



इलेक्ट्रॉनिक्स एवं
सूचना प्रौद्योगिकी मंत्रालय
MINISTRY OF
ELECTRONICS AND
INFORMATION TECHNOLOGY



YOUTH ECO SUMMIT

E-WASTE REVOLUTION

FROM DISPOSAL TO SUSTAINABILITY

e-waste
noun [U] • ENVIRONMENT

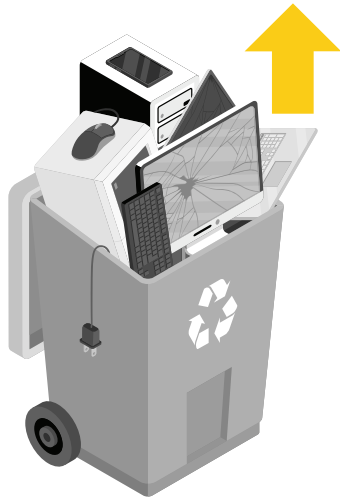
E-waste, or electronic waste, refers to discarded or end-of-life electronic devices and gadgets no longer useful or wanted. Examples: Includes heavy IT and telecommunication equipment like transistors and monitors, and everyday household appliances like televisions, refrigerators, and phones.



TECNO



www.youthecosummit.com



DID YOU KNOW?

FASTEST GROWING WASTE

E-waste is the **fastest growing solid waste** stream in the world, increasing **three** times faster than the world's population (WHO, Oct 2023).

Annual Increase: Worldwide, e-waste generation rises by **2.6 million tonnes** annually, projected to reach **82 million tonnes** by **2030**.

Global Rank: India is the third-largest e-waste generator, following China and the USA.

INDIA AND THE E-WASTE CHALLENGE

Regulations: India's first E-waste regulations were introduced in 2011 and updated in 2023 with a focus on the Extended Producer Responsibility (EPR) framework.

Annual Generation: In 2021-2022, India generated approximately 1.601 million tonnes of e-waste, but only about 0.52 million tonnes were collected and processed.

WHY IS E-WASTE HARMFUL?



Environmental Impact: Improper disposal leads to e-waste ending up in landfills, contaminating soil and water with toxic substances like lead and mercury.



Health Risks: Workers handling e-waste are at risk of exposure to hazardous chemicals, leading to respiratory issues and developmental problems in children.

WAYS TO COMBAT E-WASTE



REPAIR AND REPURPOSE

Fix it: Give old gadgets a second chance by repairing or replacing broken parts.

Repurpose: Find creative ways to use old components in new projects.



RESPONSIBLE RECYCLING

Recycle: Break down old devices to recover valuable materials and give them new life, promoting sustainability in a circular economy.



CONSCIOUS CHOICES AS CONSUMERS

Think Before You Buy: Ask yourself if you really need a new device and consider the impact on the environment.

ABOUT OUR INITIATIVE

BECOME AN E-WASTE CHAMPION!



Partners

Bajaj Foundation, UNICEF YuWaah, Meri LiFE (Ministry of Environment, Forests, and Climate Change), and WWF.



Campaign

"E-Waste Revolution: From Disposal to Sustainability" under the flagship program Beyond Tech for the Youth.



Goal

Raise awareness and catalyze action by involving students, academic institutions, civil society organizations, and industry experts.

WAYS TO GET INVOLVED



Learn

Workshops
Understand the impact of e-waste and how you can help.



Act

Collection Drives
Participate in our e-waste collection drives and recycling efforts.



Inspire

E-Waste Pledge
Motivate your family and peers to take the E-Waste pledge and commit to a greener future with the Meri LiFE app.

LIST OF COLLECTIBLE ITEMS

Beard Trimmer | Bluetooth Headphones/Earphones/Speakers | Computer Keyboards
Defunct Mobile Chargers | Digital Stylus/Pen | Electric Cleansing Brush/Eyebrow
Trimmer/Shaver/Toothbrush | Electric Writing/Drawing Pad | External Webcams
Hair Curler/Dryer/Iron/Straightener | Handheld Gaming Console | Kindles or E-readers
Mini Portable Projector | Mobile Cables | Electronic Calculator | External Hard Drives
External Microphone | Portable Mini Handheld Fan | Remote | Smart Watches
Smartphone | Tablets | USB Flash Drives/Pen Drives | Wired Earphones | Wireless
WiFi Router | MP3 Player | Mouses | Portable Ethernet Network Switch

JOIN THE MOVEMENT

TAKE THE E-WASTE PLEDGE



Your action today shapes tomorrow.
Scan to pledge!

An initiative by Bajaj Foundation