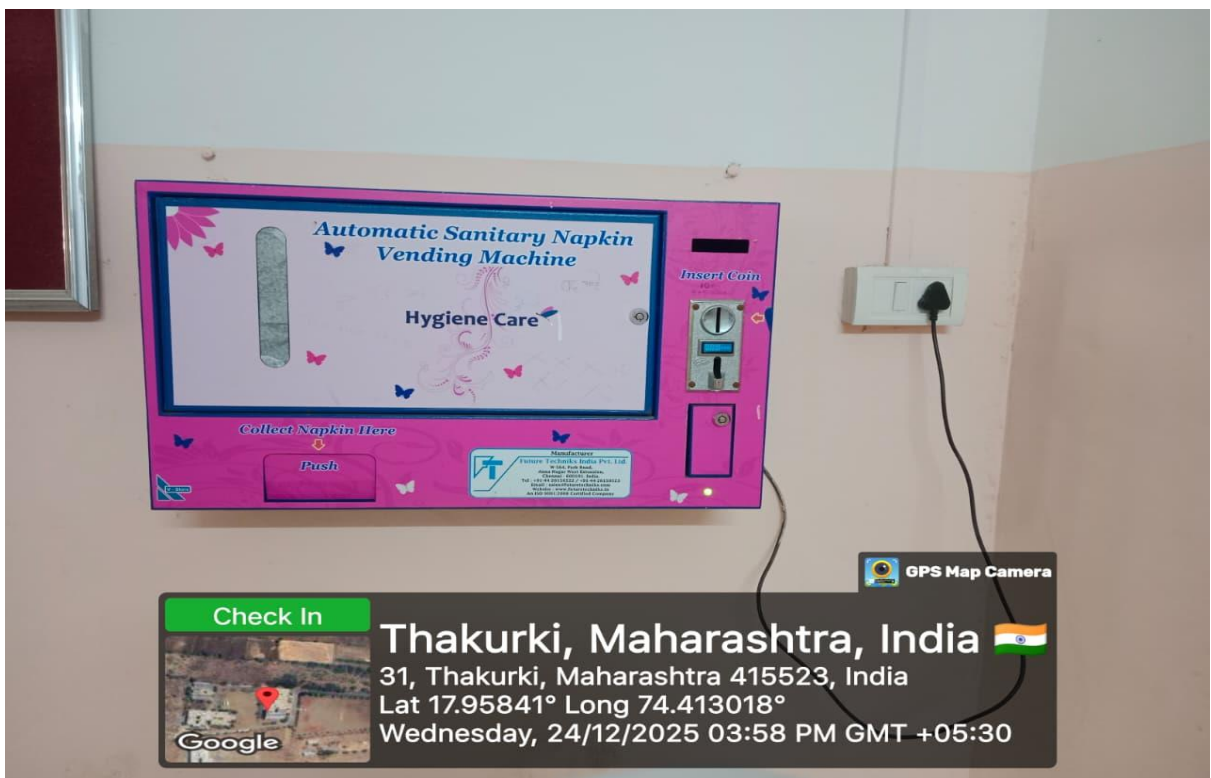
The incineration process effectively reduces the volume of sanitary waste and minimizes the risk of the spread of infections and foul odor. The ash generated after incineration is minimal and is disposed of in a safe and scientific manner as per prescribed guidelines. Proper ventilation is ensured to maintain safety and comfort within the washroom premises. The availability of incinerators promotes menstrual hygiene management, particularly for female students and staff, and contributes to maintaining cleanliness, dignity, and health on campus. Regular maintenance and monitoring of the incinerator units are carried out to ensure efficient operation and compliance with environmental and safety norms.

This initiative reflects the institution's commitment to sustainable sanitation practices, public health, and environmental protection.





Incinerator in college campus



Sanitary Pad Vending Machine in Girls Washroom



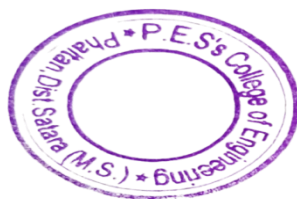
E-Waste management:

The campus has adopted a systematic e-waste management mechanism to ensure the safe handling and disposal of electronic waste generated from academic and administrative activities. E-waste such as obsolete computers, printers, keyboards, cables, electronic components, and other electrical accessories is collected separately and stored in a designated area to prevent environmental contamination. The institution ensures that e-waste is not mixed with general solid waste. Periodic disposal is carried out through authorized e-waste recyclers as per government norms and environmental regulations. This process helps in the recovery of valuable materials and prevents the release of hazardous substances such as lead, mercury, and cadmium into the environment. Awareness is created among students, faculty, and staff regarding the hazards of improper e-waste disposal and the importance of responsible electronic usage. The institution also encourages the reuse and repair of electronic equipment wherever feasible to reduce the generation of e-waste.

Through these measures, the campus demonstrates its commitment to environmental sustainability, resource conservation, and compliance with e-waste management rules.



Unused computers and other electronic waste



Hazardous chemicals and waste management:

The institution follows strict procedures for the safe handling, storage, and disposal of hazardous chemicals waste generated mainly from laboratories and research activities. All hazardous chemicals are properly labeled and stored in designated, secure areas as per safety guidelines to prevent accidents, spills, and environmental contamination. Chemical waste is segregated based on its nature and hazard level and is not disposed of along with general waste. Disposal is carried out through authorized agencies in compliance with statutory regulations and environmental safety norms. Laboratory users are trained in safe handling practices, use of personal protective equipment (PPE), and emergency response procedures. Regular monitoring and record-keeping are maintained to ensure compliance with safety standards.

These practices reflect the institution's commitment to maintaining a safe academic environment, protecting public health, and ensuring environmental sustainability through responsible hazardous waste management.

