

345-0463

PROJECT REPORT  
ON

“STUDIES ON THE STATUS OF EXISTING MUNICIPAL SOLID WASTE  
AND BIO-MEDICAL WASTE MANAGEMENT SYSTEM IN  
CHIKMAGALUR CITY”



In partial fulfillment of the requirements for the  
Award of the degree of

**BACHELOR OF ENGINEERING**

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## **ABSTRACT**

Solid Waste Management involves activities associated with generation, storage, collection, transfer & transport, processing and disposal of solid waste, which are environmentally compatible adopting principles of economy, aesthetics, energy & conservation. It encompasses planning, organization, administration, financial, legal & engineering aspects involving interdisciplinary relationships

Chikmagalur City Municipal Council is responsible for Solid waste Management of the city. It has its own staff and equipments to undertake the solid waste management for the city. The solid waste management system of the town consists of door to door collection from 35 wards by a Municipal Council. The collected wastes are then being dumped in secondary collection receptacles. In addition, there are other open storage sites where waste is disposed by waste generators, street sweepers & primary collectors. The secondary container's receptacles as well as waste from open dumping places are emptied into vehicles manually by loaders.

Current Solid waste management practices in Chikmagalur city need major up-gradation of the waste processing and disposal facilities. Open dumping of waste cause harmful effect to local community. Municipal authority endeavor to deploy a fetching disposal method and more over a school of thought is to generate some income from the waste. A study has been conducted to gather informations on the existing municipal solid waste and biomedical waste management practices in Chikmagalur city and various physical and chemical characteristics of the solid waste.