



Punyashlok Ahilyadevi Holkar Solapur University, Solapur

E-Waste Policy





पुण्यश्लोक अहिल्यादेवी होळकर
सोलापूर विद्यापीठ

॥ विद्यया संपन्नता ॥

E-Waste Policy

January - 2026

E-Waste Policy

INTRODUCTION:

With technological advances the demand for electronic gadgets and usage is increasing in a significant manner. This has led to increase in manufacturing of Electrical and Electronic Equipment (EEE), high-tech software and hardware. These electronic goods impact our society in terms of providing comfort in our daily life. However, they have become a major health and environment hazard. With the presence of deadly chemicals and toxic substances in the electronic gadgets, disposal of E-waste is becoming an environmental and health nightmare. Therefore, an appropriate approach is required for E-waste management and disposal.

The P. A. H. Solapur University makes use of a wide range of electronic and electrical equipment's owing to the different faculties in the campuses resulting in the generation of huge amount of E-waste. All the campuses have well established computer laboratories with hundreds of computer systems and allied peripherals. Moreover, entire university faculty and staff in administration, technical and finance use computers for carrying out their day-to-day functioning. The obsolescence rate of these equipments is 3-5 years and therefore must be discarded or replaced by new devices. Thus there is need of an E-waste management in the university, which would ensure the disposal of these obsolete equipments as per the approved guidelines by the Govt. of India. Establishment of an E-waste management infrastructure, awareness and education, and human resource development resource mobilization are some of the key strategies encompassed by this policy document.

SCOPE OF THE POLICY

E-waste broadly covers various electronic products such as, computers, mobile phones, digital music recorders/players, refrigerators, washing machines, televisions (TVs), etc. Some of them containing toxic substances/chemical like lead, zinc, barium, cadmium, mercury, and phosphor compounds that release in the atmosphere can have an adverse impact on human health and the environment if not handled properly. Serious consequence may arise for those in proximity to places where E-waste is recycled or burnt due to improper recycling and disposal procedure. The policy is formed to be applicable in the University campuses and covers all electronic equipment and devices and E-waste management operations on E-waste resulting from activities of staff and students within the University.

OBJECTIVES OF THE POLICY

The following listed items are considered as E-waste that is collected from various sections of the University:

- Centralized data processing instruments, Mainframes, Minicomputers, Central Processing Units (CPUs), Input and output devices, Laptop, Desktop.
- Printers, Printer cartridges, Copying Equipment.
- Telephones, Cordless telephones, Cellular telephones.
- Television sets based on Liquid Crystal Display (LCD) and Light Emitting Diode (LED) technology.
- Air-conditioners
- Fluorescent lamps, lamps which contain mercury, and other Consumer electrical and electronic items.

The disposal of such items is treated on priority basis and necessary action is taken by the University accordingly. In developing the E-waste policy, the University seeks to meet the following objectives:

1. To minimize generation of E-waste at source and facilitate repair, reuse, and recycling wherever possible, over the disposal of wastes in a cost-effective manner.
2. To mobilize and sensitize stakeholders on the proper management and handling of E-waste on a sustainable basis.
3. To ensure the safe handling and storage of wastes in university campuses.
4. To encourage use of environmentally sound E-waste recycling methods.
5. To provide guidance on the standards of electronic equipment that is implemented in the University.
6. To provide appropriate training for teacher, resident, staff, students and other stakeholders on waste management issues.

E-WASTE POLICY GUIDELINES

Considering the negative impacts of the improper disposal of E-waste, it is necessary to implement an effective E-waste management system in the University. There are only two E-waste disposal methods at hand with the University, namely.

- 1) Store at the warehouse and
- 2) Hand over to E-waste collectors as identified by the Government.

The University endeavors to ensure environmentally sound management of E-waste. Environmentally sound recycling refers to recycling without leading to adverse impact on environment and health. The use of environmentally sound technologies needs to be encouraged to increase efficiency in processes, sensitize recovery materials and conserve energy, thus reducing waste generation. The policy shall enable access to such technologies and make the informal stakeholders accountable.

Environmentally sound E-waste management shall be achieved through the following measures:

- 1) E-waste sound recycling in campuses of the University.
- 2) Ensure use of environmentally sound technologies to maximize recovery and minimize waste generation.
- 3) Appropriate technologies for recycling to be sourced/developed.
- 4) Training and skills development to be encouraged for using environmentally safe operations in handling E-waste.
- 5) The need of dispose E-waste in manner that is safe and sound with respect to its staff, students and institutional operations. The need to establish clear guidelines on E-waste management.

Waste Disposal Committee:

The university shall constitute an E-waste disposal committee which shall be responsible for:

- 1) Ensure that E-waste is collected every quarter and kept in an appropriate storage, pending the recommendations/approval of recommendations of Disposal Committee.
- 2) Profile all E-waste generated at least once every quarter and prepare including recommendations of disposal.
- 3) Execute the recommendations of Disposal Committee and prepare a yearly report for the University Management.

The E-waste Disposal Committee shall be constituted as following:

Register	Chairman
Finance and Accounts Officer	Member
Dean, Science and Technology Faculty	Member
Director, Board of Examination and Evaluations	Member
Director, Knowledge Resource Centre	Member
Director of all schools	Member
IT Co-ordinator	Member Secretary

Minimizing waste generation at source:

University will explore the possibilities the minimization of waste generation.

- 1) Encourage the paper less work
- 2) Look for products likely to have a much longer lifespan
- 3) Reuse as often as possible
- 4) Look for an environmentally friendly label. For example, see if the products you buy are labelled Energy Star.
- 5) Look for devices that have multiple functions.
- 6) Reuse, recovery and recycling of non-hazardous waste.

As per the hazardous waste regulations, university 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 Central/State Pollution Control Board has extended the stipulated period. The waste could either be recycled/reused or disposed off in captive or common treatment, storage and disposed facilities available in the campus or destroyed as proposed in the waste hierarchy list (Reduc E-Reus E-Recycl E-Proper Disposal).

R-R-R (Reuse, Recovery and Recycling) of non-hazardous waste:

University will explore options/opportunities of reusing, recovery and recycling of nonhazardous waste in an environmentally sustainable manner. Paper waste will be recycled to make packing material. The toxic inks and dyes of the paper of the paper will be treated with enzyme technology, which is environmentally caring.

Setting up of disposal facility:

For the waste which cannot be recycled / reused, safe and environmentally sound disposal will be adopted depending upon waste category.

1) All university electronic and electrical devices which have become obsolete shall be reported to E-waste disposal committee as constituted by the committee. E-waste disposal committee team shall pick up E-waste items from all departments or sections. They shall categorize items for recycling purpose depending upon status of the equipment. Items which have become obsolete and are of no use can be treated as scrap and can be handed over to government approved E-waste recycles to generate some amount of revenue for the University.

2) The E-waste disposal committee shall be responsible for record keeping and certification of the disposal for all E-waste as the recommendations.

Review Policy:

The policy shall be reviewed after every five years or earlier, as need arises to check the effectiveness of the proposed E-waste policy management system in the university.



Internal Quality Assurance Cell (IQAC)

Punyashlok Ahilyadevi Holkar Solapur University, Solapur

Kegaon, Solapur - Pune Highway,
Solapur - 413 225, Maharashtra.

Ph. No. 0217 - 2744776, Fax.- 0217-2744770

<https://sus.ac.in> Email : iqac@sus.ac.in