



सत्यमेव जयते  
Ministry of Education  
Government of India

A FLAGSHIP PROGRAM OF MINISTRY OF EDUCATION, GOVERNMENT OF INDIA



## उन्नत भारत अभियान 2.0 UNNAT BHARAT ABHIYAN 2.0

(A MOVEMENT FOR A PROGRESSIVE INDIA)

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



### THEMATIC AREAS OF THE PROGRAM



Sustainable  
Agriculture Systems



Rural  
Energy Systems



Water Resource  
Management



Artisans, Industries  
& Livelihoods



Basic Amenities (Infra.,  
School Edu. & Services)

The program involves higher education institution's students and teachers of the country in the process of indigenous development of self sufficient and sustainable communities and also to learn from the wisdom of the people.



Indian Institute of Technology, Delhi  
National Coordinating Institute



[www.unnatbharatabhiyan.gov.in](http://www.unnatbharatabhiyan.gov.in)



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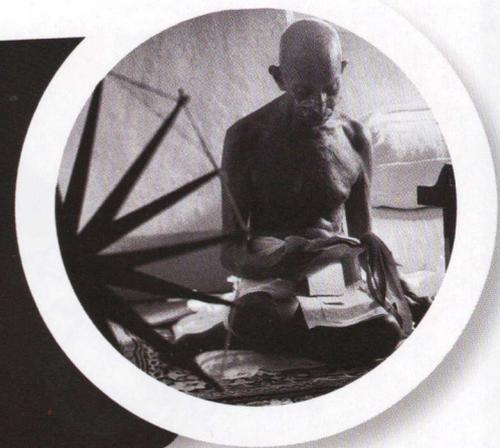
# ABOUT UNNAT BHARAT ABHIYAN 2.0

**Unnat Bharat Abhiyan (UBA)** a flagship program of the Ministry of Education (MoE), Govt of India 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 June 2022, there are about participating institutes under UBA spread across to 548 districts, 28 states, and 8 union territories connecting to over 16000 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.

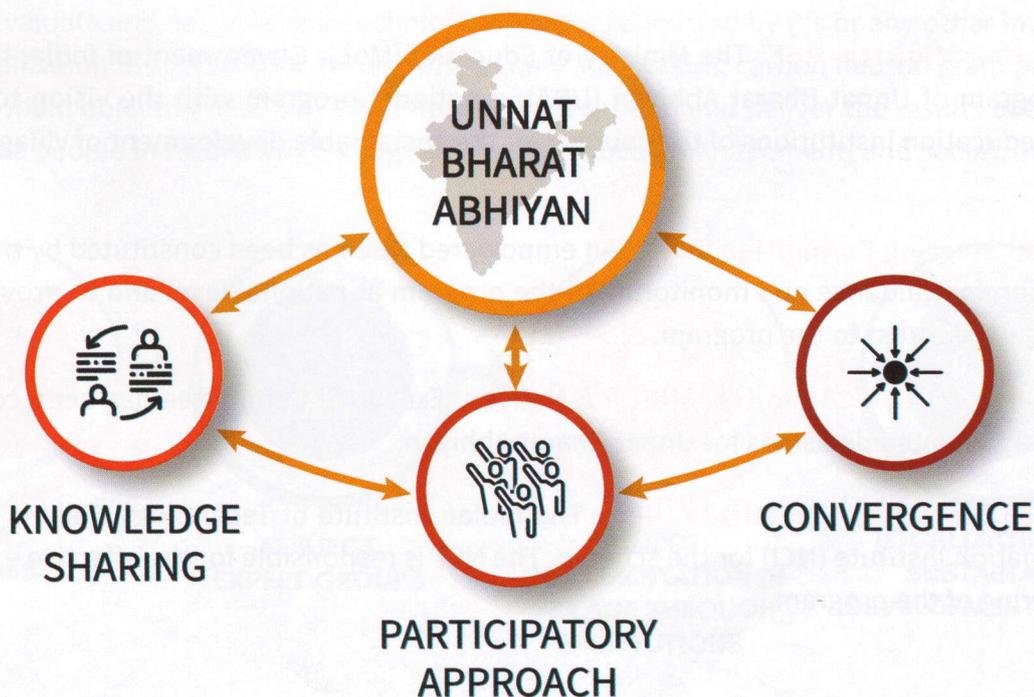


**Village Adhyan (गाँव का अध्ययन)**  
Situation analysis, Need Assessment of the adopted village with objective to study, assess and identify area of intervention / initiatives on different subjects broadly categorized

