

A FLAGSHIP PROGRAM OF MINISTRY OF EDUCATION, GOVERNMENT OF INDIA



शिक्षित भारत - सक्षम भारत - स्वच्छ भारत - स्वस्थ भारत - स्वावलम्बी भारत - संपन्न भारत - आत्मनिर्भर भारत



THEMATIC AREAS OF THE PROGRAM



Sustainable Agriculture Systems



Energy Systems



Water Resource Management



Artisans Industries & Livelihoods



Basic Amenities (Infra., School Edu & Services)

Unnat Bharat Abhiyan: Inspired by the vision of transformational change in rural developmental processes by leveraging knowledge institutions to help build the architecture of inclusive India and to have a paradigm shift in academic and research programs of the country with experiential learning among students and teachers of Higher Educational Institutions



Indian Institute of Technology, Delhi

National Coordinating Institute





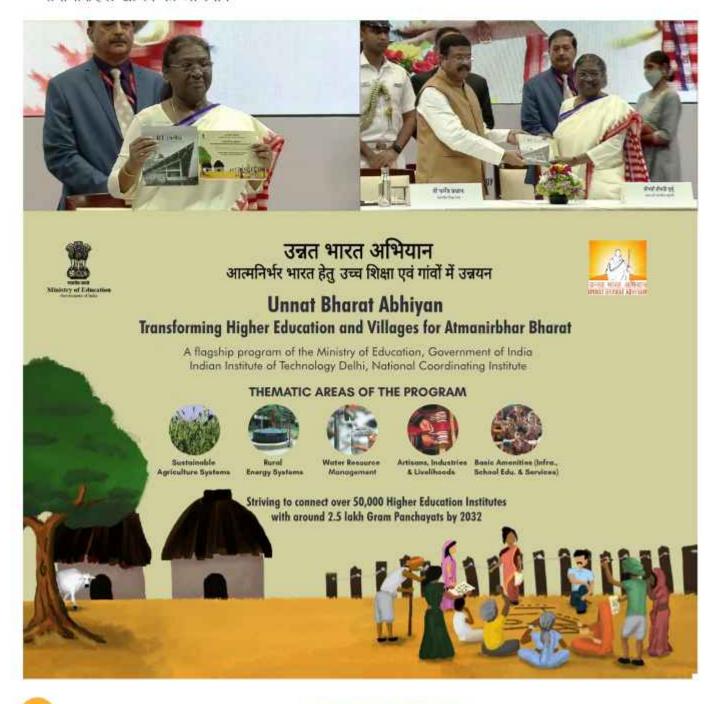


unnatbharatabhiyaniitdegmail.com, unnatbharateadmin.iitd.ac.in

LAUNCH OF UNNAT BHARAT ABHIYAN BOOK OF ACHIEVEMENTS:

"TRANSFORMING HIGHER EDUCATION AND VILLAGES FOR ATMANIRBHAR BHARAT"

- Launched on September 3, 2022 by Sh. Dharmendra Pradhan, Hon'ble Education Minister in the presence of Smt. Droupadi Murmu, Hon'ble President of India at IIT Delhi
- Captures S&T interventions by participating institutes in villages across the country
- "विकसित भारत की ओर जाने के लिए, विशेषकर उच्च शिक्षण संस्थानों में पढ़ने वाले विद्यार्थियों के मन में समाज के
 प्रति समर्पण भाव जागृत करने और जन आकांक्षाओं व लोक समस्याओं के प्रति संवेदनशील बनाने तथा उनके
 समाधान/हल खोजने का अभियान"





प्रधान मंत्री Prime Minister MESSAGE

The completion of eight years of the Unnat Bharat Abhiyan is a momentous occasion. Greetings and best wishes to everyone associated with the programme and to the Ministry of Education, IIT Delhi and other institutions, as well as various stakeholders.

Education and knowledge are pillars which support the nation's progress. We are striving tirelessly to make India a knowledge hub and to empower higher educational institutions to play a larger role in nation-building.

When it comes to development of our rural areas, we believe in 'आत्मा गाँव की, सुविधा शहर की' – facilities that empower aspirations and boost ease of living are reaching villages and serving the people.

