

Report on
IOT BASED GARBAGE MONITORING SYSTEM
A report submitted for the partial fulfillment of the requirements for Mini Project of
BACHELOR OF TECHNOLOGY
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Submitted by

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MINI PROJECT

(IOT BASED GARBAGE MONITORING SYSTEM)

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IOT BASED GARBAGE MONITORING SYSTEM

ABSTRACT

One of the major problems that world is facing today is waste management. Most of the times it is seen that the waste is been spilled over the bins and lying nearby. This leads to spreading of some deadly diseases in the surrounding environment. Also, people find it difficult to walk beside with it. All these problems are due to lack of coordination and communication among the garbage team members. Also the study has revealed that the waste management can be far more efficient if the garbage is segregated at source and then disposed in dumping grounds separately. Thus, there is a big need to have a proper waste management. Considering the above issues, this paper proposes a system, that will try to reduce these problems to a greater extent. This system initially segregates the waste and then monitors the garbage level in bins using IoT. This data related to bin level is sent to a server over internet, where the system processes the real time data and raises alerts to manage the collection of Waste. The proposed system also takes care of long time goal of identifying the pattern of waste generation at various localities. This data collected by the system can be used to further plan the effective measures to reduce the waste mismanagement and to maintain cleaner environment.