

**EXISTING REALITIES AND SUSTAINABLE PATHWAYS FOR  
HOUSEHOLD WASTE MANAGEMENT IN BATTICALOA MUNICIPAL  
COUNCIL AREA**



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**REG NO: EU/IS/2015/MS/45**

**INDEX NO: MS 1795**



A Project Report submitted to the Faculty of Commerce and Management, Eastern University, Sri Lanka, as a partial fulfillment of the requirement for the Degree of Bachelor of Business Administration (BBA).

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FACULTY OF COMMERCE AND MANAGEMENT  
EASTERN UNIVERSITY, SRI LANKA**

**2020**

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## ABSTRACT

Household Solid Waste Management has become problematic in urban areas especially in developing countries like Sri Lanka due to increased waste generation and financial constraints. The study was conducted to Existing realities and sustainable pathways for household waste management in Batticaloa, Municipal Council area. Hence, aims of the study to explore the current status of household waste disposal and waste collection service practices and to explore the 7R methodology practiced in Batticaloa, Municipal Council area. To find out the household waste management practices in Batticaloa, Municipal Council area the questionnaire survey was carried out among 300 Household. This study was under taken 9 Public Health Inspector (PHI) division in Batticaloa, Municipal Council area. Collected data were analyzed using Statistical Package for Social Science (SPSS 22.0 Version) through Univariate analysis.

According to the findings Municipal Council area, the widely used disposal method practiced by sample households for five waste categories [Organic (67.7%), Plastic and Polythene (64.33), Cardboard and Paper (57%), Glass (73.33%) and Metal (72%)] is handling it over to Municipal Council waste collection and also composting, burning and dump in public place are used for disposal by household. In Municipal Council area some of areas don't have collection service of MC. The Municipal Council mostly follow door to door mode of collection, follow twice a week frequency and morning time collection and also some areas they follow irregular collection frequency and Reduce and Reuse, Recycle, Recovery, Rethink, Renovation and Regulation practiced low level in Batticaloa, Municipal Council area. Because of have no awareness, training, facilities and Knowledge regarding 7R waste management practices. Finally the researcher suggest some recommendations to improve waste management practices to Batticaloa, Municipal Council.

**Key Words: Solid Waste, Household Waste, Household Waste Management, Waste Disposal and Collection Service Practices and 7R Practices**

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