Unnat Bharat Abhiyan is an initiative that is playing the role of an enabler in transforming the rural landscape. The Abhiyan is pivotal in leveraging the intent and energy of our talented minds to devise solutions to accelerate sustainable and holistic growth of rural India.

The role of IIT Delhi as the national coordinating institute under the scheme deserves appreciation.

The Amrit Kaal of the next 25 years is an opportunity to march ahead with a new resolve to realise the vision of a developed India, in which education and rural development play key roles.

May the booklet being published on the occasion capture the essence of the scheme and inspire a larger number of higher educational institutions to work for the holistic development of rural and remote areas.

(Narendra Modi)

New Delhi भाद्रपद 10, शक संवत् 1944 01st September, 2022

Prof. Virendra K. Vijay National Coordinator Unnat Bharat Abhiyan

ABOUT UNNAT BHARAT ABHIYAN 2.0

Unnat Bharat Abhiyan (UBA) a flagship program of the Ministry of Education (MoE), GoI is inspired by the vision of transformational change in rural development processes by leveraging knowledge institutions to help build the architecture of an inclusive India. It aims to create a vibrant relationship between the society and higher education institutions, with the latter providing scientific knowledge and technological support to improve livelihoods & lives in rural areas and to enable faculty and students of higher educational institutions to work with the people of rural India in identifying development challenges, and evolving appropriate solutions for accelerating sustainable growth of villages.

The program was formally launched by the Ministry of Education (MoE) on 11th November 2014 by His Excellency, the President of India with IIT Delhi as the National Coordinating Institute. The thematic areas of UBA are sustainable agricultural systems; water resource management; rural energy systems; artisans; industries & livelihoods; and basic amenities (rural infrastructure, connectivity, school education etc). As of December, 2024 there are about 3827 Participating Institutes under UBA spread across to 588 districts, 28 states and 8 UTs connecting to over 17974 villages.

OUR VISION

Unnat Bharat Abhiyan is inspired by the vision of transformational change in rural development processes by leveraging knowledge institutions to help build the architecture of an Inclusive India and to have a paradigm shift in academic and research programs of the country with experiential learning in students and teachers of Higher Education Institutions.



OUR MISSION



Develop the necessary mechanism and proper coordination among educational institutions, implementation agencies (District administration / Panchayati Raj Institutions) and the grassroots level stakeholders to enable effective interventions at the field level.



Select suitable rural clusters and effectively participate in the holistic development of these clusters using eco-friendly sustainable technologies and local resources creating sufficient employment opportunities in the process, harnessing multifarious government schemes, customised use of existing technologies, and use of knowledge as per the local needs.



Reorienting the academic curricula and research programs in higher education institutions to make them more responsive to the needs of the time and to bring in holistic development and enrich knowledge of students about issues of villages/society.

OBJECTIVES OF UNNAT BHARAT ABHIYAN 2.0



To engage the faculty and students of Higher Education Institutions in understanding rural realities.



To identify & select existing innovative technologies, enable customisation of technologies, or devise implementation methods for innovative solutions, as per the local needs.



To leverage the knowledge base of the educational institutions for effective implementation of various government programmes.

STRATEGY OF UNNAT BHARAT ABHIYAN 2.0



Capacity enhancement of Higher Education Institutions in research and training activities relevant to national needs, especially those of rural India.

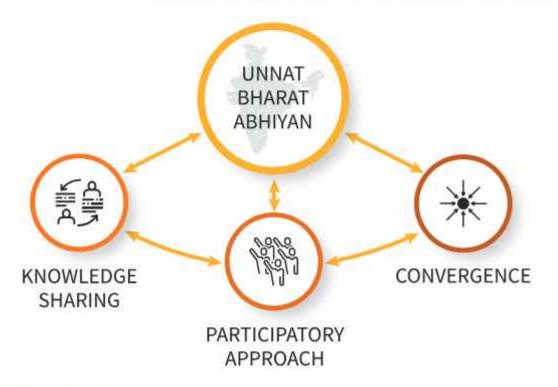


Village Adhyan (गाँव का अध्ययन)
Situation analysis, Need
Assessment of the adopted village
with objective to study, assess and
identify area of intervention /
initiatives on different subjects
broadly categorized

