

Tree Plantation Activity Report

Date: 26th July 2025

Organized by: K. K. Wagh Institute of Engineering Education & Research, Nashik

In collaboration with: Suryoday Foundation, Mohagaon, Nashik

Coordinated by: Prof. Swanand Dongare

Activity Overview:

On **26th July 2025**, K. K. Wagh Engineering College, in association with the **Suryoday Foundation**, organized a **tree plantation drive** at **Mohagaon village**, on the banks of the **Darna River**. This was a follow-up activity to the plantation drive conducted during the previous monsoon season, where 100 native trees had been planted.

Purpose of the Activity:

- To contribute to environmental conservation and riverbank stabilization.
- To promote the growth of indigenous tree species in the flood-prone region.
- To assess the condition of previously planted trees and replace the dead ones.
- To raise awareness among villagers about protecting and preserving green cover.

Activity Details:

- Upon inspection, it was found that **approximately 60% of the previously planted trees had survived and grown well**, thanks to the drip irrigation system and selection of native species.
- Despite recurring floodwater in the area, the surviving trees remained intact and healthy.
- However, grazing by cattle released by local villagers had damaged some of the trees.
- To mitigate this issue, **thorny native species** such as **Karvanda (Carissa carandas)**, **Shankhasur**, and **Wild Babul** were planted in place of the dead or damaged trees to act as natural barriers.

Outcomes:

- Rejuvenation of plantation with sustainable, protective plant species.
- Increased awareness among participants about ecological balance and protection of planted saplings.
- Interaction with local villagers to encourage community participation in maintaining the green cover.