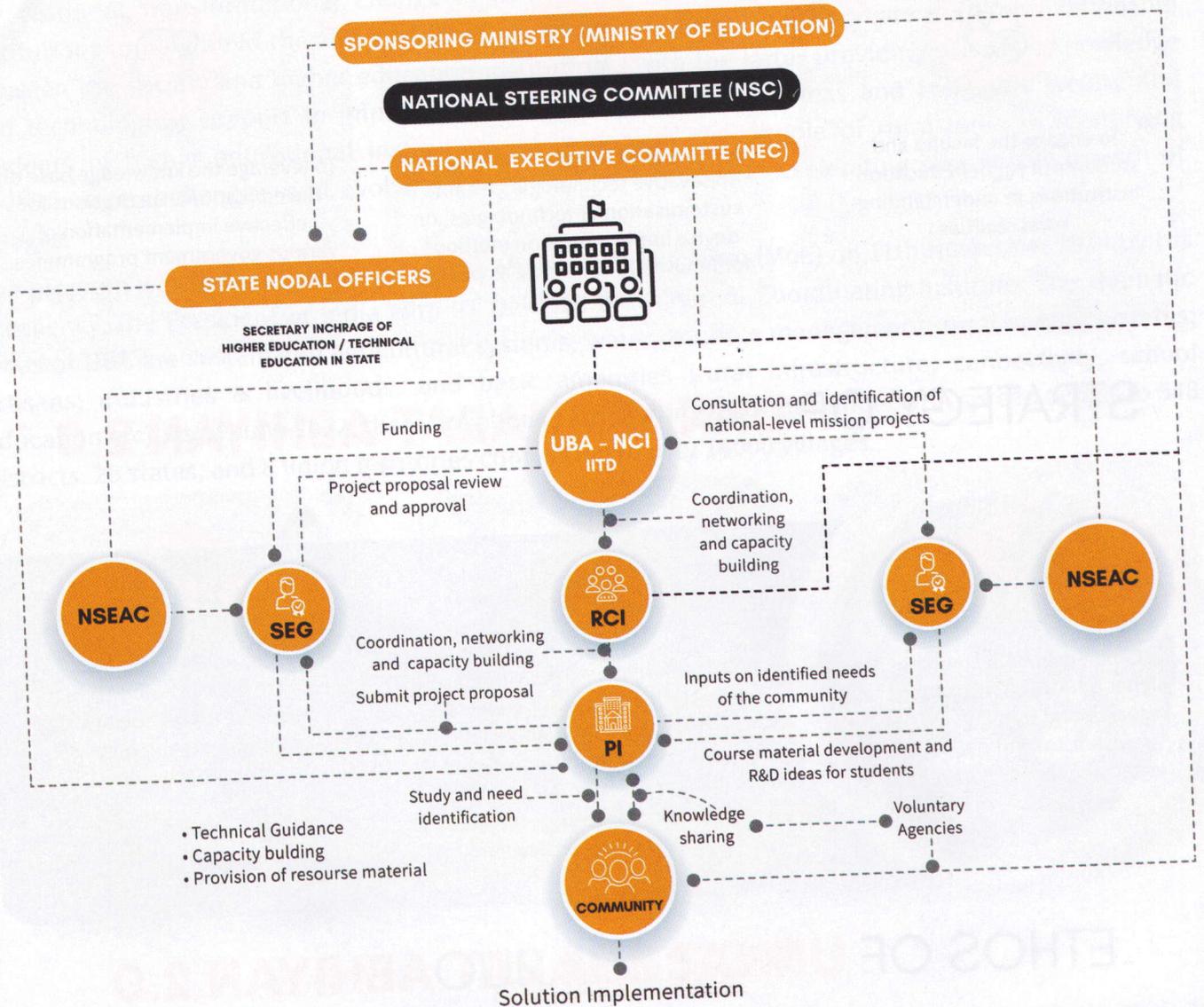


To create a virtuous cycle benefitting the society, government, and higher education system.

