



सत्यमेव जयते

Department of Electronics and Information Technology  
Ministry of Communications and Information Technology  
Government of India

# Awareness Programme on Environmental Hazards of Electronic Waste

e-Waste Content  
Development,  
Awareness &  
Inventorization  
Program

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## Awareness Programme on Environmental Hazards of Electronic waste

### Background

- Rapid growth of the electronic industry and high rate of obsolescence of the electronic products lead to the generation of huge quantities of electronic waste (e-waste). The recycling of e-waste in non-formal units by unscientific, unhealthy and non-environmental friendly methods is the key challenge in our society.
- The channelization of the e-waste for proper recycling and establishing a system of accountability in e-waste management would only happen if effective awareness could be established among the consumers, manufactures, recyclers, young generations in school, colleges, government & corporate sectors.

### Objectives

The programme aims to create effective awareness in various levels (of society) to reduce the adverse impact on environment and health arising out of the polluting technologies used in recycling e-waste in the unorganized sector.

### 10 States To Be Covered

- Assam
- Bihar
- Goa
- Jharkhand
- Madhya Pradesh
- Manipur
- Orissa
- Pondicherry
- Uttar Pradesh
- West Bengal

### Stakeholders

- RWAs/Localities
- Schools
- Colleges
- Informal Sector
- Dealers
- Refurbishers
- Manufacturers
- Bulk Consumer (including corporate & Govt.)

### Main Verticals of the Projects

- Inventory study of quantum of e-waste
- Content Development
- Awareness Workshops

### Duration

The programme is for a period of 5 years, i.e. up to March 2020



## Outcomes of the project

- The said project is under Digital India campaign, and it will impact the overall growth of the country as it Conserves natural resources.
- Recycling recovers valuable materials from old electronics that can be used to make new products. As a result, we save energy, reduce pollution, reduce greenhouse gas emissions, and save resources by extracting fewer raw materials from the earth.
- E-Cycling will create jobs for professional recyclers and refurbishers and creates new markets for the valuable components that are dismantled.
- The project will also take care of the responsibilities of the producers that they must inculcate the Principle of EPR and follow the mechanism for channelization of e-waste to registered dismantler or recyclers.
- The programme will make sure that the responsibilities of other stakeholders are also met for effective implementation of the e-waste management rules, 2016.
- The programme will also work upon the awareness on Reduction in the use of hazardous materials in the manufacture of electrical and electronic equipment and their components.

## Projects Components

### Content Development

- Content would be uniform and standardized.
- Content will be stakeholder specific .
- Developed Content will be used for creating awareness among the stakeholders which will include training manuals, audio& video and creatives for print materials.
- The developed content will be available in local languages - Odiya, Assamese, Bengali, Hindi and English.

### Awareness Workshop

- Programme will be implemented in ten pilot states.
- Event will raise awareness among different stakeholders in value chain and will provide opportunities for stakeholders , which will strengthen the existing e-waste management system

### Inventorisation

- Inventory study will be implemented to estimate the quantity of e-waste generated annually and the projection of e-waste quantities for next 5 years
- Inventorisation will also help to get the awareness level and common methods of e-waste disposal among various stakeholders



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