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## Submission Summary

**Conference Name**

International Conference on Computing Technologies

**Paper ID**

974

**Paper Title**

An IOT Enabled Waste Manage System That Optimizes Garbage Collection Route

**Abstract**

This paper is based on the concept of An Internet of Things (IoT)-enabled waste management system designed to optimize garbage collection routes. With rapid urbanization, cities face significant challenges in managing waste effectively, leading to inefficiencies in waste collection, increased fuel consumption, and environmental pollution. This system utilizes IoT sensors integrated into waste bins to monitor the level of waste in real-time. The data is then transmitted to a centralized cloud platform where algorithms analyze the waste fill levels and predict the most efficient collection routes for garbage trucks.

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**Submission Files**

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