

## The awareness of E-waste disposal Mechanism in Colombo District, Sri Lanka

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### Abstract

Electronic waste (e-waste) is one of the fastest-growing pollution problems worldwide given the presence of a variety of toxic substances, which contaminate the environment and threaten human health. With the technological development, usage of electronic equipment are increased. Nevertheless, the awareness of use of E-waste is yet to be investigated. Therefore, this research, investigate, awareness level of E-waste disposal mechanism in Sri Lanka. The total sample were 400 of people, randomly selected from the Colombo to identify the awareness level of e-waste and e-waste disposal mechanism. Data collected from the online-based questionnaires' distributed to sample aged between 15 to 55 years. The multiple regression analysis performed to analysis identify the awareness level of E-waste dispose mechanism., Awareness level ranked from 0 to 10 and zero was least awareness level and the 10 was the highest. The study revealed that 65% of people are in the level of below 3 which indicate least awareness of E-waste disposal while 3% represented the highest level. Many methods can use to improve the awareness level of e-waste However; improvement of technological literacy will be oracular method of enhancing the E-waste disposal.

**Key Words :** *E-waste, Technological development, Environment pollution*

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