

उन्नत भारत अभियान

उच्च शिक्षा विभाग, शिक्षा मंत्रालय, भारत सरकार का एक प्रमुख कार्यक्रम

UNNAT BHARAT ABHIYAN

A FLAGSHIP PROGRAM OF MINISTRY OF EDUCATION, GOVERNMENT OF INDIA

शिक्षित भारत-स्वस्थ भारत-स्वच्छ भारत-स्वावलंबी भारत-संपन्न भारत



श्री नरेंद्र मोदी माननीय प्रधानमंत्री, भारत सरकार



श्री धर्मेन्द्र प्रधान माननीय शिक्षा मंत्री, भारत सरकार





If we have to build the Nation, we have to start from Villages

THEMATIC AREAS OF THE PROGRAM



Sustainable Agriculture Systems



Energy Systems



Water Resource Management



& Livelihoods



Artisans Industries 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 July, 2025 there are about 4334 Participating Institutes under UBA spread across to 600 districts, 35 states and UTs connecting to over 20529 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.

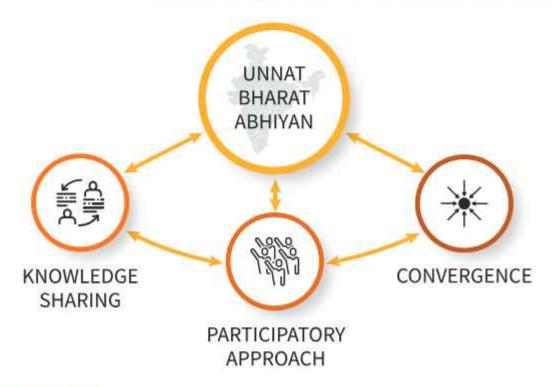


Village Adhyan (गाँव का अध्ययन)
Situation analysis, Need
Assessment of the adopted village
with objective to study, assess and
identify area of intervention /
initiatives on different subjects
broadly categorized

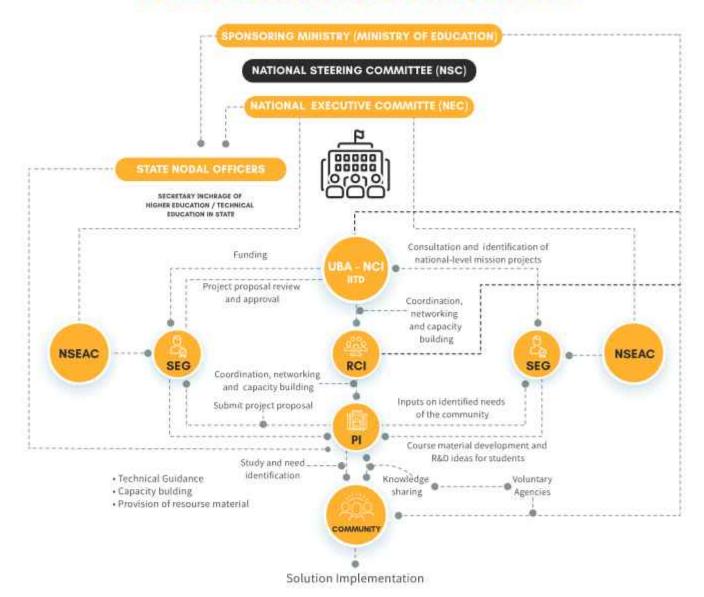


To create a virtuous cycle benefitting the society, government, and higher education system.

