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PRESS-RELEASE

Plantation drive carried out at IIT (ISM) using environmentally sustainable, Matka Plantation Recharge Technique; drive held today was part of the ongoing *Ek Ped Maa Ke Naam* drive under which 1000 plants are to be planted across the Nirsa campus of IIT (ISM) on July 13.

A plantation drive was carried out on July 11, 2024 (Thursday) at Rosaline Hostel of IIT (ISM) using the Matka Plantation Recharge Technique during which Prof Alok Sinha, Head Department of Environmental Science & Engineering, Prof Anshumali of same department and Shri Dhiraj Kumar, Horticulturist were present and gave details of the advantages of drive to the students and research scholars present.

The drive during which several Neem (Botanical Name-Azadiracta Indica) saplings were planted in the hostel ground was part of comprehensive drive titled, ***Ek Ped Maa Ke Naam*** being conducted by IIT (ISM) across the campus as per which over 1000 sapling will be planted at Nirsa Campus of IIT (ISM) on July 13 at around 11.30 a.m. in presence of Prof Sukumar Mishra, Director and others including Prof Dhiraj Kumar, Deputy Director; Deans, HoDs and other faculty members, officers and staff.

The aim of plantation drive being organized by Horticulture Section of Office of Dean (Infrastructure) of Institute in association with EIACP (PC-RP), Department of Environmental Science & Engineering is to create awareness and spread the message of saving our planet.

Explaining the advantages traditional of Matka Plantation method over the regular plantation method, the Faculty Members said, "In this technique water is filled in earthen pots and buried in ground near the roots of trees and plant by making a hole in pot through which water drips drop by drop and goes to the roots of the plants"

"The roots of water get water as per the requirement and thus the plant remains green" said Prof Anshumali and added that the Matka Plantation Recharge Technique is a nature based solution to environmental problems especially the restoration of mined out areas, river fronts, degraded forest lands, hilly terrains and agroforestry in the Rainfed areas, water

The Matka Plantation Recharge Technique is very low cost method to achieve Reduction Emission from Reforestation Degradation in Developing Countries (REDD +) and Nationally Determined Contributions (NDC) made by Government of India.

Dhiraj Kumar, Horticulturist, said that out of 1000 plants of Pipal, Neem, Teak, Mango, Palash, Jamun, Mahua to be planted during the drive at Nirsa around 400 sapling would be used using the Matka Plantation Recharge Technique while rest will be planted using the normal technique of plantation.

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