



E-Waste Management

With technological advances the demand for electronic gadgets and usage is increasing in a significant manner. The positive impact of technology on education is undeniable. With the proliferation of the internet and the widespread adoption of devices such as laptops, tablets, and smartphones, students and teachers now have access to a wealth of information and resources that were previously unavailable. The electronic products can contain heavy metals like cadmium, lead, copper, and chromium that can contaminate the environment. Therefore, an appropriate approach is required for E-waste management and disposal.

With the advent of new and upgraded technology and hardware, the college continually engages in the buying of new laptops and desktops thereby creating ewaste of old and unusable computers and other hardware such as printers and external screens. In our college, the electronic waste (E-waste) is generated mainly from four sections namely, Computer Science department, administrative office, account office and the library.

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

- *Central data processing Units (CPU)*
- *Input and output devices like keyboards, monitors, mouse etc.*
- *Printers, Printer cartridges, Copying Equipment.*

In our college E-Waste is usually accumulated at one place in a room before it is disposed of. It is usually taken care of by putting back in service those devices that are fit to be put so. The minor repairs are done from third party agency. Other devices that are not possible to be put back into use is the actual e-Waste and they are disposed of by means of auctioning.

Some important tips listed below for minimizing the e-waste in the college are:

- *Re-evaluate: Recommend to buy a device with multiple functions.*
- *Extend the life of your electronics. Buy a case, keep your device clean, and avoid overcharging the battery*
- *Buy environmentally friendly electronics having labelled Energy Star.*
- *Donate used electronics to social programs.*