

e-Waste Management Policy



AMAR SHAHEED KANCHAN SINGH AUTONOMOUS P.G College

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INTRODUCTION:

Amar Shaheed Kanchan Singh Autonomous P.G College, Shivpuri Fatehpur realizes sustainable and holistic waste management is essential in reducing its environmental footprint and providing a safe and healthy work environment for teaching and non-teaching employees, students, and visitors. The college has a duty to ensure that all the campus wastes are disposed of responsibly by using proper waste segregation mechanism at the source and if possible, converting it into value added environment friendly product. Furthermore, the medical and other hazardous waste should be disposed or managed by government approved, registered waste contractors.

The purpose of the policy is to facilitate implementation of the action plan brought out in "National Environment Policy 2006" on management aspects of hazardous waste including their minimization, environmentally sound management and active promotion of transfer and use of cleaner technologies.

POLICY STATEMENT

The college shall adopt the principles of the 'best practicable environmental option' in the delivery of its waste management services. It will apply a 'waste hierarchical approach', to reduce, reuse, recycle and recover waste products in preference to the disposal of waste to landfill. The college recognises the importance of meeting these legal requirements and to manage its waste responsibly, reduce the volume of waste sent to landfill and maximise reuse and recycling where possible. The college requires all the teaching and non-teaching staff, students, guests and anyone else making use of the premises to comply with this Policy.

POLICY OBJECTIVES

The objectives of this policy are:

- To minimise e-waste generation
- To mobilise and sensitise stakeholders on the proper management and handling of e-waste on a sustainable basis.
- To develop beneficial environmentally sound e-waste recycling
- To provide guidance on the standard of electronic equipment that is imported into the college
- To promote environmental awareness and encourage waste minimisation, reuse and recycling.
- To ensure the safe handling and storage of wastes on college campus.
- To provide appropriate training for teacher, resident, staff, students and other stakeholders on waste management issues.

ACTION PLAN

Amar Shaheed Kanchan Singh Autonomous P.G College in liaison with Faculty/Department, identify e-waste in the campus. Ensure that e-waste is collected every quarter and kept in an appropriate storage. The College 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 State Pollution Control Board has extended the stipulated period. The waste could either be recycled /reused or disposed of in captive or common treatment, storage and disposed facilities available in the campus. It will explore options/opportunities of reusing, recovery and recycling of non-hazardous waste in an environmentally sustainable manner. The toxic inks and dyes of the paper will be treated with enzyme technology, which is environmentally benign.

TREATMENT AND DISPOSAL OF “BIOMEDICAL WASTE”

Biomedical waste, which is generated during the diagnosis, treatment or immunisation of human beings or animals or in research activities pertaining thereto or in the production or testing of biologicals, and including categories mentioned in Schedule I, (Management and Handling) Rules, 1998, MoEF, Gov. of India.

Cytotoxic waste may be contaminated with a cytotoxic, pharmaceuticals, laboratory chemicals used in preparation, transportation and administration.

Chemical waste is generated from the use of chemicals in laboratories for teaching and research. Radioactive waste is contaminated with radioactive substances which arises from medical or research uses.

General waste includes paper, plastics, glass, liquids and organics.

Hazardous Waste, bulk of which is generated by the industries, can cause environmental pollution and adverse health effects if not handled and managed properly. Its effective management, with emphasis on minimization of generation and recycling/ reuse, taking into account economic aspects, is therefore essential.

CAPACITY BUILDING

e-waste management activities shall be strengthened through capacity building and continued efforts on research and development. The existing skills in the area of e-waste are limited, yet these skills are a prerequisite for successful protection against e-waste hazards for both the environment and human health. Hence Amar Shaheed Kanchan Singh Autonomous P.G College shall;

- Facilitate development of e-waste management training modules to cover technical maintenance, dismantling, and sustainable e-waste management, to provide for environmental and human health benefits.

- Develop e-waste business models which will yield social benefits. These social benefits are jobs and skills transfer from colleges to central and local governments in partnership with private sectors.

AWARENESS AND INFORMATION DISSEMINATION

There is low awareness on hazards of e-waste among the public stakeholders but extremely limited to the community surrounding the College. Community awareness campaigns on how to safely handle e-waste are non-existent. Hence Amar Shaheed Kanchan Singh Autonomous P.G College shall:

- Develop strategy for education efforts including partnerships with manufacturers/retailers/recyclers
- Develop an e-waste resource web portal
- Organise annual events to promote e-waste awareness

Awareness needs to be created among all stakeholders in the e-waste value chain. Training and awareness programmes need to be organised involving other stakeholders.

Research and development shall be facilitated to carry out specific research to evolve cost effective technologies and effective adaptation of the best available technologies for e-waste management.

Approved by



Principal