



भारतीय प्रौद्योगिकी  
संस्थान जम्मू  
INDIAN INSTITUTE OF  
TECHNOLOGY JAMMU

विद्याधनं सर्वधनं प्रथमानम्



सत्यमेव जयते  
Ministry of Education  
Government of India



उन्नत भारत अभियान  
UNNAT BHARAT ABHIYAN

# Annual Report

## UBA RCI IIT Jammu:

1. Prof. Abhay Sharma (Regional Coordinator)

2. Nalin Kumar Sharma (Participating Institute Coordinator)

3. Mrs. Jeyoti Kaul (Project Associate)

4. Mr. Subash Langeh (Field Staff)

### 1) Transportation of Asafoetida (Heeng) Saplings for Historical Trial Plantation Under RCI IIT Jammu at GDC Kargil Adopted Villages:



This is in continuation to the training of farmers of Kargil district of Ladakh UT. These farmers were trained at IHBT Palampur in March 2023. 300 free saplings were part of the training and were to be taken from IHBT Palampur to Kargil for plantation. These plants were designated for these trained farmers who belong to three adopted villages of Govt. Degree College Kargil (PI), marking a crucial step towards agricultural innovation and community development.

The initiative saw the active participation of 28 students from the Government Degree College Kargil. They were joined by the newly appointed Project In charge (P.I.) of Unnat Bharat Abhiyan, Mr. Syed Ali Mousavi. Together, they formed a dedicated team committed to the successful execution of the plantation drive as per the availability of the land with the trained farmers.

195 Hing saplings were planted in Kharul village with three farmers

50 were planted in Khundru village

55 in Handurman Village of kargil district

As per reports from the farmers, the plants are under dormancy stage as was told during the training, they are expected to grow up again after the winter season.

**Post Plantation:**

From May to early November 2024, the plants demonstrated vigorous growth. Subsequently, in accordance with their established dormancy cycle, as confirmed by IHBT Palampur scientists, they entered a period of winter quiescence, characterized by leaf desiccation. The recent emergence of new sprouts signifies the successful completion of this dormant phase. This resumption of growth is a positive indicator of the plants' resilience and viability, and it is welcomed by all stakeholders involved in the project.



**Proper launch is still pending?**

## 2) Post Bamboo Cultivation and Candy Making workshop executed by RCI IIT Jammu



Building on the existing bamboo cultivation initiative, the IIT Jammu Unnat Bharat Abhiyan (UBA) team has taken a significant step by engaging with the Regional Director of Social Forestry to secure land patches for the cultivation of new edible bamboo species.

The initial meeting, held in July 2024 at the Director Social Forestry's office in Talab Tillo, involved the Director Social Forestry, Dr. Khajuria, and Mrs. Jeyoti from the UBA team at IIT Jammu. Following this, a subsequent meeting was scheduled for December 12th, 2024, at IIT Jammu.

This meeting, aimed to finalize the sanctioning of land patches by the Social Forestry Department and to establish the procedure for their allotment, was joined by the Regional Director, Dr. Khajuria, Prof. Abhay Sharma (RCI, Coordinator, UBA IIT Jammu), and Dr. Nalin Sharma (Co-coordinator, RCI IIT Jammu). **Furthermore, the meeting saw participation from a wider collaborative team, including Prof. Yogesh Suman and Dr. Nishad from NIScPR Delhi, Dr. Rohit from IHBT Palampur, and the NCI Team from IIT Delhi.** This collaborative effort will see IIT Jammu, in partnership with CSIR-IHBT Palampur, providing comprehensive training to Social Forestry Department bamboo farmers. Crucially, these trained farmers will assume the responsibility for the ongoing care and maintenance of these bamboo plantations, ensuring the long-term success and sustainability of the project. Moreover, this initiative is designed to generate employment opportunities within the region, through the cultivation, harvesting, processing, and marketing of bamboo products. This initiative will be integrated into the project's execution, ensuring the successful introduction and cultivation of these new species, while simultaneously empowering local farmers with essential skills and knowledge.

Still waiting for the land allocation by the social forestry department of J&K UT Jammu to get the project executed.

### 3) Internal Meeting with PI Coordinator, IIT Jammu:

An internal meeting was held on 16<sup>th</sup> April 2024 between UBA Staff and PI Coordinator in the office of Dr. Riya Bhowmik to discuss the implementation of Plan of Action 2024-25.

Visit to Panjgrain by Mrs. Jeyoti along with field staff Mr. Subash Langeh to try the printing on rag-zine and other tough stuff on 23<sup>rd</sup> April 2024, we met the screen printing group and want to add another Jammu based Samba Art print form to attract more work.

### 4) Indian Army Commemorates Rajat Jayanti of OPERATION VIJAY, Kargil War at IIT Jammu

To commemorate the Rajat Jayanti of Operation Vijay, the Kargil War, a delegation from 13 JAK RIF (KARGIL), led by Major Ritwik Singh, visited IIT Jammu in a collaborative effort with Unnat Bharat Abhiyan and the IIT Jammu outreach section. The event featured interactive sessions where the army delegation shared firsthand accounts and video footage of the historic 1999 military operation, highlighting the challenges and resilience of the Indian armed forces. Col Pratap Singh Rathore from IIT Jammu conducted a special session emphasizing the significance of Operation Vijay, and Prof. Abhay Sharma, Dean of Education and Outreach, delivered a keynote address underscoring the operation's importance to national security and the role of educational institutions in fostering patriotism among youth.



