



शिक्षा मंत्रालय  
MINISTRY OF  
EDUCATION

सत्यमेव जयते



5

# Unnat Bharat Abhiyan NEWSLETTER

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भारतीय प्रौद्योगिकी संस्थान दिल्ली  
INDIAN INSTITUTE OF TECHNOLOGY DELHI

## Forthcoming Events

1. Two-day National Workshop on “Rural Water Management & Treatment Technologies” under UBA SEG Water Resources Management on 16-17<sup>th</sup> March 2026, at Indian Institute of Technology Kanpur.
2. RCI NIRDPR Hyderabad organises Workshop on Village Adhyan: Proposal Development for the Next Cycle of Community Engagement Projects on 17-18<sup>th</sup> March 2026
3. Two-day Workshop on “Village Adhyan: Proposal Development for the next Cycle of Community Engagement Projects” under SEG- Capacity Building, Strategy for Convergence and Implementation of Various Govt. Schemes, NIRDPR Hyderabad on 17-18<sup>th</sup> March 2026, at the NIRDPR Campus, Hyderabad.
4. RCI, MNIT Jaipur organises Regional Orientation-cum-Review Workshop under UBA-RCI Framework on 18<sup>th</sup> March 2026
5. RCI, NIT Durgapur organises One day workshop on indian knowledge and modern science on 18<sup>th</sup> March 2026
6. RCI NIT Sikkim organises Orientation Workshop for participating Institutions on 18<sup>th</sup> March 2026.

7. RCI, NITTTR Chandigarh organises Orientation Workshop of UBA and National Seminar on “Herbanic Revolution for Viksit Bharat” on 19<sup>th</sup> and 20<sup>th</sup> March 2026

8. Two day Workshop on Participatory Processes to Co-Create Rural Livelihoods to be organised by SEG- Rural Craft and Artisans Development and Rural Industrialization and Entrepreneurship Development, IIT Kanpur on 22-23<sup>th</sup> March 2026.

## Success Stories:

- Replacing Polythene with Opportunity: Community-Based Paper Bag Production (Page No. 2)
- Design of Low-Cost Chaff Cutter for Rural Farmers (Page No. 4)

## Programs and Activities:

- Two-Day Orientation Workshop on Village Prosperity and Rural Tourism Promotion at NIT Jamshedpur on 26-27<sup>th</sup> February 2026. (Page No. 4)

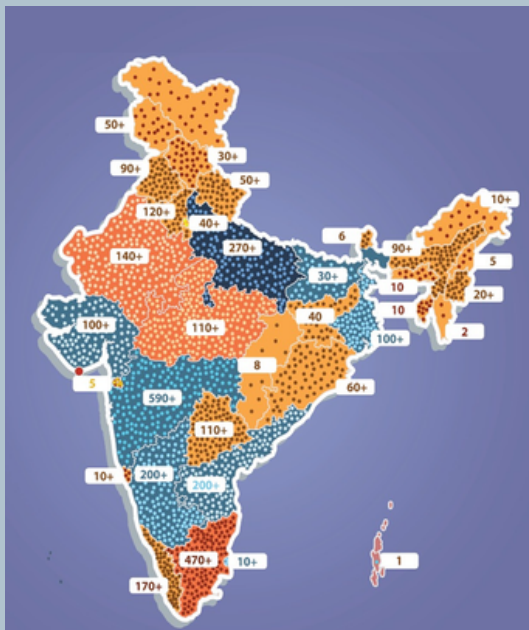


Indian Institute of Technology, Delhi  
National Coordinating Institute

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- One-day workshop on “Implementing NEP 2020: Integrating Experiential Learning through Unnat Bharat Abhiyan (UBA)” on 24<sup>th</sup> February 2026 (Page No. 5)
- Workshop on Effective Project Implementation, Completion and Reporting on Rural Livelihood on 10–11<sup>th</sup> March 2026 (Page No. 5)
- Empowering Students through Social Internship: UBA Workshop at VNIT Nagpur on 7<sup>th</sup> March 2026. (Page No. 6)

