

E-Waste Facility Locator: Streamlining Disposal & Recycling

Authors : Vaishnavi G. N., Yogitha R., Spoorthi R.

Abstract : The Web-based E-Waste Facility Locator alleviates the burden of getting rid of e-waste and helps conduct e-waste disposal in a more responsible manner. The information offered permits us to find the nearest e-waste facilities and available drop-off options. Regular people and non-specialized engineering enterprises are trained even after the fact. The review of such huge levers as the dynamics of global research on e-waste prompts us to focus on the strategies for e-waste management, the impact on human health of such activity, the modern state of the art of waste recycling and recycling, and, finally, the future of e-waste and the philosophy of sustainable development and the principle of circular economy. It therefore embodies a perspective of alternative in reducing the effects of e-waste.

Keywords : facility locators, drop-off options, collection events, recycling cost estimates, sustainability and circular economy.

Conference Title : ICWMRE 2025 : International Conference on Waste Management, Recycling and Environment

Conference Location : Karachi, Pakistan

Conference Dates : December 30-31, 2025