### 5) IIT Jammu's Outreach Section Hosts Engaging visit of 240 School Students of KC International School of Jammu from 27<sup>th</sup> to 29<sup>th</sup> May 2024.

IIT Jammu's Outreach program successfully delivered a comprehensive educational experience for 187 students from KC International School, fostering

engagement with science, technology, and innovation. The meticulously planned three-day visit encompassed practical laboratory sessions within the Tinkering Lab, Central Workshop, and Chemistry Lab, facilitated by expert faculty, and informative presentations by IIT Jammu leadership and J&K Skill Development Mission representatives. Furthermore, the program featured motivational addresses by faculty and alumni, designed to inspire academic ambition and professional development, culminating in a networking opportunity during a refreshment session.



#### **6) The meetings with Trisakha Foundation & Youth for JK:**

The Jammu meetings with Trisakha Foundation & Youth for JK revealed a strong potential for alignment with Unnat Bharat Abhiyan (UBA), given shared goals in community engagement, skill development, and sustainable livelihoods. The emphasis on cultural preservation, a core focus of Trisakha's work, mirrors UBA's aim to utilize local knowledge for development. Integrating their projects with UBA's framework could enhance resource efficiency and community reach, particularly in rural development and economic empowerment. Collaborative efforts, including engagement with the Department of Social Outreach, would strengthen the connection between higher education institutions and rural communities, furthering UBA's objectives.



### 7) AI, IoT and More: Vigyan Jyoti Event Showcases STEM Careers:

On August 6th, 2024, the Department of Outreach and Education, led by Prof. Abhay Sharma and Dr. Nalin Sharma, successfully hosted 100 high-achieving girl students from various schools in Jammu under the Vigyan Jyoti scheme, designed to encourage female participation in STEM fields. The day featured engaging workshops, laboratory demonstrations, and expert talks, providing practical exposure and inspiration. Dr. Vijay Pal and his team delivered a presentation and interactive session on the application of IOT, AI, and Machine Learning in daily life, offering valuable mentorship and guidance. The event concluded with a lively question-and-answer session and refreshments, leaving the students motivated and informed about potential STEM careers.



### 8) SMVDU Bio sciences Students Gain Valuable Insights at IIT Jammu

IIT Jammu's Department of Continuing Education & Outreach hosted 46 bio-sciences students and faculty from Shri Mata Vaishno Devi University (SMVDU) for an educational excursion. The visit featured a tour of the cutting-edge Bio sciences Laboratory, a demonstration of 3D printing for prosthetic limbs at the Tinkering Lab, and interactive sessions with Biomedical Engineering faculty, including Dr. Mithu Baidya, Dr. Vinay Sharma, and Dr. Shirsha Bose, who provided guidance on internships and Ph.D. programs. The event aimed to inspire students and offer first hand exposure to advanced research and technology, fostering their academic and professional development



## 9) IIT Jammu Undertakes Greening Initiative in Adopted Village Panjgrain on 14<sup>th</sup> August 2024

IIT Jammu, as the Regional Coordinating Institution for Unnat Bharat Abhiyan, demonstrated its commitment to rural sustainability by initiating a tree plantation drive in Kowara village, Panjgrain Panchayat, under the 'Ek Ped Maa Ke Naam' campaign; this event, featuring the distribution of mango, guava, and lemon saplings to villagers who pledged to nurture them, was led by Dr. Nailn Sharma and supported by the UBA outreach and Grow Plant teams, effectively aligning with the institute's mandate to foster rural development and address critical environmental challenges.





### **10) IIT Jammu as Participating Unnat Bharat Abhiyan Facilitates Empowering Gram Sabha at Mohalla Kowara of Panjgrain Panchayat on 14<sup>th</sup> August 2024**

IIT Jammu, as a participating institute in the Unnat Bharat Abhiyan, successfully facilitated an empowering Gram Sabha at Mohalla Kowara, Panjgrain Panchayat, on August 14, 2024. This initiative exemplifies IIT Jammu's commitment to community engagement and fostering partnerships for mutual development. The event, supported by Dr. Nailn Sharma (PI Coordinator) and the Grow Plant team, provided a platform for villagers to engage in open dialogue and decision-making regarding local issues, development plans, and community welfare. IIT Jammu's involvement aims to strengthen grassroots democracy and empower the community, reinforcing its commitment to rural development and capacity building. Refreshments were distributed at the conclusion of the Gram Sabha.





