

**Sri G.V.G. Visalakshi College for Women (Autonomous), Udumalpet**

**Department of Chemistry**

**Report**

**Field Visit :** Solid Waste Management Unit, Udumalpet Municipality

**Date :** 30.12.2021

**Time:** 11.00 am to 1.00 pm

**No. of Beneficiaries :** 55 students + 2 Faculty

A group of 55 students (II & III B.Sc. Chemistry) and 2 faculty members visited the Udumalpet Municipality solid waste dumpsite at the outskirts of the town.

Students understood that The Municipality is responsible for setting up, operationalization and coordination of the waste management system and for performing the associated functions, namely:

- Ensuring segregation, collection, storage, transportation, processing and disposal of waste
- ensuring channelization of recyclable plastic waste fraction to recyclers;
- creating awareness among all stakeholders about their responsibilities;

**Processing of municipal solid wastes**

Municipal authorities adopt a combination of technologies to make use of wastes so as to minimize burden on landfill. Following procedures are adopted, namely

- The biodegradable wastes are processed by composting, for stabilization of wastes.
- Mixed waste containing recoverable resources is considered for the recycling process.
- Incineration is also used for processing wastes in specific cases.
- Land filling is restricted to non-biodegradable waste and other waste that are not suitable either for recycling or for biological processing.

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+ 2 Faculty

#### AGENDA

- \* To get exposed to the collection, segregation & treatment processes of the Municipal solid waste
- \* To see what is actually done during the Composting process

#### Members present

Dr. M. Indrani, Dr. J. Bhuvaneshwari, Assistant Professors of chemistry  
Ms. Subharanjani, Field staff, Udumalpet Municipality

#### Minutes

- \* Students gained real time experience about the solid waste management process
- \* Students understood the importance of Sanitary workers

M. Leha (M. Indrani)

Principal: Rajiswari









Latitude: 10.594768  
Longitude: 77.217833  
Elevation: 366.92±8 m  
Accuracy: 18.9 m  
Time: 12-30-2021 11:46  
Note: Field visit 30.12.2021

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