



K.R. MANGALAM UNIVERSITY
THE COMPLETE WORLD OF EDUCATION

Report on

Plantation and Energy Efficiency Awareness Drive

Date: 29th June 2024

Venue: KRMU Campus and Garhi Wazidpur Village

Event Type: Plantation Drive and Energy Efficiency Awareness Session

Mode of Activity: Offline

Target Group: NSS Volunteers, Faculty of KRMU, and Villagers of Garhi Wazidpur

Coordinators: Dr. Neeraj Kumari (NSS Coordinator)

Organized by: NSS, K.R. Mangalam University, Gurugram in collaboration with KRMU-KEIC STI Hub and sponsored by the Department of Science and Technology (DST), Government of India, and Smiling Tree Foundation

Participants: 7 NSS volunteers and approximately 20+ villagers

Introduction:

Van Mahotsav is an annual tree-planting festival in India, celebrated in the first week of July to create awareness about environmental protection and forest conservation. To mark this occasion and promote sustainability through clean energy literacy, NSS K.R. Mangalam University, in collaboration with KRMU-KEIC STI Hub and supported by DST and Smiling Tree Foundation, organized a “Plantation and Energy Efficiency Awareness Drive” on 29th June 2024 at the KRMU campus and Garhi Wazidpur village.

This initiative combined tree plantation with community sensitization on energy efficiency and renewable energy adoption for a cleaner and greener future.

Objectives:

- To raise awareness about the importance of trees and their role in energy conservation and climate regulation.
- To engage the local community in adopting energy-efficient practices and clean energy solutions.
- To promote sustainable green cover development and environmental stewardship.

Content:

Over 100 saplings of native species including Jatropha, Black Ficus, Guava, and Jamun were planted by NSS volunteers and faculty members. The drive began with the plantation of 50+ saplings in Garhi Wazidpur village followed by plantation at KRMU campus in the presence of Hon'ble Vice Chancellor Prof. Raghuvir Singh, Registrar Dr. Rahul Sharma, academic council members, and faculty.

Alongside the plantation activity, an **awareness session on energy efficiency** was conducted with villagers and students. The session focused on:

- Use of solar energy and energy-efficient lighting in rural households.
- Reducing carbon footprint through green cover expansion.
- Linking afforestation with lower energy consumption by reducing heat islands.

NSS volunteers took a pledge to monitor the growth of saplings and encourage community adoption of sustainable and energy-efficient practices.

Event Outcome:

- Over 100 saplings were planted, increasing the green cover in and around the campus.
- The awareness session empowered villagers with knowledge on energy-efficient solutions and solar energy applications.
- The initiative aligned with SDG 7 (Affordable and Clean Energy) and SDG 13 (Climate Action) by promoting environmental sustainability and energy literacy.
- Long-term benefits include improved air quality, reduced energy demand, and climate regulation.

Conclusion:

The event successfully brought together students, faculty, and community members to work collectively for a sustainable environment. By integrating plantation with clean energy awareness, the drive highlighted how green cover and renewable energy initiatives can work hand-in-hand to address climate challenges.



Photo 1: Faculty and Students participating in plantation and energy efficiency drive at Garhi Wazidpur Village



Photo 2: Students participating in the plantation drive



Photo 2: The faculties of KRMU during plantation drive



Photo 3: Watering the plant in presence of Hon'ble Vice Chancellor