**Lab Demonstration for SHG Members:**



**Installation at SHG site:**



## 12) First Interaction with the beneficiaries of SEG Project Proposal “Design and Development of 3D Printed and sustainable Candle Moulds” approved under Unnat Bharat Abhiyan (SEG Proposals)



On July 30, 2024, IIT Jammu initiated a project focused on "designing and developing 3D printed, sustainable candle moulds" by hosting eight women beneficiaries from Panjgrain, Mohalla Kawara, Nagrota block. Led by Dr. Raj Kumar Velu, Assistant Professor of Mechanical Engineering, and approved under the Unnat Bharat Abhiyan (SEG category) with leadership from Prof. Abhay Sharma and Dr. Nalin Sharma, this initiative aims to create employment and promote eco-friendly practices. The beneficiaries received practical 3D printing and candle-making demonstrations from Dr. Velu and his student team, followed by an interactive session. The event concluded with a Himayat scheme awareness session, informing the participants about eligibility and application procedures, and setting the stage for future on-site interactions at Panjgrain to implement the project.





**13) "Har Ghar Tiranga" and Rural Economic Development on 14th August 2024:**



IIT Jammu's engagement with the 'Har Ghar Tiranga' campaign extended beyond mere participation, fostering sustainable economic empowerment within our adopted village of Kowara, Panjgrain Panchayat. Notably, the national flags

distributed were meticulously crafted by local Self-Help Group (SHG) ladies, providing them with valuable income generation opportunities. To further support this initiative, a significant quantity of these flags was brought to the IIT Jammu campus and successfully sold to students and faculty, with all proceeds directly remitted to the SHG ladies. This endeavor not only instilled a strong sense of national pride but also demonstrated our commitment to promoting self-reliance and economic development within rural communities, aligning perfectly with the Unnat Bharat Abhiyan's core principles

#### **14) Painting Competition for 16 Art-Interested Students from UBA Adopted Village**

Painting Competition for 16 Art-Interested Students from UBA Adopted Village Panjgrain organized by Art Club, IIT Jammu on **Sunday, 16<sup>th</sup> September 2024** at IIT premises. **These students are trained in art and painting by Kalamkari centre society.** IIT Jammu Art club hosted a painting competition aimed at fostering artistic talent among students from UBA adopted villages. This event provided a platform for these young artists to showcase their creativity and interact with renowned state honor artists. The theme of the competition was culture, nature and folk in any suitable medium for one day duration from 10am to 5pm. **The judging criteria was between the students of IIT Jammu and the village students, excluding the state of honor artists of J&K, and among them the village artists bagged, 3<sup>rd</sup> prize and one consolation prize and all the students were given participation certificates too, the awardees of the competition will be felicitated in upcoming UBA event. It was indeed a valuable opportunity for young artists from UBA adopted villages to connect with experienced professionals and showcase their artistic abilities. The event contributed to the cultural development of the region and fostered a sense of community among the participants.**



### 15) Swachhta Pakhwada at Jari Primary School: A Cleanliness Drive by IIT Jammu:

As part of the Swachhta Pakhwada celebrations, IIT Jammu's Unnat Bharat Abhiyan (UBA) and Ek Bharat Shreshtha Bharat Club, in a collaborative effort, organized a cleanliness drive at Jari village primary school in Jagti Panchayat. Volunteers from IIT Jammu, alongside UBA and EBSB team members, engaged in comprehensive cleaning activities, including sweeping, mopping, litter removal from the school grounds, and grass cutting to enhance hygiene. Furthermore, the volunteers painted classrooms and fences and built platforms to improve the school's aesthetics and foster a positive learning environment. The event not only significantly enhanced the school's cleanliness and sanitation but also cultivated a strong sense of community involvement and environmental awareness among the students and villagers, concluding with the distribution of refreshments to all participants.



### 16) Robotics and Rural Education: IIT Jammu's Outreach in Kathua:

IIT Jammu, under the PM SHRI scheme, hosted 200 students from Higher Secondary School Sumwan, Kathua, providing an immersive campus experience with state-of-the-art facility tours and interaction with a UK delegation, including a live robotics presentation. This visit, part of a broader outreach strategy, highlights IIT Jammu's commitment to engaging schools in the Kathua district, particularly those in UBA-adopted villages served by PI GDC Kathua, to deliver educational resources and foster academic growth in rural communities.



### **17) Visit to Panjgrain: Assessment for SEG Proposal Development:**

A visit to the adopted village of Panjgrain by Dr. Nalin Sharma, UBA PI Coordinator and Dr. Hardeep Singh, HSS Faculty on 10th October 2024, aimed to assess the viability of developing a (SEG) proposal. Observations revealed a community with existing skills and local resources, probably Home stays in their village, after noting the scenic beauty of the village. Community engagement indicated a strong willingness to participate in relevant training/ livelihood initiatives, suggesting a promising foundation for a targeted SEG proposal that addresses their specific needs and leverages local assets.



## 18) Binna Craft Flourishes with UBA Coordination:

The UBA (Unnat Bharat Abhiyan) team successfully coordinated a significant boost for local Self-Help Group (SHG) artisans by securing substantial orders for Binna craft articles. In a heartening display of support for traditional craftsmanship, the Kalamkari Society placed a large order for Diwali, aiming to encourage these local artisans. Further amplifying this initiative, the UBA team also facilitated orders for event mementos from IIT Jammu, ensuring a broader platform for these handcrafted items. This collaborative effort not only provided much-needed economic support to the SHGs but also showcased the beauty and skill of Binna craft to a wider audience.



