



Sri G.V.G. Visalakshi College For Women, Udumalpet- 642128

Autonomous and Affiliated to Bharathiar University, Coimbatore

Accredited at A⁺ grade by NAAC (Fourth cycle)

An ISO 9001:2015 Certified Institution

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Department of Chemistry Report

Field Visit : Solid Waste Management Unit, Udumalpet Municipality

Date : 08.10.2022

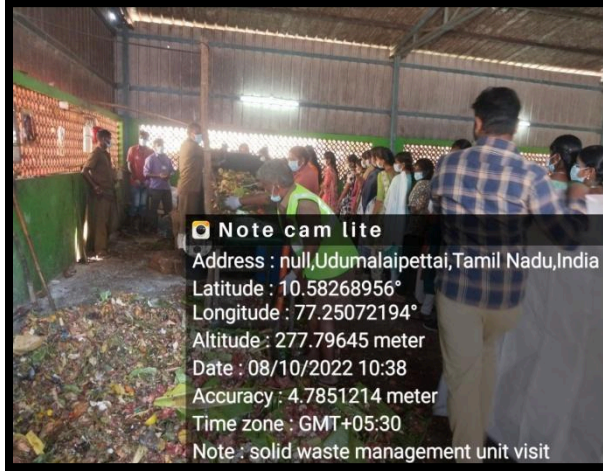
Time: 10.00 am to 12.30 pm

No. of Beneficiaries : 37 students + 3 Faculty

A group of 14 students of I B.Sc. Chemistry, 24 students from II B.Sc Chemistry and 3 faculty members visited the Udumalpet Municipality solid waste dumpsite near the town municipality market. 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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Department of Chemistry

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Udumalpet Municipality

Date :

No. of Beneficiaries : 38 students [14 I B.Sc Chemistry and
24 II B.Sc Chemistry student]
3 Faculty

AGENDA :

- * To get exposed to the collection, segregation and treatment processes of the Municipality Solid Waste Management unit.
- * To know the procedure of the composting process

Members Present :

Dr. M. Malanizhi, Dr. S. Umadevi and 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. Malanizhi (Dr. M. Malanizhi)

S. Umadevi (Dr. S. Umadevi)

S. Bhuvaneshwari (Dr. J. BHUVANESHWARI)

S. Rajamohan
[S. RAJAMOHAN]
Sanitary Inspector