

REPORT ON
Survey & Awareness on Waste Management Practices
In
Adopted Villages
of
Naduvakarraai and Sirudavoor

Rural villages are rapidly changing due to increased consumption patterns and lifestyle modifications. Due to the increased use of plastics, packaged foods, and household chemicals, rural areas are now face growing waste management challenges. Hence to address these issues the Unnat Bharat Abhiyan (UBA) cell, under the Institutional Social Responsibility (ISR) Cell of Aarupadai Veedu Institute of Technology (AVIT), Chennai, organized a **survey and awareness program** on 13th November 2025 at the *UBA-adopted villages, Naduvakarraai and Sirudavoor* . The program was coordinated by Dr. B. Prabasheela, UBA Coordinator. Dr. L. Nagarajan, Village Coordinator for Naduvakarraai, and Dr. Prasath, Village Coordinator for Sirudavoor, coordinated with the student volunteers and efficiently organized the event in their respective UBA-adopted villages.



Dr. L. Nagarajan, Associate Professor, Department of Biotechnology, addressed the villagers on the importance of waste segregation and recycling to reduce environmental pollution and promote sustainable rural development. His session focused on creating awareness about responsible waste management practices within the community.

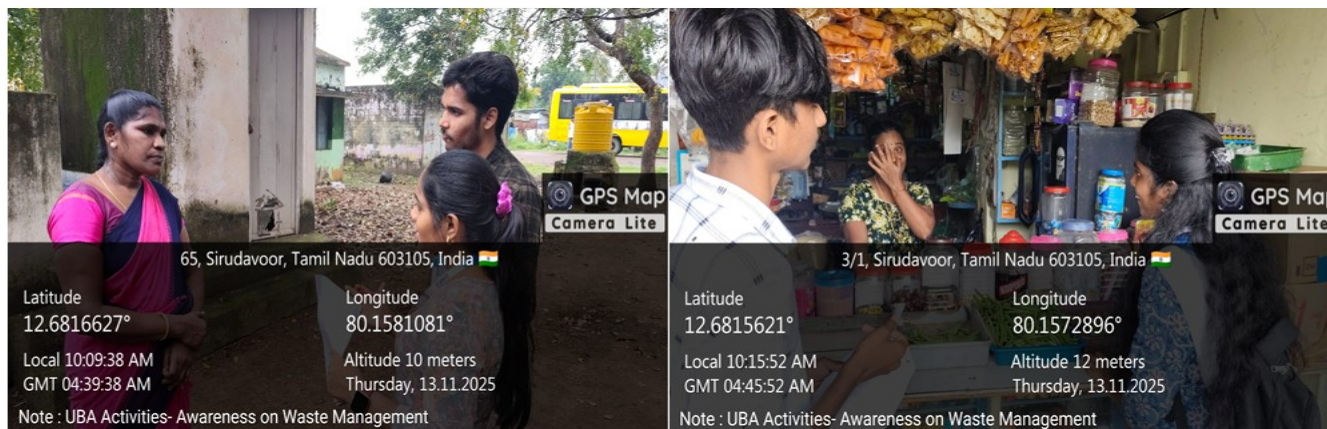
The session emphasized seven key topics

- Environmental Benefits.
- Social and Health Benefits.
- Economic Benefits.
- Energy and resource recovery
- Governance and longterm sustainability.
- Generate employment benefit.
- Reduce volume of waste going to landfills.

SURVEY

The student volunteers conducted a survey among the villagers to understand the existing waste deposition and disposal practices, with the objective of planning effective waste management strategies for the future.