## 19) SEG Proposals on Display: IIT Jammu's UBA at Mahotsav 2024:

IIT Jammu, acting as the Unnat Bharat Abhiyan Regional Coordinating Institution (RCI), actively participated in Mahotsav 2024 at GGM Science College Jammu on January 21st and 22nd, 2024, a cultural festival celebrating the indigenous heritage of Jammu, Kashmir, and Ladakh. The UBA team, in collaboration with IIT Jammu's CEP section, established a stall to showcase their diverse social initiatives in adopted villages and display approved SEG Proposals. Live demonstrations of the Lavender Extractor and 3D candle molds, led by Mr. Corbel B, Mr. Sadiq, and SHG leaders Ms. Mohini Devi and Zubeda Begum, garnered significant engagement, particularly from local SHG ladies who expressed keen interest in livelihood-enhancing technologies. This participation provided a valuable platform for the UBA Cell to raise awareness, gather feedback, and refine its efforts towards sustainable rural development, complemented by the distribution of informative pamphlets.



## 20) Basic Renovation of Mian Dido Park, Jagti:

The basic renovation of Mian Dido Park, initiated by the Unnat Bharat Abhiyan (UBA) and IIT Jammu's IPM section in Jagti village, aims to transform the space from a neglected hideout for drug users into a safe and welcoming leisure area for ladies and children. This transformation is a key objective of the project, focusing on reclaiming the park for positive community use. By improving lighting, clearing overgrown areas, and providing seating and play spaces, the renovation will create an environment that encourages families to enjoy the park, effectively displacing illicit activities and fostering a sense of community ownership.



Condition of Park before



Condition of Park now, benches and volleyball net in transit

## 21) SHG Participation at IIT Jammu Expo:

On 16th February 2025, Self-Help Group (SHG) members from the adopted village of Jagti actively participated in the Nava-Pravartan Science & Tech Expo at IIT Jammu. They were provided a stall to showcase their handcrafted products, successfully selling jute bags and file covers to attendees. This participation provided a valuable platform for the SHG to exhibit their skills, generate income, and connect with a wider audience, demonstrating the impact of community engagement and technological events.



## **22) Orientation Workshops by RCI IIT Jammu during 2024-25:**

### **a) On 7th September 2024:**

An online Orientation/Interaction/Review Workshop, convened by Unnat Bharat Abhiyan (UBA) RCI IIT Jammu on September 7, 2024, under the leadership of Regional Coordinator Prof. Abhay Sharma and with the diligent coordination of Dr. Nalin Sharma, PI Coordinator, achieved significant success, witnessing a very good online participation from 11 Participating Institutions (PIs) across the Jammu province and the Union Territory of Ladakh, underscoring a strong regional commitment to UBA objectives; the workshop was distinguished by the strategic guidance of Prof. P.K. Singh, Director of UBA, NCI IIT Delhi, who ensured alignment with national UBA objectives, and the specialized expertise of Prof. R. Ramesh from NIRDPR Hyderabad, who provided crucial insights into the Capacity Building, Strategy for Convergence, and Implementation of Various Government Schemes SEG Category, their combined expertise proving instrumental in equipping PIs with the necessary knowledge and tools to develop robust and impactful Subject Expert Group (SEG) proposals, thereby strengthening the advancement of UBA's mission in their adopted villages, with PIs highlighting progress, challenges, and innovative strategies within their adopted villages by a 2-minute presentation.

### **b) On 13th December 2024:**

On December 13, 2024, the Regional Coordinating Institute (RCI) at IIT Jammu hosted an orientation, interaction, and review workshop for Participating Institutes (PIs) from Jammu province and Ladakh UT, focusing on addressing challenges and assessing progress in their Unnat Bharat Abhiyan (UBA) adopted villages. 15 PI Institutions participated in the workshop. The event commenced with an inaugural session featuring the traditional lighting of the lamp and welcoming addresses by Dr. Nalin Sharma, Associate Dean of Outreach and UBA PI Coordinator

Prof. Manoj Singh Gaur, Director, IIT Jammu. Prof. Gaur emphasized IIT Jammu's pivotal role as an RCI in advancing the UBA initiative and highlighted the importance of collaborative efforts to address rural challenges. He also announced IIT Jammu's commitment to adopting at least one new village annually.

Prof. Abhay Sharma, Regional Coordinator of UBA at IIT Jammu, encouraged PIs to develop more proposals for village needs and offered RCI assistance in proposal writing. Following introductions, participating institutions presented their 2024-25 work in adopted villages, with Dogra Degree College, MIET Jammu, MIER Jammu, and Govt. Degree College Ram Nagar receiving awards for their ground development progress. Dr. Nalin Sharma also showcased IIT Jammu's achievements as a PI.

Dr. Karan Nathwani provided guidance on securing UBA funding through effective proposal writing. The event concluded with a vote of thanks by Dr. Nalin

Sharma and the recognition of IIT Jammu UBA volunteers. Participants made several suggestions for improving UBA implementation, including the need for specified academic/promotional benefits for UBA participants, flexibility in survey fund utilization for government colleges, increased funding and activity suggestions from RCI for PIs, and more frequent offline orientation programs.