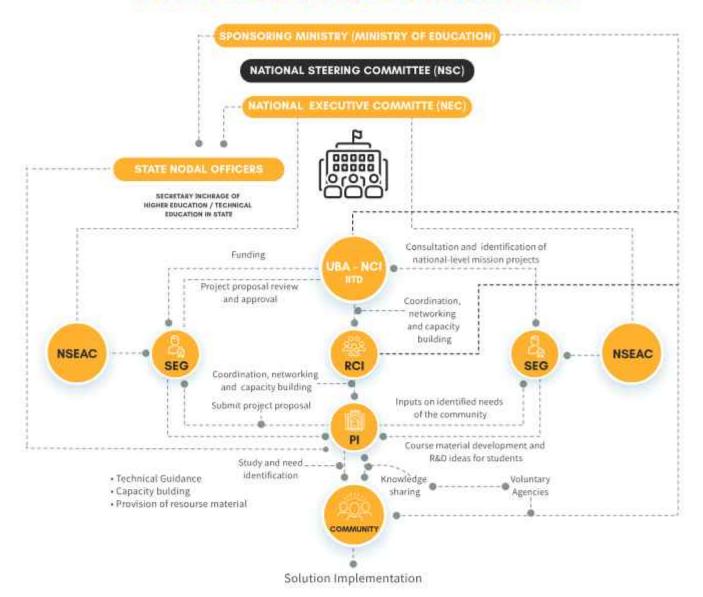


To create a virtuous cycle benefitting the society, government, and higher education system.

ETHOS OF UNNAT BHARAT ABHIYAN 2.0

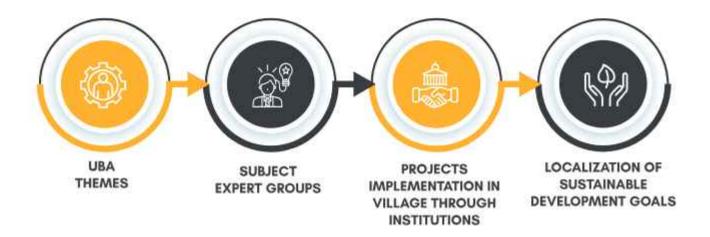


UNNAT BHARAT ABHIYAN 2.0 ORGANIZATIONAL STRUCTURE

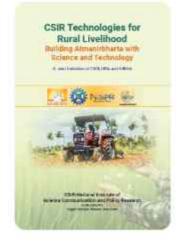


- Sponsoring Ministry-MoE: The Ministry of Education(MoE), Government of India, has launched the program of Unnat Bharat Abhiyan (UBA), a national program with the vision to involve the higher education institutions of the country for the sustainable development of villages.
- National Steering Committee (NSC): An empowered NSC has been constituted by the Ministry of Education for guidance and monitoring of the program at national level and to provide direction and requisite thrust to the program.
- National Executive Committee (NEC): A National Executive Committee has been constituted to take policy-related decisions for Unnat Bharat Abhiyan.
- National Coordinating Institute (NCI): The Indian Institute of Technology Delhi is the National Coordination Institute (NCI) for the scheme. The NCI is responsible for the effective execution and monitoring of the program.

