

IIT (ISM) Dhanbad

Action Taken Report on "Ek Ped Maa Ke Naam – 2026"

In alignment with the Government of India's flagship environmental campaign "**Ek Ped Maa Ke Naam – 2026**", IIT (ISM) Dhanbad organized a series of impactful environmental awareness and plantation initiatives aimed at promoting ecological conservation, biodiversity enhancement, and community participation. The campaign reflected the Institute's unwavering commitment to environmental stewardship, sustainable development, and the vision of nurturing a greener, healthier, and climate-resilient future.

1. Seed Ball Workshop: -

As part of the **Van Mahotsav-2026** celebrations, the **Department of Environmental Science & Engineering (ESE)**, IIT (ISM) Dhanbad, in collaboration with the **Horticulture Section**, successfully organized a **Seed Ball Workshop** under the flagship campaign "**Ek Ped Maa Ke Naam**" on **02 July 2026** at the **Oval Garden**.

The workshop was inaugurated by **Prof. Sukumar Mishra, Director, IIT (ISM) Dhanbad**, as the Chief Guest, in the gracious presence of **Mrs. Sakuntala Mishra, President, Deepti Ladies Club, IIT (ISM) Dhanbad**. Their inspiring presence emphasized the importance of collective responsibility in environmental conservation and encouraged the Institute community to actively contribute towards building a sustainable future.

The programme sensitized students, faculty members, staff, and other participants to the significance of ecological restoration, afforestation, and biodiversity conservation through the innovative technique of seed ball preparation. Participants were trained in the scientific preparation of seed balls using locally adapted indigenous tree species capable of thriving under natural conditions with minimal human intervention.



Seed balls were prepared using seeds of ecologically important indigenous species, including **Neem, Jamun, Jackfruit, Karanj, Bakul, Tamarind, Gulmohar, Bael, Khajur (Date Palm), and Ber**, which are expected to enrich local biodiversity, improve ecological balance, and strengthen the region's green cover.

2. Seed Ball Throwing Programme: -

To translate awareness into meaningful environmental action, a **Seed Ball Throwing Programme** was organized on **07 July 2026** at **Barwa, near Nirsa, Dhanbad**.

During the programme, approximately **1,250 seed balls** containing indigenous tree species were strategically dispersed across suitable locations to facilitate natural regeneration of vegetation and ecological restoration of degraded landscapes.

The seed balls comprised the following native species:

- Neem
- Jamun
- Jackfruit
- Karanj
- Bakul
- Tamarind
- Gulmohar
- Bael
- Khajur (Date Palm)
- Ber

Seed Ball Throwing Programme 07.07.2026



These carefully selected species are well adapted to the local agro-climatic conditions and possess immense ecological, environmental, and socio-economic value. Their establishment is

expected to contribute significantly towards increasing green cover, improving soil health, enhancing biodiversity, and strengthening ecosystem resilience.

3. (EPMKN) Plantation Drive at Nirsa Campus, IIT (ISM)

As an integral component of the "Ek Ped Maa Ke Naam – 2026" campaign, an extensive plantation drive was undertaken at the **Nirsa Campus** to reinforce the Institute's commitment to sustainable campus development.

Date	Location	No. of Saplings Planted
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24.06.2026	Nirsa Campus	518
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07.07.2026	Nirsa Campus	100
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Total	Nirsa Campus	618
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Plantation Drive at Nirsa Campus, IIT (ISM) 24.06.2026



Plantation Drive at Nirsa Campus, IIT (ISM) 07.07.2026



The plantation drive included a wide range of indigenous and environmentally significant tree species, contributing to carbon sequestration, enhancement of biodiversity, improvement of the campus microclimate, and long-term ecological sustainability.

Guidance and Coordination: -

The campaign was conducted under the visionary leadership and constant encouragement of **Prof. S. K. Das, Deputy Director, IIT (ISM) Dhanbad**, and **Shri Prabodh Pandey, Registrar, IIT (ISM) Dhanbad**.

The programme received valuable guidance and support from **Prof. Dheeraj Kumar, Department of Mining Engineering & Project Director (Mining Technology Innovation Hub (TEXMiN), DST)**; **Prof. Alok Sinha, Head, Department of Environmental Science & Engineering and Coordinator, EIACP (PC-RP)**; **Prof. Sunil Kumar Gupta**; **Prof. M. K. Jain**; **Prof. Suresh Pandian Elumalai**; **Prof. Vipin Kumar**, all from the Department of Environmental Science & Engineering; and **Shri Ram Manohar, Chief Security Officer, IIT (ISM) Dhanbad**.

The entire campaign was meticulously planned, efficiently coordinated, and successfully executed by the **Horticulture Section, IIT (ISM) Dhanbad**. The dedicated efforts, professional planning, and seamless coordination of the Horticulture team, together with the enthusiastic participation of faculty members, students, staff, and other stakeholders, ensured the remarkable success of the campaign.

Summary

The **"Ek Ped Maa Ke Naam – 2026"** campaign at IIT (ISM) Dhanbad stands as a remarkable example of the Institute's commitment to environmental responsibility and sustainable development. Through the successful organization of the **Seed Ball Workshop**, the **Seed Ball Throwing Programme (1250 nos.)**, and the **plantation of 618 saplings at the Nirsa Campus**, the campaign transformed environmental awareness into meaningful action.

Beyond increasing green cover, these initiatives fostered environmental consciousness, promoted the conservation of indigenous tree species, strengthened biodiversity, and encouraged active community participation. The campaign not only contributed to ecological restoration but also reinforced the Institute's vision of creating a resilient, sustainable, and environmentally responsible campus.

By integrating scientific knowledge with collective social responsibility, IIT (ISM) Dhanbad once again demonstrated its leadership in advancing the national mission of environmental conservation and reaffirmed its enduring commitment to building a greener and more sustainable future for generations to come.