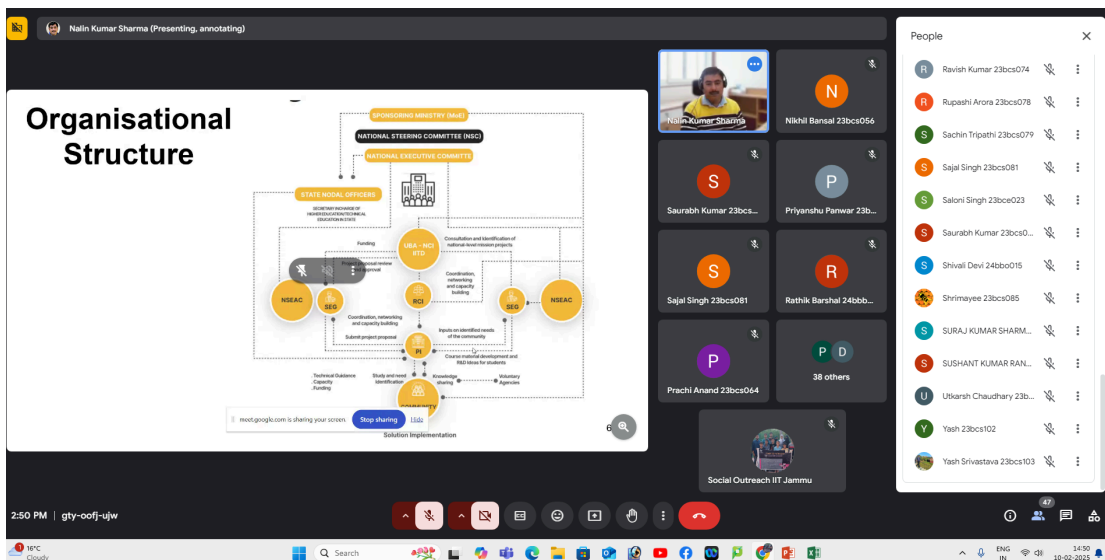
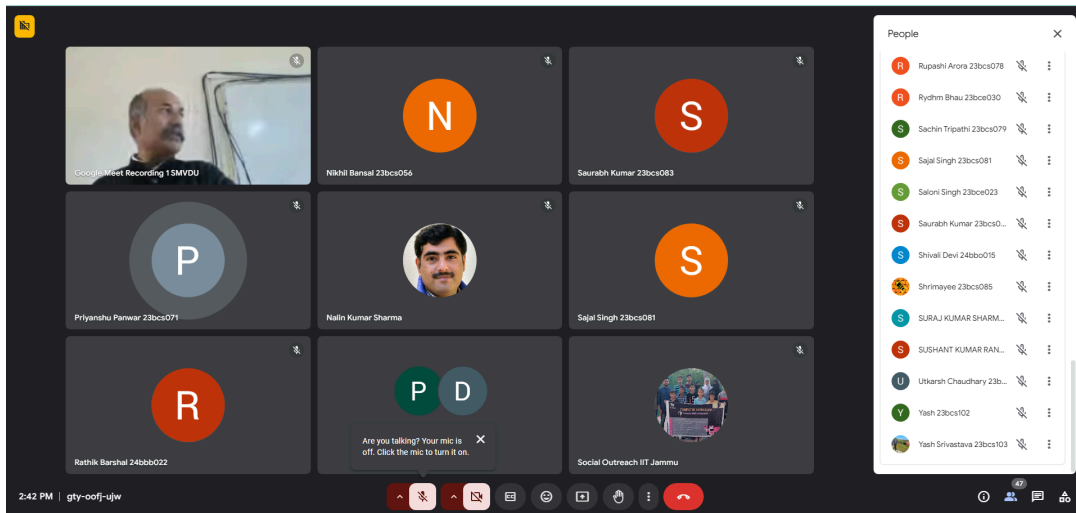




**c) 10th February 2025:**

**UBA Orientation with 62 enrolled students, staff and faculty of SMVDU, Katra, Reasi:** To enhance student comprehension of UBA activities, a one-day online workshop was conducted on February 10, 2025. Dr. Nalin Sharma, PI Coordinator, RCI IIT Jammu, inaugurated the orientation and provided a comprehensive presentation elaborating on the importance and structural framework of the UBA scheme. Subsequently, Mrs. Jeyoti Kaul from the UBA RCI office at IIT Jammu delivered an expert training session, focusing on the