ETHOS OF UNNAT BHARAT ABHIYAN 2.0

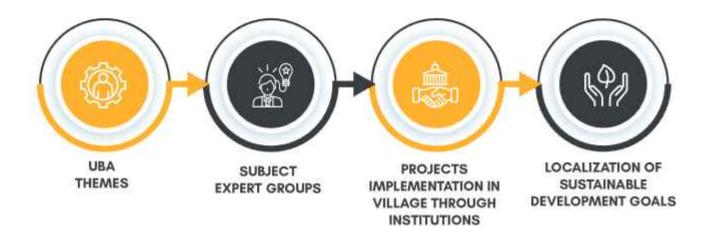


UNNAT BHARAT ABHIYAN 2.0 ORGANIZATIONAL STRUCTURE



- 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

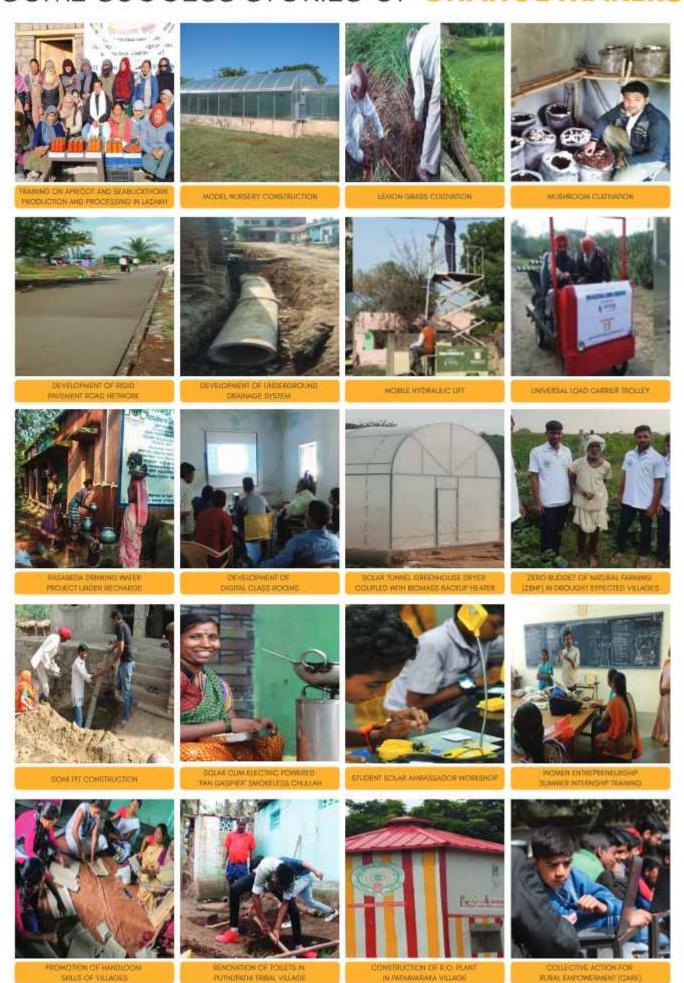
UNNAT BHARAT ABHIYAN FOOTPRINTS TILL TODAY



- PARTICIPATING INSTITUTES 4334
- REGIONAL COORDINATING INSTITUTES 50
- ▲ SUBJECT EXPERT GROUPS 15

- 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





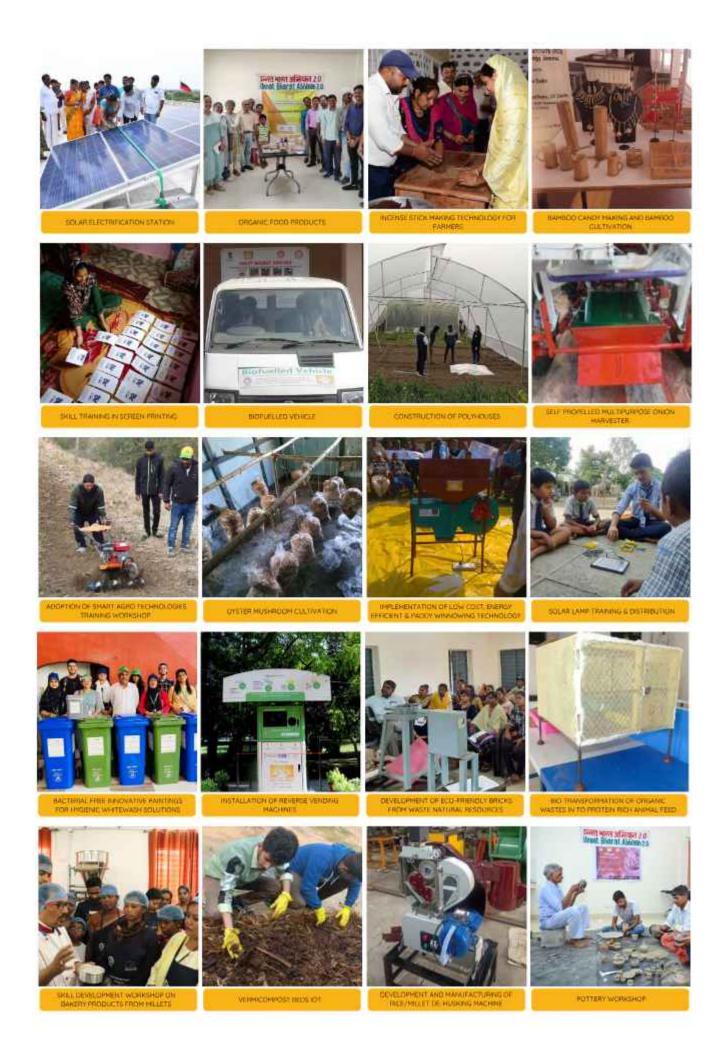


PINT BOT FOR CLEANING

HYBRIT MINGATION SYSTEM FOR (MAINT AGRICULTURE DEVIS INT







LIST OF SUBJECT EXPERT GROUPS UNDER UNNAT BHARAT ABHIYAN 2.0

| S. No. | SEG Name | Coordinator Name | Email | Phone number |
|--------|---|--|--|------------------------------|
| 1 | Sustainable Agriculture System | Dr. R.N. Padaria, IARI New Delhi | iariseg2022@gmail.com | 9968966766 |
| 2 | Environment and Sustainable Resource Management | Prof. Pramod Kumar, Sri Aurobindo College, Delhi University | drpramod_chem@ aurobindo.du.ac.in | 9911117714 |
| 3 | Water Resource Management | Prof. Manoj Kumar Tiwari, IIT Kanpur | mar Tiwari, IIT Kanpur mktiwari@litk.ac.in | |
| 4 | Rural Energy Systems | Prof. P.M.V. Subbarao, IIT Delhi | pmvs@mech.iitd.ac.in | 011-26591142 |
