

### 7.1.5 Waste Management words 500

**SOLID WASTE MANAGEMENT:** A substance that is the byproduct of human and animal activity and which cannot be further either reused or re-cycled as such is termed as a “Solid waste”. The menace of ‘Solid waste’ if not properly managed will lead to water, soil, air pollution. Also it has its impact over flora of the campus and will effect the general gealth of staff and students. The sources of solid wastes in the college campus are plant wastes, chemical wastes from science laboratories and wastes from the kitchen of the college hostels. The solid wastes which get accumulated from vegetation in the college campus and kitchen wastes from the hostels are being used as raw material in “vermin composting” unit maintained by the department of Botany. The compost manure thus produced is being used for the crop cultivated in “Organic Farm” located in the college campus which is also being maintained by the Department of Botany.

The solid chemical wastes such as residual chemicals, used filter papers from Chemistry labs are being dumped in a pit dug on the ground and thereby facilitate its biodegradation. The solid wastes such as empty glass/plastic bottles are being sent for re-cycling to local units.

**LIQUID WASTE MANAGEMENT:** The chief sources of Liquid wastes are the laboratories and waste water accumulated due to domestic activities in the college hostel. This water is partially used. The Liquid waste thus produced is let into the K.C. Canal which is located beside the college. The left over acidic or basic solutions in Chemistry laboratory are put to use by giving the same solutions for volumetric estimations. The acidic and basic liquid wastes are completely neutralized before draining them out through sinks.

### E – WASTE MANAGEMENT:

In recent years the general usage of Computers, Computer accessories, CDs, DVDs, speakers, mouse, key boards, spikes, Air conditioners, spectrophotometers, digital appliances and other electronic devices and so on has enormously increased. It is quite natural that any electronic device works only for a stipulated period and after that it becomes unusable and irreparable. All such unusable electronic devices and their accessories are categorized as “E – waste”. The main problem with E – waste is the problem of space. Storing becomes impossible when their quantity increases to unmanageable level. Hence their disposal becomes mandatory. But the aspect of boon is being that E – wastes could be put to re-cycling. The college whenever experiences the acuteness of the menace of E – waste accumulation leading to space and storage problems disposes off the E – waste for recycling and the amount received is spent for purchasing new version computers and accessories.

The college so as to dispose of E – waste accumulated in the department of Computer Science, Commerce lab, English Language Lab, office, various departments and JKC, constituted a committee for the disposal of E – waste on 06 – 02 – 2018 and sold E – waste for Rs. 1,03,490 to

“Kingdom Digital Marketing, Anantapuramu and in exchange purchased computers worth of Rs. 1,35,000 from the same marketing agency.