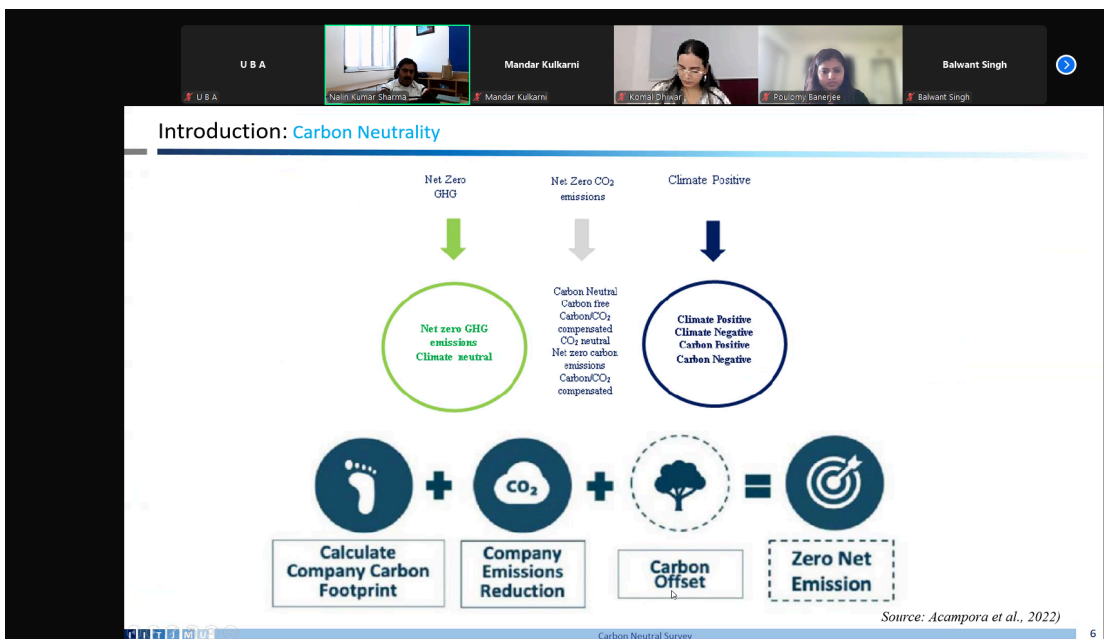
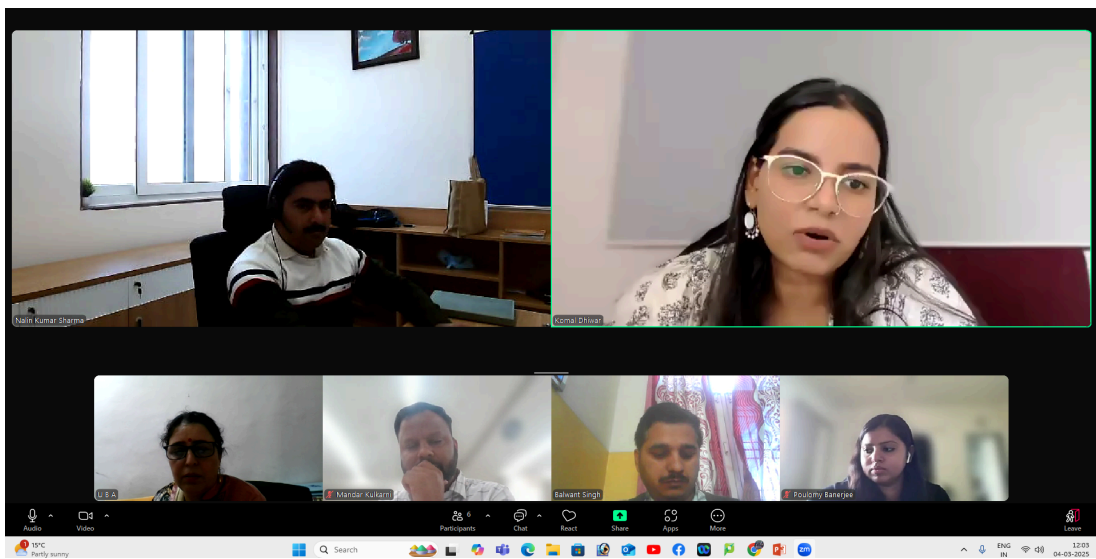
methodologies for conducting village surveys and data upload onto the UBA portal. This event was coordinated by Dr. Bharat Bhushan Jindal, UBA PI Coordinator, SMVDU, Katra, to facilitate the active engagement of the cell in UBA initiatives within their adopted villages. SMVDU is a participating institution of RCI IIT Jammu. A concluding question and answer session between Mrs. Jeyoti Kaul and the student volunteers provided an opportunity for further clarification and interactive engagement.



### 23) IIT Jammu shares knowledge with Praj Industries for village projects

Praj Industries Ltd. has sought the expertise of IIT Jammu’s Outreach/Unnat Bharat Abhiyan (UBA) team, led by Prof. Abhay Sharma, to gain insights from the 2023-24 Carbon Neutral Survey and Data Analysis of Palli Panchayat. Inspired by Palli’s success in sustainable development, Praj aims to strengthen its own Carbon Neutral and Climate Resilient Village Project near Pune through this valuable knowledge exchange.