| 5. | Rural Craft and Artisans Dev. & Rural Industrializa-tion and Entrepreneurship Development | Prof. Koumudi Patil, IIT Kanpur | kppatil@iitk.ac.in | 0512-591493 / 0512-598473 |
| 6 | Capacity Building, Strategy for Convergence and Implementation of Various Govt. Schemes | Dr. R. Ramesh, NIRD&PR Hyderabad | rramesh.nird@gov.in | 8465888003 |
| 7 | Rural Livelihood | Prof. K. Ravichandran, GRI, Gandhigram | drkravichandrangru@ gmail.com | 9443567827 |
| 8 | Rural Entrepreneurship Development | Prof. Seema Sharma, IIT Delhi | seemash@dms.iitd.ac.in | 011-26596352 |
| 9 | Ethos in Technical Institutions | Prof. Anand B. Rao, IIT Bombay | a.b.rao@iitb.ac.in, seg.uba@iitb.ac.in | 022-2576-7877 |
| 10 | Participation in School Education | Prof. Namita Mittal, MNIT Jaipur | nmittal.cse@mnit.ac.in | 0141-2713324 |
| 11 | Rural Infrastructure | Prof. Praveen Kumar, IIT Roorkee | praveen.kumar@ce.iitr. ac.in | 91-1332-285470 |
| 12 | Sanitation & Solid Waste Management | Prof. Indumathi Nambi, IIT Madras | indunambi@civil.litm.ac.in | 044-22574289, 09444687042 |
| 13 | Liquid Waste Management | Prof. Vivek Kumar, IIT Delhi | vivekk@rdat.iitd.ac.in | 011-26596581 |
| 14 | Curriculum Reforms and Educational Institutions Social Responsibility | Dr. Diksha Rajput, UGC New Delhi | diksha.ugc@nic.in | 011-23604141 |
| 15 | Others | Prof. Priyanka Kaushal, IIT Delhi | priyankak@rdat.iitd.ac.in | 011-26596403 |