- National Subject Expert Advisory Committee (NSEAC): NSEAC was formed for the better and effective interventions of technologies in the villages. The main objective is to make an impact on the ground and deliver the results of the program to the people in rural areas through desired technical, management, social interventions.
- Regional Coordinating Institutions (RCIs): To facilitate, guide and monitor the activities of the participating institutions (PIs), 50 Regional Coordinating Institutions (RCIs) are identified on the basis of their earlier experience and infrastructural competence etc. The responsibilities of RCIs are:
 - RCIs will act as nodal centres for promoting & facilitating UBA network in their region.
 - RCIs will groom PIs of the region to design innovative solutions for the challenges in the village.
 - RCIs is responsible to facilitate, guide and monitor the activities of Participating Institutions in their region.
- Participating Institutions: Any Higher Educational Institute willing to work with Unnat Bharat Abhiyan, can join the programme by applying online on UBA website. The responsibilities of PIs are:
 - As part of the programme, it is mandatory to identify/select five villages in consultation with the district collectors for the activities under the UBA.
 - Institutions are expected to do field studies, study the implementation of government schemes, and facilitate their better implementation so that they meet their objectives.
 - PIs should engage interested faculty members & students, NSS and other bodies of the institutes engaged in community development activities.
 - The selected PIs will work with state government, district authorities / PRIs / other institutions
 and non-governmental bodies, for arriving at suitable solutions for improving the social and
 economic well-being of the rural communities.
- Subject Expert Group Institutions (SEGs): The Subject Expert Groups provide operational expertise sought by the institutions engaged in the rural work. The responsibilities of SEGs are:
 - To act as a think tank and technical expertise resource.
 - To provide guidance on the vision, strategies and tentative roadmap in the subject area.
 - To provide technology compendium in their Subject Expert area.
 - To evaluate and approve new technical solutions submitted by PIs or any other inventors.
 - Localization of sustainable development goals and making carbon neutral gram panchayat.
 - The main objective is to make an impact on the ground and deliver the results of the program
 to the people in rural areas through desired technical, management, and social interventions.

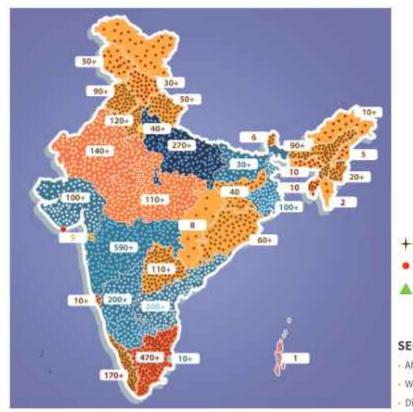






LAUNCH OF UNNAT BHARAT ABHIYAN (UBA- 2.0) ON APRIL 25TH, 2018 AT AICTE, NEW DELHI. LAUNCHED BY DR. JITENDRA SINGH, HON'BLE UNION MINISTER OF STATE, OF SCIENCE AND TECHNOLOGY AND MINISTRY OF EARTH SCIENCES ON JANUARY 14TH, 2022

UNNAT BHARAT ABHIYAN FOOTPRINTS TILL TODAY



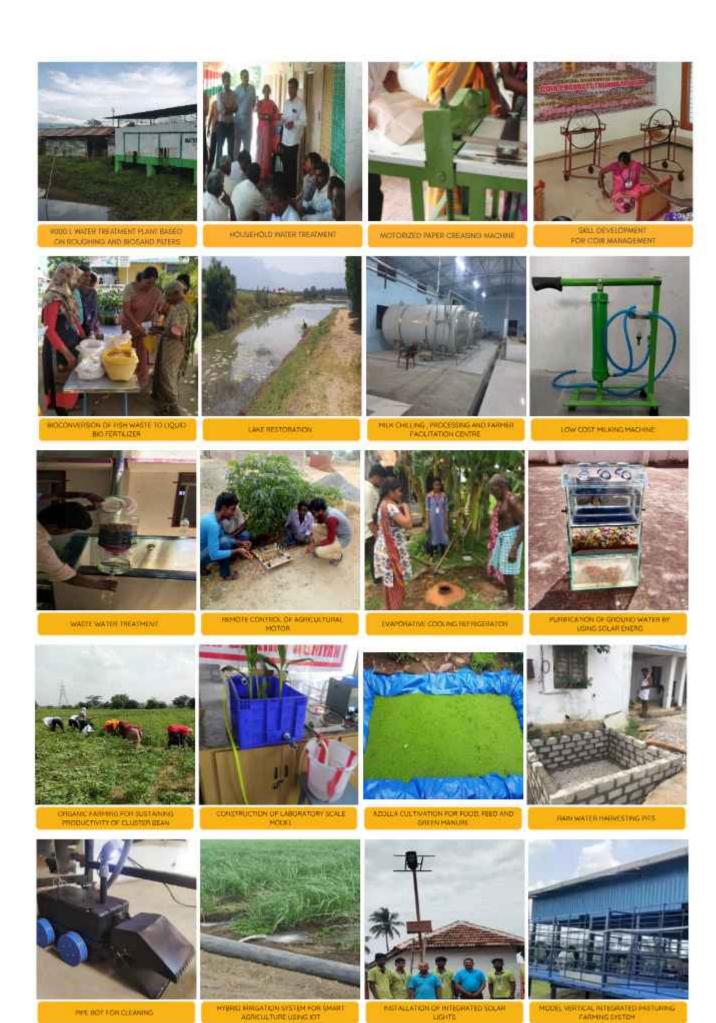
- PARTICIPATING INSTITUTES 3827
- REGIONAL COORDINATING INSTITUTES 50
- ▲ SUBJECT EXPERT GROUPS 14