An online meeting held on March 4, 2025, facilitated this collaboration. Dr. Nalin Kumar Sharma presented comprehensive reports on the Palli survey, providing key findings and data-driven insights. Additionally, Dr. Balwant Singh (Dogra Degree College) and Ms. Jeyoti Kaul (Unnat Bharat Abhiyan) shared firsthand experiences from the on-ground data collection process, highlighting practical challenges and real-world applications of sustainability initiatives. Mr. Mandar Kulkarni and Dr. Komal Dhiwar attended the meeting on behalf of Praj Industries. The session also featured Ms. Poulomy Banerjee, Impact Specialist at Climate Collective, who shared her perspectives on carbon neutrality and sustainable community development. This collaborative knowledge-sharing initiative underscores the importance of academic-industry partnerships in advancing rural development and environmental sustainability.



## 24) UBA Survey Inaugurated:

The UBA village survey at IIT Jammu commenced with a launch session inaugurated by Dr. Nalin Sharma, PI Coordinator. This session laid the groundwork for the comprehensive data collection effort, focusing on equipping volunteers with essential skills and ethical guidelines. Dr. Sharma's presence underscored the program's importance and IIT Jammu's commitment to community engagement. The session covered survey methodologies, questionnaire understanding and data upload procedures, ensuring volunteers were well-prepared for their field work.



## 25) IIT Jammu Conducts Mega- Survey in Adopted Villages

IIT Jammu recently conducted a large-scale household survey as part of the Unnat Bharat Abhiyan (UBA), reinforcing its commitment to rural development. Under the guidance of Prof. Manoj Singh Gaur, Director, IIT Jammu and Prof. Abhay Sharma, Dean and Head RCI, the initiative aimed to gather crucial data for community development. The initiative commenced with a formal training session, led by Dr. Nalin Sharma, PI Coordinator, which provided volunteers with standardized survey methodologies, ethical guidelines, and data management protocols, ensuring rigorous data collection. Subsequently, survey conducted in three villages:

On March 8th, a team of 24 NSS volunteers surveyed approximately 67 households in the Panjgrain Panchayat, Dansal Block, with data promptly uploaded to the UBA Portal.

On March 22nd, 23 volunteers, in collaboration with local representatives, surveyed all three wards of Pangali village, Chibba Panchayat, located approximately 10 kilometres from the IIT campus. 77 households were surveyed, and the collected data is slated for upload to the UBA portal.

On March 29th, 20 volunteers conducted a survey of 65 households in Jagti village of Jagti Panchayat, Dansal Block. The data is currently being uploaded.

These meticulously organized surveys, facilitated by robust logistical support and adherence to UBA protocols, yielded critical data for evidence-based development planning, reflecting IIT Jammu's dedication to impactful community engagement and data-driven initiatives. The volunteer support was provided by the students of IIT Jammu under Kritash Club, headed by Dr. Ravikant.

### IIT Jammu Conducts Mega-Survey in Adopted Villages

YB News Service  
Nagrota, Apr 2

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|| GREATER JAMMU ||  
JAMMU, THURSDAY, APRIL 3, 2025 ||



## Jammu IIT conducts mega-survey in adopted villages



### GJ REPORT

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On March 8, a team of 24 NSS volunteers surveyed approximately 67 households in the Panigrain Panchayat, Dansal Block, with the collected data promptly uploaded to the UBA portal.

Subsequently, in rest of the days, volunteers, in collaboration with local representatives, surveyed various wards located approximately 10 kilometers from the IIT Jammu campus.

A total of 77 households were surveyed, and the collected data is currently being prepared for upload to the UBA portal.





## 26) SHG Participation at Hari Niwas Tawi Festival:

On 9th March 2025, the 'Tawi Festival' saw a vibrant display of local talent at the Kalamkari Centre Society stall, where UBA-supported Self-Help Groups (SHGs) showcased their handcrafted goods. Visitors admired a range of products, including bags, Binna articles, and baskets, highlighting the region's rich craftsmanship and entrepreneurial spirit



## 27) Collaboration between J&K Bank and IIT Jammu for Community Outreach:

In a significant move towards community empowerment and economic development, IIT Jammu and J&K Bank held an important meeting to discuss and finalize strategies for supporting the Self-Help Groups (SHGs) established by the institute. The meeting was chaired by Prof. Manoj Singh Gaur, Director, IIT Jammu, senior officials of J&K Bank, Prof. Abhay Sharma, Dean Outreach, IIT Jammu and Dr. Nalin Sharma, Associate Dean Outreach, IIT Jammu.

The primary focus of the meeting was to streamline and expedite the process of extending support for community outreach, enabling the groups to effectively manage and scale their micro-entrepreneurial initiatives. The collaboration aims to promote financial inclusion and provide sustainable economic opportunities.

Following the meeting, officials from J&K Bank, in collaboration with the Unnat Bharat Abhiyan (UBA) team, conducted site visits to various SHGs on **March 11, 2025**. During these visits, they had the opportunity to observe the operations of the SHGs firsthand and reaffirmed their commitment to providing accessible and affordable credit facilities to enhance the socio-economic well-being of the region.