LIST OF REGIONAL COORDINATING INSTITUTES UNDER UNNAT BHARAT ABHIYAN 2.0

| S. No. | Institute | Coordinator | Email | States & UT |
|--------|--|----------------------------------|--|---|
| 1 | Andhra University | Prof. J. Apparao | rciuba@andhrauniversity. edu.in | Eastern 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 | Central Maharashtra (Aurangabad, Nasik Division) |
| 4 | Gandhigram Rural Institute, Dindigul | Dr. K. Ravichandran | uba@ruraluniv.ac.in | Central Tamil Nadu (Southern Districts) |
| 5 | Indira Gandhi National Open University Delhi | Dr Manorama Singh | directorrsd@ignou.ac.in | India |
| 6 | Indian Institute of Science Bangalore | Prof. Lakshminarayana Rao | narayana@iisc.ac.in | Southern Karnataka |
| 7 | Indian Institute of Science Education and Research Thiruvananthapuram | Prof. M.P. Ranjan | ubarci@lisertvm.ac.in | Southern 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 | Western Rajasthan |
| 15 | Indian Institute of Technology Kanpur | Prof. Sandeep Sangal | uba@iitk.ac.in | Central Uttar Pradesh |
| 16 | Indian Institute of Technology Kharagpur | Prof. Rintu Banerjee | ubarci.iitkgp@gmail.com | Southern West Bengal |
| 17 | Indian Institute of Technology Madras | Prof. Sudarsan Padmanabhan | uba@iitm.ac.in | Tamilnadu, Pondichery, Andaman & Nicobar |
| 18 | Indian Institute of Technology Palakkad | Dr. Sudarshan R Kottai | uba@iitpkd.ac.in | Central Kerala |
| 19 | Indian Institute of Technology Roorkee | Prof. Ashish Pandey | rciubalitr@iitr.ac.in | Uttarakhand, Western Uttar Pradesh |
| 20 | Karnataka University, Dharwad | Dr. Chethan J.D | ubakud@gmail.com | Northern Karnataka |
| 21 | Kerala Agriculture University | Dr. Binoo P Bonny | ubakau.rci@gmail.com | Central 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 | Malaviya National Institute of Technology Jaipur | Prof. Harlal Mali | rci-uba@mnit.ac.in | East-central Rajasthan |
| 25 | Maulana Azad National Institute of Technology Bhopal | Dr. Pushpender Yadav | rci.ubamanit@gmail.com | Central Madhya Pradesh |
| 26 | National Institute of Rural Development and Panchayati Raj | Dr. R Ramesh | crinirdpr@gmail.com, cri. nird@gov.in | Central Telangana |