SIRUDAVOOR



NADUVAKARRAI





156, Pudupattinam Sallai, Karumarapakkam, Tamil Nadu 603102, India 🇮🇳

Latitude
12.555078°

Longitude
80.08719°

Local 10:46:24 AM
GMT 05:16:24 AM

Altitude 14 meters
Thursday, 13.11.2025

Note : UBA-Activity-Waste management practices



M4RV+4RW, Sirudavoor, Madayathur, Tamil Nadu 603105, India 🇮🇳

Latitude
12.69117947°

Longitude
80.14435488°

Local 12:41:14 PM
GMT 07:11:14 AM

Altitude 11 meters
Thursday, 13.11.2025

Note : UBA-Activity-Waste management practices

Dr. L. Nagarajan, addressing the villagers at Sirudavoor & Naduvakarra



Pudupattinam Sallai, Karumarapakkam, Tamil Nadu 603102, India 🇮🇳

Latitude
12.54172579°

Longitude
80.07480829°

Local 11:11:31 AM
GMT 05:41:31 AM

Altitude 10 meters
Thursday, 13.11.2025

Note : UBA-Activity-Waste management practices



Pudupattinam Sallai, Karumarapakkam, Tamil Nadu 603102, India 🇮🇳

Latitude
12.54176831°

Longitude
80.07479622°

Local 11:06:08 AM
GMT 05:36:08 AM

Altitude 10 meters
Thursday, 13.11.2025

Note : UBA-Activity-Waste management practices



Student Participants:

S.No	Register No	Name of the student	Department /Year
1	AVITUG14241	B.Sivaranjani	Biotechnology/I Year
2	AVITUG14242	B.Ranganayaki	Biotechnology/I Year
3	AVITUG13916	P.Anees Fathima	Biotechnology/I Year
4	AVITUG14455	Thiagan .S	Biotechnology/I Year
5	AVITUG11234	Mahavishnu.S	Biotechnology/I Year
6	AVITUG14213	S.K.Masthan	Biotechnology/I Year
7	AVITUG11939	Vijayalakshmi R	Biomedical/I Year
8	AVITUG12854	Tota Chandu	Biomedical/I Year
9	AVITUG13513	Abisheck Gokul.V.P	Biomedical/I Year
10	AVITUG13627	Srimathi L	Biomedical/I Year
11	AVITUG14115	Md Rahis	Biomedical/I Year
12	AVITUG14350	Annavarapu Sai Ananya	Biomedical/I Year

SAMPLE SURVEY REPORT

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VINAYAKA MISSIONS UNIVERSITY
UNNAT BHARAT ABHIYAN (UBA) ACTIVITY
Questionnaire for Waste Mangement in Adopted Villages

1. Name of the Village: Naduvakarra
2. Population: 41 families, each family 2 to 4 people
3. Category of waste : plastic waste, plant waste, food waste, Animal waste (cowdung)
4. Area Surveying: Indiranagar
5. Waste Collection Mechanism: They government collects the waste twice a week. If not collected the villagers of each house dump the waste in pits and burn them. Mainly they have plant waste. They feed dry grass to cattles & if excess burn them.
6. Willingness to separate material for collection: Yes
7. Willingness to participate in composting programs: Yes
8. More Information on reduction of garbage: The primary waste is plant & animal waste. So, it can be used as manure, cow dung as fuel. plastic is very little in this area so, it can be recycled / instead they
9. Willingness to return plastic bottle to stores/recycling: Yes may use paper bags (or)
10. Whether ready to give the wastes to us for reuse: Yes biodegradable things.

AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY
VINAYAKA MISSIONS UNIVERSITY
UNNAT BHARAT ABHIYAN (UBA) ACTIVITY
Questionnaire for Waste Mangement in Adopted Villages

1. Name of the Village: Soudhanore
2. Population: 3600
3. Category of waste : Plastic waste, cow dung, paper
4. Area Surveying: Vinayakar Dr. Koud Street
5. Waste Collection Mechanism: The waste is being collected every morning the waste is being separate by the household as biodegradable and non biodegradable but after the recent Pandhant meeting they are dumping the waste as a whole and they garbage collectors separate the waste and they collect it weekly.
6. Willingness to separate material for collection: The village wouldnt separate the waste but the garbage collector separate the waste.
7. Willingness to participate in composting programs: Yes
8. More Information on reduction of garbage: The primary waste is plastic waste and the ways to reduce this to use paper bags and use biodegradable products in the shoes and the cow dung, cartage reduce by covering the covers the particular places as a group the coverdungs and using them as biogas for energy in the building establishment as a biogas plant in the village.
9. Willingness to return plastic bottle to stores/recycling: Yes
10. Whether ready to give the wastes to us for reuse: Yes could be energy useful for the energy as electricity and for other energy purpose.