## IIT Jammu and J&K Bank Collaborate to Empower Self-Help Groups (SHGs) and Promote Community Development

### JAMMUMETRO

Jammu, : In a significant step towards community empowerment and economic development, IIT Jammu and J&K Bank recently held a high-level meeting to discuss strategies aimed at supporting Self-Help Groups (SHGs) established under the institute's outreach programs. The meeting, chaired by Prof. Manoj Singh Gaur, Director of IIT Jammu, included senior officials from J&K Bank, along with Prof. Abhay Sharma, Dean Outreach, IIT Jammu, and Dr. Nalin Sharma, Associate Dean Outreach, IIT Jammu. "The primary agenda of the meeting was to streamline and accelerate the process of extending financial sup-



port to SHGs, enabling them to manage and scale their micro-entrepreneurial ventures effectively. This collaboration is focused on fostering financial inclu-

sion and creating sustainable economic opportunities for the local community, particularly in rural and underserved areas. "Following the meet-

ing, officials from J&K Bank, in collaboration with IIT Jammu's Unnat Bharat Abhiyan (UBA) team, conducted site visits to several SHGs in the region. The

visits, which took place on March 11, 2025, provided the officials with an opportunity to witness the operational dynamics of the SHGs firsthand. These interactions reaffirmed J&K Bank's commitment to offering accessible and affordable credit facilities to help uplift the socio-economic conditions of the region. "The joint efforts of IIT Jammu and J&K Bank are aligned with the broader vision of promoting inclusive growth and ensuring that SHGs are equipped with the financial tools necessary to succeed in their entrepreneurial endeavors. This partnership is expected to have a long-term positive impact on the local economy by driving economic self-sufficiency and community development.

## IIT Jammu, J&K Bank collaborate to empower SHGs

### GJ REPORT

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The primary agenda of the meeting was to streamline and accelerate the process of extending financial support to SHGs, enabling them to manage and scale their micro-entrepreneurial ventures effectively. This collaboration is focused on fostering financial inclusion and creating sustainable economic opportunities for the local community, particularly in rural and underserved

areas.

Following the meeting, officials from J&K Bank, in collaboration with IIT Jammu's Unnat Bharat Abhiyan (UBA) team, conducted site visits to several SHGs in the region. The visits, which took place on March 11, 2025, provided the officials with an opportunity to witness the operational dynamics of the SHGs firsthand. These interactions reaffirmed J&K Bank's commitment to offering accessible and affordable credit facilities to help uplift the socio-economic conditions of the region.

The joint efforts of IIT Jammu and J&K Bank are aligned with the broader vision of promoting inclusive growth and ensuring that SHGs are equipped with the financial tools necessary to succeed in their entrepreneurial endeavors. This partnership is expected to have a long-term positive impact on the local economy by driving economic self-sufficiency and community development.



## 28) Subject Expert Group (SEG) Proposal Status at UBA RCI IIT Jammu

S. No.	Title of Proposal	SEG Category	Principal Investigator	Status of Proposal	PI Institute	Fund Status
1	Development of a batch milk pasteurizer unit	Rural Livelihood and Entrepreneurship Development	Dr. Ankit Taygi	Approved	IIT Jammu	Not received
2	Flat plate continuous solar dryer with modified phase change material.	Environment and Sustainable Resource Management	Dr.Ravi Kumar Arun	Approved	IIT Jammu	Not received
3	Solar Chimney based solar dryer for apricot and apple drying	Environment and Sustainable Resource Management	Dr Gaurav A Bhaduri	Approved	IIT Jammu	Not received
4	Design and Development of 3D printed and Sustainable Candle Moulds	Capacity Building, Strategy for Convergence and Implementation of Various Govt. Schemes	Dr V Rajkumar	Approved	IIT Jammu	Yes received
5	Developing an On-site Pilot plant for extraction and purification of Lavender extract	Capacity Building, Strategy for Convergence and Implementation of Various Govt. Schemes	Dr. Nitesh Kumar	Approved	IIT Jammu	Yes received
6	AI Based COVID-19 Solution Compliance during 2020-21	Others	A B.tech student, Now alumni	Approved	IIT Jammu	yes received, funds lying with RCI IIT Jammu

7	Development of Rainwater Harvesting System and Groundwater Recharge Mechanism	Rural Infrastructure	Dr. Parveen Kumar	Approved	MIET Jammu	Not received
8	Development of a Walnut Shell Powder Grinding Machine for Efficient Utilization of Walnut Waste Shells	Environment and Sustainable Resource Management	Dr. Nalin Sharma	Evaluation is under process	IIT Jammu	N/A
9	Revival of Mian Dido Community park	Other	Dr. Mir Faizan Ul Haq	Evaluation is under process	IIT Jammu	N/A
10	ICT Enabled Classroom	Participation in School Education	Mr. Balwant Singh	Evaluation is under process	Dogra Degree College, Samba	N/A

#### **Gram Sabha at Jagti Village with SHG group ladies:**

At Jagti village a Gram Sabha was held on March 29th, 2025 with “Jai Lakshmi Mata” Self-Help Groups (SHGs) engaged in tailoring are empowering women by leveraging existing skills and fostering economic independence. The groups pool savings, often participate in skill development, and collectively undertake tailoring work from event bags, convocation dress making of IIT Jammu since its first convocation. The group also get its work from local NGOs.

