



TIRUMALA ENGINEERING COLLEGE

An ISO 9001:2015 Certified Institution, Accredited by NAAC & NBA

(Approved by AICTE, New Delhi & Affiliated to JNTU, Kakinada)

Jonnalagadda, Narasaraopet, Guntur Dist. - 522601 web : www.tmecnrt.org Email : tecirt@gmail.com

A REPORT ON Management of Degradable and non Degradable Waste

NSS UNIT TEC



A REPORT ON Management of Degradable and non Degradable Waste

LOCATION: TIRUMALA ENGINEERING COLLEGE

NUMBER OF PARTICIPANTS: 25

DATE: **09.10.2021**

ACADEMIC YEAR 2021-22

A biodegradable material can be defined as a material which can be decomposed by bacteria or other natural organisms and not be adding to pollution.

Biodegradable wastes are such waste materials which are and can be degraded by natural factors like microbes (e.g. bacteria, fungi and few more), abiotic elements like temperature, UV, oxygen, etc. Some examples of such wastes are food materials, kitchen wastes, and other natural wastes. Microorganisms and other abiotic factors together break down complex substances into simpler organic matters which eventually suspend and fade into the soil. The whole process is natural which can be rapid or slow. Therefore, the environmental issues and risks caused by biodegradable wastes are low.

Biodegradable waste is a type of waste, typically originating from plant or animal sources, which may be degraded by other living organisms.

Biodegradable waste can be commonly found in municipal solid waste as green waste, food waste, paper waste and biodegradable plastics. Other biodegradable wastes include human waste, manure, sewage, slaughterhouse waste.

TEC collects the waste from all the corners of the campus and send it for recycling.



Collected waste is loaded in tractor in TEC



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All the waste material is collected in the campus



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The plastic waste material is collected in the campus



Collecting the plastic and waste material in the TEC campus



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Collecting the plastic and waste material in the TEC campus