

**Sipna Shikshan Prasark Mandal Amravati's
Arts, Science and Commerce College, Chikhaldara Distt. Amravati**

**Environmental Consciousness and Sustainability –
7.1.2 – Use of Led Bulb**



Use of Led Bulb and Tube at Hostel and College



Sipna Shikshan Prasarak Mandal, Amravati's

ARTS, SCIENCE AND COMMERCE COLLEGE, CHIKHALDARA, DISTT. AMRAVATI (MS)

4th Cycle Re-accredited by NAAC with Grade 'A' (CGPA 3.22)

**Department of Industrial Chemistry
2023-2024**

Name of the extension activity: - "Save Electricity"

Objective: -

- To create awareness in order to save electricity.
- To encourage students to become good citizens of nation through them.

Number of participants – 410

Duration – 01/08/2023 to 01/05/2024

Brief Report: -

The department of Industrial Chemistry was carried out extension activity on Save Electricity in college campus. Students worked on the save electricity by switch off light and electric instrument punctually. Also display slogan on save electricity i.e. "Do Right Save Light"; "Save light, get hopeful life"; "Keep the future bright, "Turn off the light".

This way department of Industrial Chemistry was carried out extension activity on Save Electricity in college campus. It is very beneficial to college to encourage about save electricity. Energy audit reflect result of save energy in college.

PRINCIPAL
Art, Science & Commerce
College, Chikhaldara

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Department of Industrial Chemistry

Extension Activity

2023-2024



Save Energy Posters and Slogans



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Sipna Shikshan Prasarak Mandal, Amravati's
ARTS, SCIENCE AND COMMERCE COLLEGE
CHIKHALDARA, DISTT. AMRAVATI (Maharashtra State)



Policy Document

E-WASTE MANAGEMENT

Sipna Shikshan Prasarak Mandal, Amravati's
Arts, Science and Commerce College
Chikhaldara, Distt. Amravati

-POLICY DOCUMENT-

E- WASTE MANAGEMENT

Introduction:

Waste is an outcome of product or a substance that is no longer suited for its intended use. Electronic waste also known as E-Waste or WEEE (Waste electrical and electronic equipment) comprises of a broad and growing range of electronic devices, ranging from large household devices such as refrigerators, electric motors, voltage stabilizers, air conditioners, cell phones, personal stereos, Television, LED's, CRT's, Computer systems and other consumer electronics which have outlived their lives and have been discarded by the users. Robinson 2009 defines E-Waste as "any device connected to a power source that no longer satisfies the current owner to the purpose for which it was created", such as computer, television, cell phones, refrigerator and ovens. With the presence of deadly chemicals and toxic substances in the electronic gadgets, disposal of E-Waste is becoming an environmental and health nightmare. Globally only 15 – 20 percent of E-Waste is recycled while the rest is dumped into developing countries such as India, China and Nigeria.

The demand for electronic and electrical equipment (EEE) has been on the increase in the last decade as a result of accelerated economic growth, coupled with urbanization around the world. The useful life of electrical and electronic equipment (EEE) has been shortened as a consequence of the advancement in technology and change in consumer patterns. This has resulted in the generation of large quantities of electronic waste (e-waste) that needs to be managed. The handling of e-waste including combustion in incinerators, disposing in landfill or exporting overseas is no longer permitted without isolating the hazardous materials due to environmental pollution and global legislation

Policy Statement:

Any E-waste generated in the campus shall be managed and handled in accordance with the compliance criteria and the procedure laid down in E-waste (Management & Handling) Rules under the Environment Protection Act 2016 and E- Waste (Management) Amendment Rules, 2018. There is a legal requirement for all who produce, keep or dispose hazardous/radioactive waste/chemical waste of any type. to manage its waste responsibly, reduce the volume of waste sent to landfill and to sensitize reuse and recycling where ever possible. to comply with the various regulations under national and international environmental protection legislation.



Objectives:

1. To minimize generation of e-waste at source and facilitate repair, reuse and recycling where ever possible, over the disposal of wastes in a cost-effective manner.
2. To ensure the safe handling and storage of wastes
3. To provide appropriate training for teacher, resident, staff, students and other stakeholders on waste management issues

Modus Operandi / Working Mechanism:

1. Considering the negative impacts of the improper disposal of e-waste and need to implement an effective e-waste management system.
2. The Institute sponsor seminars regarding proper e-waste management and disposal for students, faculty and staff
3. Environmentally sound e-waste management achieved through the following measures:1) Ensure use of environmentally sound technologies to maximize recovery and minimize waste generation. 2) Appropriate technologies for recycling to be sourced/developed 3) Training and skills development to be encouraged for using environmentally safe operations in handling e-waste.4. To aware staff for effects of e waste.
4. The disposal of e-waste in manner that is safe and sound with respect to its staff, students, and Institutional operations

Feedback Mechanism:

Possible waste disposal methods are recycling, composting, incineration, landfills, bioremediation, waste to energy, and waste minimization. To focus on activities on five life cycle areas – design, production, usage, reuse and recycling, final disposal of electronic waste.

To ensure green computing and proper management of electronic waste. One is to purchase products that are certified by EPEAT, an environmental rating system for electronic products

Creation of initiatives to reduce e waste and its proper management. e waste management initiatives are refuse, **reduce, reuse, repurpose, and recycle**. Effective management of e waste by stock checking committee.



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