## All India Current Status Unnat Bharat Abhiyan



## Success Stories

### *Replacing Polythene with Opportunity: Community-Based Paper Bag Production*

The UBA network village Jamuwari, located in Hesal Panchayat of Angara Block in Ranchi district, Jharkhand, was facing two interconnected challenges—growing dependence on environmentally harmful polythene bags and limited opportunities for supplementary household income generation among rural families. Most households relied primarily on agriculture, leaving significant periods of underutilized labour during non-farming hours.

Recognizing the potential for both environmental sustainability and livelihood generation, the Unnat Bharat Abhiyan Cell of Birla Institute of Technology (BIT), Mesra initiated a decentralized paper carry bag production programme in the village. The initiative aimed to replace plastic bags with eco-friendly alternatives while creating a sustainable income stream for rural households.

The intervention began with skill development training programmes conducted by BIT Mesra students and faculty members in collaboration with master trainers and local stakeholders. Villagers were trained in paper carry bag production, finishing, and quality management, enabling them to manufacture durable paper bags suitable for commercial use.

To enhance production efficiency and scalability, BIT Mesra faculty and students designed and developed a prototype machine capable of faster paper carry bag production using locally available resources. This technological innovation significantly improved productivity and enabled the villagers to meet regular supply demands.

Following the training and technological support, paper bag production units were established at the household level in Jamuwari village. The initiative quickly achieved operational momentum, with approximately 5,000 paper carry bags being produced and supplied every month to a stakeholder in Ranchi district. These bags are being used as an eco-friendly alternative in shopping malls and local markets, thereby contributing to the reduction of polythene usage.



The decentralized production model has generated meaningful economic benefits. Five households are actively involved in the production activity, with three to four family members participating from each household. By dedicating approximately three hours per day during leisure time, each household is now able to earn an additional monthly income ranging from ₹3,000 to ₹5,000, supplementing their agricultural livelihood.



This initiative demonstrates how technology-enabled rural entrepreneurship can simultaneously address environmental concerns and improve household incomes. By integrating skill development, technological innovation, and market linkage, the Birla Institute of Technology, Mesra has successfully created a replicable model of sustainable livelihood generation in its UBA network village.



The project stands as an example of how academic institutions, through the Unnat Bharat Abhiyan framework, can empower rural communities to transition towards green livelihoods while strengthening local economy.

**PI: Birla Institute of Technology (BIT), Mesra**

**State: Jharkhand | District: Ranchi**

**UBA Network Village: Jamuwari (Hesal Panchayat, Angara Block)**

**Households Benefited: 5**

**Monthly Production: ~5,000 paper carry bags**

**Additional Household Income: ₹3,000 – ₹5,000 per month**

## ***Design of Low-Cost Chaff Cutter for Rural Farmers***

Kodhavadi, a rural village in Kinathukadavu Block of Coimbatore District, Tamil Nadu, faces limited income-generating opportunities for its local panchayat. The lack of sustainable revenue sources restricts the panchayat's ability to support community development and essential services. Sri Eshwar College of Engineering introduced a chaff cutter, a practical, income-generating solution that could empower the panchayat while also benefiting the local farming community. It is a mechanical device designed to cut straw or hay into small, manageable pieces, which are then mixed and fed to cattle. The cutter is capable of chopping up to 600 kg of cattle feed per hour, significantly increasing feed processing efficiency. Farmers have improved their cattle management, leading to an increase in cattle population and a boost in their annual income. The feed wastage has been reduced, resulting in more economical and efficient use of resources. The village panchayat generates rental income from the chaff cutter, creating a sustainable local revenue stream.