SEGs in Pipeline

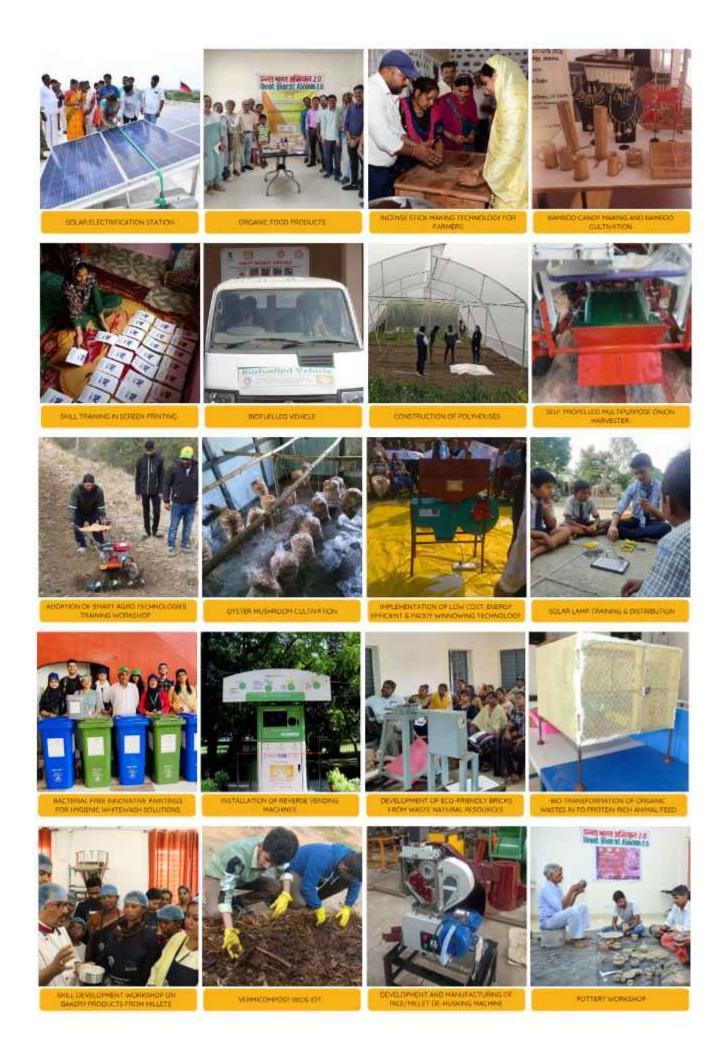
- · Affordable healthcare
- Women empowerment
- Digital empowerment
- In line with UBA requirements, UGC has started two credit course on "Community Engagement & Social Responsibility" for UG and PG students and setup 7 regional master training centres in the country.
- AICTE has started 100 hours "Rural Internship Programme" for all technical colleges.

