E WASTE MANAGEMENT

Akhila P.A
Assistant Professor
Department of Commerce (SF)
St. Teresa’s College (Autonomous), Ernakulam

Abstract

The increase in the amount of electronic waste is a global issue. The faster advancement in technology or when the requirement of the electronic gadgets is not meet, or ones it reaches it expiry causes increase in the quantity of e waste. Electronic waste should be disposed off properly or else it causes server damage to the environment and the society as it contains harmful substances. Recycling is one of the method adopted to dispose the e waste in an efficient manner.

Keywords: Electronic gadget, Recycling

Introduction

E-waste or electronic wastes are the electronic equipment’s that will no longer be used by the consumers and being discarded. E waste management has a great importance as it contains harmful and hazardous substances which will be dangerous to environment and society if they are not treated properly. The amount of e waste increases at a face pace along with the advancement in the technology. People moves faster towards new technology which make the existing electronic equipment an e waste.

Reasons for increase in e waste

Development in the communication and IT infrastructure and the enhancement in the technologies are the major reasons for increase in e waste. In the modern era upgradation of technology is at a higher phase as compared to before. This technological upgradation makes the consumers to move from the older electronic gadgets to the latest ones which increases the accumulation of large amounts of e waste. This growing problem of the society needs a appropriate method of e waste management. Another reason is when the existing electronic equipment becomes unfit or when the purpose of it is not served or once it reaches the expiry date, it will be replaced by an updated equipment.

Effect of e waste

Electronic waste contains various harmful and toxic substances which are dangerous to human health as it effects the various internal organs. Improper methods of disposal of e waste will affect the global environment as a whole. When e waste is not disposed properly the toxic substances penetrate to ground water and affect the both in land and sea. Once these toxic materials are warmed up toxic substances are released to the air which damages the atmosphere.
Solution for managing e-waste

In the modern era the amount of e-waste will increase day by day. So, in order to saves the environment and life of both human and animals, systematic methods should be adopted for the disposal of e-waste. Recycling is one of the major method adopted to dispose off these e-waste. Giving awareness and promoting campaigns for efficient management of e-waste should be conducted. Ensure measures are taken constantly by the government to manage the arising issue of e-waste.

Conclusion

In the modern era where everything has become online, and electronic gadgets have become an inevitable part of our life’s. The development in the technology and when the electronic gadget reaches the expiry leads to increase in E waste. As these waste can cause serious issues, it should be handled properly. Recycling is one of the method, government and various institution should conduct awareness programs to encourage it. The students should be given education regarding the E waste management and about recycling at their school level.

References


https://www.ewaste1.com/what-is-e-waste/


https://info.mayeralloys.com/ewaste-blog/5-shocking-environmental-effects-of-e-waste