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E WASTE MANAGEMENT

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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 met, or ones it reaches its expiry causes an increase in the quantity of e-waste. Electronic waste should be disposed of properly or else it causes severe damage to the environment and society as it contains harmful substances. Recycling is one of the methods adopted to dispose of 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 the environment and society if they are not treated properly. The amount of e-waste increases at a fast pace along with the advancement in technology. People move faster towards new technology which makes 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 an increase in e-waste. In the modern era, upgradation of technology is at a higher phase as compared to before. This technological upgradation makes consumers move from older electronic gadgets to the latest ones, which increases the accumulation of large amounts of e-waste. This growing problem of society needs an 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 its 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 affects 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 of properly, the toxic substances penetrate to ground water and affect 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 save 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 methods adopted to dispose of 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 an increase in E waste. As these waste can cause serious issues, it should be handled properly. Recycling is one of the methods, government and various institutions 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.

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