SOME SUCCESS STORIES OF CHANGE MAKERS





PIFE BOT FOR CLEANING



LIST OF SUBJECT EXPERT GROUPS UNDER UNNAT BHARAT ABHIYAN 2.0

S. No.	SEG Name	Coordinator Name	Email	Phone number
1	Capacity Building, Strategy for Convergence and Implementation of Various Govt. Schemes	Dr. R. Ramesh, NIRD&PR Hyderabad	rramesh.nird@gov.in	8465888003
2	Curriculum Reforms and Educational Institutions Social Responsibility	Dr. Diksha Rajput, UGC New Delhi diksha.ugc@nic.in		011-23604141
3	Environment and Sustainable Resource Management	Prof. Pramod Kumar, Sri Aurobindo College, Delhi University		
4	Ethos in Technical and Higher Education Institutions	Prof. Anand B. Rao, IIT Bombay	Prof. Anand B. Rao, IIT Bombay a.b.rao@iitb.ac.in, seg. uba@iitb.ac.in	
5	Liquid Waste Management	Prof. Vivek Kumar, IIT Delhi	vivekk@rdat.iitd.ac.in	011-26596581
6	Others	Prof. Priyanka Kaushal, IIT Delhi	priyankak@rdat.iitd.ac.in	011-26596403
7	Rural Craft and Artisans Dev. & Rural Industrialization and Entrepreneurship Development	Prof. Koumudi Patil, IIT Kanpur	il, IIT Kanpur kppatil@iitk.ac.in	
8	Rural Energy Systems	Prof. P.M.V. Subbarao, IIT Delhi	ubbarao, IIT Delhi pmvs@mech.iitd.ac.in	
9	Rural Infrastructure	Prof. Praveen Kumar, IIT Roorkee	praveen.kumar@ce.iitr. ac.in	91-1332-285470
10	Sanitation & Solid Waste Management	Prof. Indumathi Nambi, IIT Madras	Nambi, IIT Madras indurambi@civil.iitm.ac.in	
11	Sustainable Agriculture System	Dr. R.N. Padaria, IARI New Delhi	iariseg2022@gmail.com	9968966766
12	Water Resource Management	Prof. Manoj Kumar Tiwari, IIT Kanpur	mktiwari@iitk.ac.in	0512-2592423
13	Participation in School Education	Prof. Namita Mittal, MNIT Jaipur	nmittal.cse@mnit.ac.in	0141-2713324
14	Rural Livelihood and Entrepreneurship Development	Prof. K. Ravichandran, GRI, Gandhigram & Prof. Seema Sharma, IIT Delhi	drkravichandrangru@ gmail.com seemash@dms.iitd.ac.in	9443567827 011-26596352