| | 30 | | S | |
|----|---|---------------------------------|--|---|
| 27 | National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh | Prof. U N Roy | uba@nitttrchd.ac.in | Punjab, Chandigarh |
| 28 | National Institute of Technology Agartala | Dr. Umesh Mishra | umishra.civil@nita.ac.in | Tripura |
| 29 | National Institute of Technology Durgapur | Dr. Shri Krishan Rai | rcinitd1@gmail.com, rciuba@nitdgp.ac.in | West Bengal |
| 30 | National Institute of Technology Hamirpur | Dr. Chander Prakash | uba-nith@nith.ac.in | Himachal Pradesh |
| 31 | National Institute of Technology Jamshedpur | Dr. Shakti Prasad | rciuba@nitjsr.ac.in | Jharkhand |
| 32 | National Institute of Technology Kurukshetra | Dr. Sathans | rcinitkkr@nitkkr.ac.in | Haryana |
| 33 | National Institute of Technology Manipur | Dr. P. Albino Kumar | uba@nitmanipur.ac.in | Manipur |
| 34 | National Institute of Technology Meghalaya | Dr Atanu Singha Roy | uba.nitmeghalaya@nitm. ac.in | Meghalaya |
| 35 | National Institute of Technology Mizoram | Dr. H. Lalhmingsanga | nitmzrci@gmail.com | Mizoram |
| 36 | National Institute of Technology Nagaland | Dr. Arul Valan | valan@nitnagaland.ac.in | Nagaland |
| 37 | National Institute of Technology Patna | Dr. Om Ji Shukla | uba.rci@nitp.ac.in | Bihar |
| 38 | National Institute of Technology Raipur | Dr. Sudhakar Pandey | uba@nitrr.ac.in | Chhattisgarh |
| 39 | National Institute of Technology Rourkela | Prof R K Biswal | uba.nitrkl@gmail.com, uba@nitrkl.ac.in | Odisha |
| 40 | National Institute of Technology Sikkim | Mr. Gajendra Singh Shekhawat | coordinator.uba@ nitsikkim.ac.in | Sikkim |
| 41 | National Institute of Technology Srinagar | Dr. Mohammad Farooq Wani | ubanitsrinagar@nitsri.ac.in | Kashmir |
| 42 | National Institute of Technology Warangal | Dr. M. Heeralal | uba@nitw.ac.in | Eastern Telangana |
| 43 | North Eastern Regional Institute of Science and Technology (NERIST) | Dr. Thaneswer Patel | uba@nerist.ac.in | Arunachal Pradesh |
| 44 | Sant Gadge Baba Amravati University | Dr. Manoj Kumbhare | uba_vidarbha@sgbau.ac.in | Eastern Maharashtra (Nagpur, Amravati Division) |
| 45 | Sardar Vallabhbhai National Institute of Technology Surat | Dr. Krupesh A. Chauhan | rciuba@svnit.ac.in | Gujarat, Daman and Diu |
| 46 | Shri Govindram Seksaria Institute of Technology and Science, Indore | Dr. Krishnakant Dhakar | krishnakant.dhakar@ gmail.com | Western Madhya Pradesh |
| 47 | Sri Venkateswara Veterinary University Tirupathi | Dr. Kapa Sarjan Reddy | ubarcisvvu@gmail.com | Southwestern Andhra Pradesh |
| 48 | Tamil Nadu Agricultural University, Colmbatore | Dr. E. Soma Sundararn | ubarcitnau@gmail.com | Central-west Tamil Nadu |
| 49 | University of Hyderabad | Dr. Debendra Nath Dash | rcimgncre@gmail.com | Southern Telangana |
| 50 | 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.

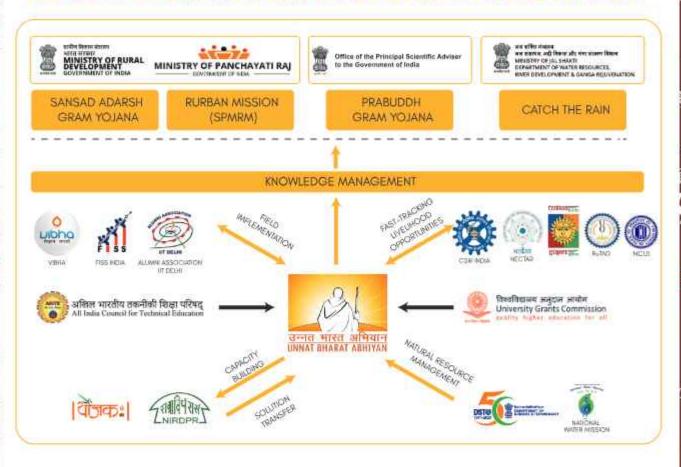


- UBA and VIBHA jointly organised 3-day technology outreach workshop "Tech4Seva", in 2019 and again in 2021 where eminent academic and R&D organizations and community through, PRIs, field and social organizations participated and deliberated on the idea of bringing process of technology development closer 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

Prof. Virendra Kumar Vijay

National Coordinator, UBA

Prof. Vivek Kumar (National Co-coordinator)
Prof. Priyanka Kaushal (National Co-coordinator)

- Centre for Rural Development and Technology Indian Institute of Technology Delhi Hauz Khas, New Delhi – 110016
- 🌐 www.unnatbharatabhiyan.gov.in
- unnatbharatabhiyaniitdegmail.com unnatbharateadmin.iitd.ac.in
- 01126596451, 01126596351

Sh. Armstrong Pame

Joint Secretary (ICC & RUSA) Nodal Officer UBA

- Ministry of Education Department of Higher Education Shastri Bhawan Government of India New Delhi - 110001
- armstron.pame@nic.in
- (9 011-23071486(O)

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