## **Programs and Activities**

### ***Two-Day Orientation Workshop on Village Prosperity and Rural Tourism Promotion at NIT Jamshedpur***

A Two-Day Orientation Programme cum Workshop on Village Prosperity and Rural Tourism Promotion was organized on 26–27<sup>th</sup> February 2026 at the National Institute of Technology Jamshedpur under the Unnat Bharat Abhiyan. The programme brought together around 130 participants, including 59 faculty members and 58 students, along with institutional representatives and development practitioners.

The workshop served as a dynamic platform to strengthen partnerships between higher educational institutions and rural communities. Expert sessions explored innovative approaches in sustainable agriculture, value addition to local produce, rural entrepreneurship, and community-based tourism, highlighting Jharkhand's rich tribal heritage and natural resources.

The programme reflected the spirit of Unnat Bharat Abhiyan, encouraging youth-driven innovation and collaborative action to build self-reliant, prosperous, and sustainable rural communities.



## ***“One-day workshop on “Implementing NEP 2020: Integrating Experiential Learning through Unnat Bharat Abhiyan (UBA)”***

SEG Name: Ethos in Technical and Higher Education Institution, IIT Bombay

Date: 24<sup>th</sup> February 2026

A one-day workshop titled “Implementing NEP 2020: Integrating Experiential Learning through Unnat Bharat Abhiyan (UBA)” was organized on 24<sup>th</sup> February 2026 by the Subject Expert Group Ethos in Technical and Higher Education Institutions, Indian Institute of Technology Bombay. The workshop aimed to strengthen the implementation of the National Education Policy 2020 within the framework of Unnat Bharat Abhiyan (UBA).

The program invited Regional Coordinating Institution (RCI) Coordinators along with one potential Principal Investigator (PI) from their respective regions to participate in this focused deliberation. The primary objective was to align UBA’s community engagement initiatives with the transformative vision of NEP 2020.

## ***Workshop on Effective Project Implementation, Completion and Reporting on Rural Livelihood***

A two-day workshop on “Effective Project Implementation, Completion and Reporting on Rural Livelihood” was organized under the UBA SEG – Rural Livelihood on 10–11<sup>th</sup> March 2026 at Gandhigram Rural Institute (DTBU), Gandhigram. The workshop aimed to strengthen the capacities of participating institutions in effective project execution and reporting under the framework of Unnat Bharat Abhiyan (UBA). It focused on enhancing competencies in milestone-based project implementation, field supervision, and the use of measurable indicators for monitoring, evaluation, and impact assessment.



# ***Empowering Students through Social Internship: UBA Workshop at VNIT Nagpur***

A one-day Social Internship Workshop under the aegis of Unnat Bharat Abhiyan was organized by RCI, VNIT Nagpur on 7<sup>th</sup> March. The program witnessed participation from over 350 students representing 50+ HEIs. The workshop aimed to encourage UG and PG students to engage with rural communities, particularly tribal communities of this region. During the internship, selected students will stay in villages for 5-15 days to gain firsthand experience of rural life. VNIT Nagpur has collaborated with 20+ NGOs in the region to mentor students. As an outcome, over 50 students will undertake social internships, fostering stronger interaction between academia, NGOs, and rural communities



## **Testimonial**

*"As a proud participating institution under the Unnat Bharat Abhiyan (UBA), Dr. N.G.P. Arts and Science College has made significant strides in bridging the gap between rural communities and academic resources. Our commitment to rural development is reflected in every student initiative, community engagement, and sustainable solution implemented on the ground."*

*~Dr. S. Jagatheeswari  
Dr. N. G. P Arts and Science College*

*"UBA has not only empowered rural communities but also inspired us to align our institutional efforts toward inclusive and sustainable development. We extend our sincere gratitude to the UBA National Coordinating Institute and the Ministry of Education for giving us the opportunity to be a part of this transformative journey."*

*~ Gopalakrishna Vakamullu  
Aditya Institute of Technology and Management*

## ***Thank You***

**Compiled by the office of National Coordinator, Unnat Bharat Abhiyan  
Humble Request**

**For Feedback and suggestions please write to us:**

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