LIST OF REGIONAL COORDINATING INSTITUTES UNDER UNNAT BHARAT ABHIYAN 2.0

S.No.	Institute	Coordinator	Email	State
1	Andhra University	Prof. J. Apparao	rciuba@andhrauniversity. edu.in	East Andhra Pradesh
2	Dayalbagh Educational Institute (Deemed University, Agra	Dr. Akashay Kumar Satsangi	uba@dei.ac.in	Western Uttar Pradesh
3	Dr. Babasaheb Ambedkar Marathawada University, Aurangabad	Dr. Sonali Kshirsagar	unnatbharatabhiyan@ bamu.ac.in	Eastern Maharashtra (Aurangabad, Nasik Division)
4	Gandhigram Rural Institute, Dindigul	Dr. K. Ravichandran	uba@ruraluniv.ac.in	Eastern Tamil Nadu (Southern Districts)
5	Indira Gandhi National Open University Delhi	Dr. Umesh Pandey	ucpandey@ignou.ac.in	India
6	Indian Institute of Science Bangalore			North Western Karnataka
7	Indian Institute of Science Education and Research Thiruvananthapuram	Prof. M.P. Ranjan	ubarci@iisertvm.ac.in	North Eastern Kerala
8	Indian Institute of Technology BHU (Varanasi)	Prof. Shishir Gaur	ubarciiitbhu@gmail.com, rci.uba@itbhu.ac.in	Eastern Uttar Pradesh
9	Indian Institute of Technology Bombay	Prof. Anand B Rao	rci.uba@iitb.ac.in	Western Maharashtra (Konkan and Pune division), Goa, Dadra and Nagar Haveli
10	Indian Institute of Technology Delhi	Prof. Pooja Ghosh	iitd.rci.uba@gmail.com	Delhi and NCR
11	Indian Institute of Technology Gandhinagar	Prof. Pranab Mohapatra	pranabm@iitgn.ac.in	Gujarat
12	Indian Institute of Technology Guwahati	Prof. Srinivasan Krishnaswamy	rcuba@iitg.ac.in	Assam
13	Indian Institute of Technology Jammu	Prof. Abhay Sharma	social.outreach@iitjammu. ac.in	Jammu & Ladakh
14	Indian Institute of Technology Jodhpur	Prof. Vivek Vijay	rci_uba@iitj.ac.in	Central Rajasthan
15	Indian Institute of Technology Kanpur	Prof. Sandeep Sangal	uba@litk.ac.in	Eastern Uttar Pradesh
16	Indian Institute of Technology Kharagpur	Prof. Rintu Banerjee	ubarci.litkgp@gmail.com	Southern West Bengal
17	Indian Institute of Technology Madras	Prof. B.S. Murty	uba@iitm.ac.in	Tamilnadu, Pondichery, Andaman & Nicobar
18	Indian Institute of Technology Palakkad	Dr. Sudarshan R Kottai	uba@iitpkd.ac.in	Northern Kerala
19	Indian Institute of Technology Roorkee	Prof. Ashish Pandey	rciubalitr@litr.ac.in	Uttarakhand, Western Uttar Pradesh
20	Karnataka University, Dharwad	Dr. N. Ramanjaneyalu	ubakud@gmail.com	Northern Kamataka
21	Kerala Agriculture University	Dr. Jacob John	ubakau.rci@gmail.com	Northern Kerala & Lakshadweep
22	Maharaja Sayajirao University of Baroda	Dr. Sunita Sharma	uba-msu@msubaroda. ac.in	Gujarat
23	Maharana Pratap University of Agriculture and Technology (MPUAT) Udaipur	Dr. Manjeet Singh	manjeetsinghd@mpuat. ac.in	Southern Rajasthan
24	Mahatma Gandhi National Council of Rural Education (MGNCRE)	Dr. Debendra Nath Dash	rcimgncre@gmail.com	Southern Telangana
25	Malaviya National Institute of Technology Jaipur	Prof. Harlal Mali	rci-uba@mnit.ac.in	Eastern Rajasthan
26	Maulana Azad National Institute of Technology Bhopal	Dr. Pushpender Yadav	rci.ubamanit@gmail.com	Central Madhya Pradesh

