

EXECUTIVE SUMMARY OF THE PROJECT REPORT

on

THE STUDY ON WASTE MANAGEMENT OF PACKAGING IN INDIA (WITH SPECIAL REFERENCE TO PONDICHERRY)

Submitted to

**UNIVERSITY GRANTS COMMISSION—SOUTH EASTERN REGIONAL OFFICE
HYDERABAD 500001**

towards the

MINOR RESEARCH PROJECT IN CORPORATE SECRETARYSHIP

by

Dr. B.RAJALAKSHMI

F.No. MRP-6650/16(SERO/UGC) Dt.30 June 2017)

Principal Investigator

**P.G & RESEARCH DEPARTMENT OF CORPORATE SECRETARYSHIP
BHARATHIDASAN GOVERNMENT COLLEGE FOR WOMEN**

(A NAAC accredited Autonomous College affiliated to Pondicherry University)
PUDUCHERRY-605003

SEPTEMBER 2019

EXECUTIVE SUMMARY

Solid Waste Management is defined as the discipline associated with control of generation, storage, collection, transport or transfer, processing and disposal of solid waste materials in a way that best addresses the range of public health, conservation, economics, aesthetic, engineering and other environmental considerations. In its scope, solid waste management includes planning, administrative, financial, engineering and legal functions. In today's context; packaging waste, its collection and disposal have become an environmental challenge. At this critical junction, there is an urgent need to formulate an effective mechanism to handle this packaging solid waste in a proper manner so that a green environment could be created for the benefit of the society. Packaging waste comprises of wide range of materials that are derived from multiple items used as packaging material. Presently, packaging material waste is being managed along with municipal solid waste.

The present study is spearheaded in analysing the awareness of public on handling packaging wastes, the different methods of waste management of packaging, the legal provisions regarding waste management on packaging, and also the sustainable measures to be taken by the Government and public.

Current commune panchayats of Pondicherry region are Ariankuppam, Bahour, Mannadipattu, Nettapakkam, Villianur which comprises the sample for the present study.

The size of the sample is 400, drawn from each of the commune panchayat. In order to obtain primary data a survey was undertaken in the study area. The “Multi-stage judgment sampling” method was adopted for the selection of sample units of general public.

The present study is based on both primary data and secondary data. The data were gathered from general public all over Pondicherry, based on scientifically designed sample frame. The primary data were collected by administering separate interview schedule meant for general public in Pondicherry. Pondicherry Government initiatives on handling packaging waste were collected from Government website (www.gov.in). The collected data were analysed by using certain non-parametric statistical tools like 'F' test and “t” test, Chi-square test, Cross table calculation, Frequency table, Percentage as well as average scores.

The sample respondents, drawn from the selected areas of commune panchayats of Pondicherry were questioned both in solid waste in general and packaging waste in specific, in order to make them aware and realise that their way of handling is different. The role of Government or Municipality to work efficiently on collection and disposal of packaging waste and other solid wastes has been insisted strongly in this report. Based on the responses and opinion of the sample respondents some major facts could be observed.

- a. That the impact of packaging waste is more on environment.
- b. Aware that Management of Solid Waste covers all the aspects of solid waste from collection of waste to disposal of waste.
- c. In Pondicherry municipality, scientific methods are not followed significantly for handling of packaging waste.
- d. Making Pondicherry a “Plastic Free Zone” is one of the most needed expectations of the public.
- e. Generally people have less knowledge on guidelines regarding handling of packaging waste
- f. Expectation from the producers or companies who produce packaging wastes are mostly to have packages which suit reusing, recycling and conversion of wastes to generate energy.

Based on all the response and opinion of the sample respondents, some suggestions like, a policy on packaging waste management system with the participation of all stakeholders should be developed, A comprehensive legislation on packaging waste should be initiated etc., were given, which if implemented effectively may solve major problems relating to packaging waste management and may reduce the negative consequences of packaging waste to the environment and ensuring that Pondicherry can be made a green and clean environment.