27	National Institute of Rural Development and Panchayati Raj	Dr. R Ramesh	crinirdpr@gmail.com, cri. nird@gov.in	Central Telangana
28	National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh	Prof. U N Roy	uba@nitttrchd.ac.in	Punjab, Chandigarh
29	National Institute of Technology Agartala	Dr. Umesh Mishra	umishra.civil@nita.ac.in	Tripura
30	National Institute of Technology Durgapur	Dr. Shri Krishan Rai	rcinitd1@gmail.com, rciuba@nitdgp.ac.in	West Bengal
81	National Institute of Technology Hamirpur	Dr. Chander Prakash	uba-nith@nith.ac.in	Himachal Pradesh
2	National Institute of Technology Jamshedpur	Dr. Shakti Prasad	rciuba@nitjsr.ac.in	Jharkhand
13	National Institute of Technology Kurukshetra	Dr. Sathans	rcinitkkr@nitkkr.ac.in	Haryana
14	National Institute of Technology Manipur	Dr. P. Albino Kumar	uba@nitmanipur.ac.in	Manipur
15	National Institute of Technology Meghalaya	Dr Atanu Singha Roy	uba.nitmeghalaya@nitm. ac.in	Meghalaya
16	National Institute of Technology Mizoram	Dr. H. Lalhmingsanga	nitmzrci@gmail.com	Mizoram
7	National Institute of Technology Nagaland	Dr. Arul Valan	valan@nitnagaland.ac.in	Nagaland
8	National Institute of Technology Patna	Dr. Om Ji Shukla	uba.rci@nitp.ac.in	Bihar
19	National Institute of Technology Raipur	Dr. Sudhakar Pandey	uba@nitrr.ac.in	Chhattisgarh
10	National Institute of Technology Rourkela	Prof R K Biswal	uba.nitrkl@gmail.com, uba@nitrkl.ac.in	Odisha
1	National Institute of Technology Sikkim	Mr. Gajendra Singh Shekhawat	coordinator.uba@ nitsikkim.ac.in	Sikkim
12	National Institute of Technology Srinagar	Dr. Mohammad Farooq Wani	ubanitsrinagar@nitsri.ac.in	Kashmir
13	National Institute of Technology Warangal	Dr. M. Heeralal	uba@nitw.ac.in	Western Telangana
14	North Eastern Regional Institute of Science and Technology (NERIST)	Dr. Thaneswer Patel	uba@nerist.ac.in	Arunachal Pradesh
5	Sant Gadge Baba Amravati University	Dr. Manoj Kumbhare	uba_vidarbha@sgbau.ac.in	Eastern Maharashtra (Nagpur, Amravati Division)
6	Sardar Vallabhbhai National Institute of Technology Surat	Dr. Krupesh A. Chauhan	rciuba@svnit.ac.in	Gujarat, Daman and Diu
7	Shri Govindram Seksaria Institute of Technology and Science, Indore	Dr. Krishnakant Dhakar	krishnakant.dhakar@ gmail.com	Western Madhya Pradesh
8	Sri Venkateswara Veterinary University Tirupathi	Dr. Kapa Sarjan Reddy	ubarcisvvu@gmail.com	Southwest Andhra Pradesh
9	Tamil Nadu Agricultural University, Coimbatore	Dr. E. Soma Sundararn	ubarcitnau@gmail.com	Eastern Tamil Nadu (Western and Central Districts)
i0	Visvesvaraya National Institute of Technology Nagpur	Dr. Bhooshan Rajpathak	unnatbharatabhiyan_rci@ vnit.ac.in	Eastern Maharashtra

TECH4SEVA

Technology Outreach as an Enabler for Inclusive & Sustainable Development.

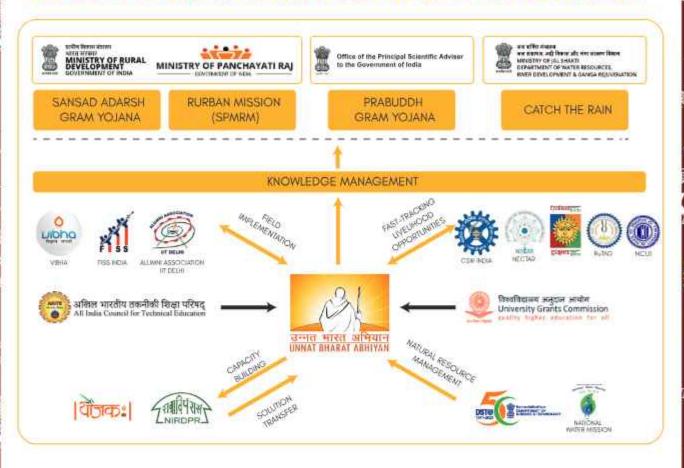


- UBA and VIBHA jointly organised 3-day technology outreach workshop "Tech4Seva", in 2019 and again in 2021 where eminent academic and R&D organizations and community through, PRIs, field and social organizations participated and deliberated on the idea of bringing process of technology development closer to need of the society.
- Tech4Seva has created a process to bring all stakeholders (technology providers, disseminators, facilitators, and seekers) on a common platform in real-time to facilitate rural development through S&T



CONVERGENCE FOR FACILITATION OF

HOLISTIC AND SUSTAINABLE RURAL DEVELOPMENT



Unnat Bharat Abhiyan Nodal Officers' Contact Details

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Prof. Priyanka Kaushal (National Co-coordinator)

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उन्नत भारत अभियान

UNNAT BHARAT ABHIYAN

A FLAGSHIP PROGRAM OF MINISTRY OF EDUCATION, GOVERNMENT OF INDIA (A MOVEMENT FOR A PROGRESSIVE INDIA)