## ETHOS OF UNNAT BHARAT ABHIYAN 2.0

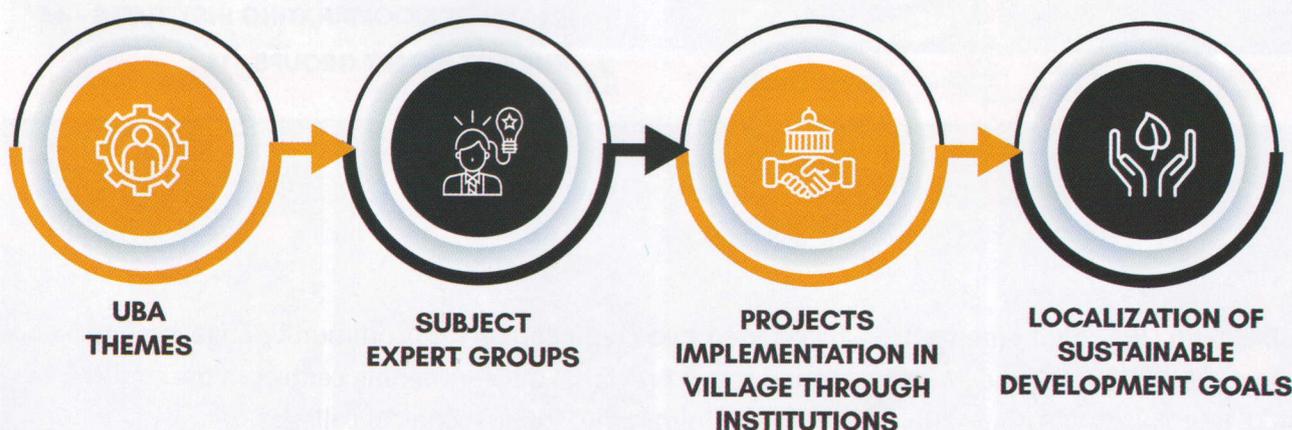


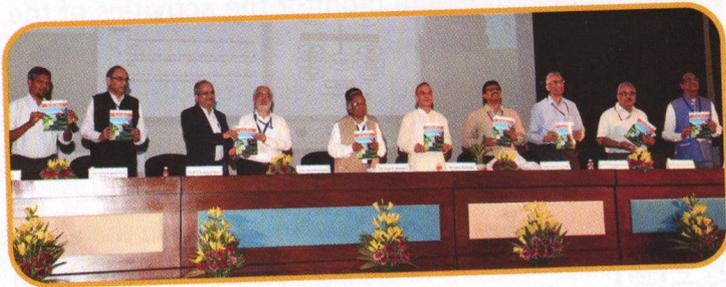
# UNNAT BHARAT ABHIYAN 2.0 ORGANIZATIONAL STRUCTURE



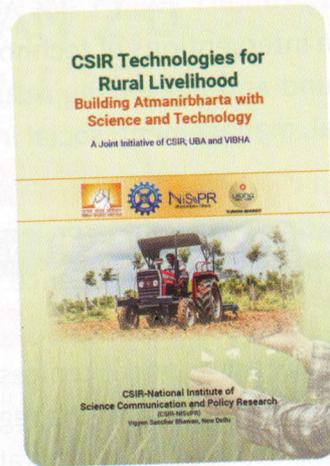
- **Sponsoring Ministry-MoE:** The Ministry of Education (MoE), Government of India, has launched the program of Unnat Bharat Abhiyan (UBA), a national program with the vision to involve the higher education institutions of the country for the sustainable development of villages.
- **National Steering 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 Coordinating 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), 45 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.



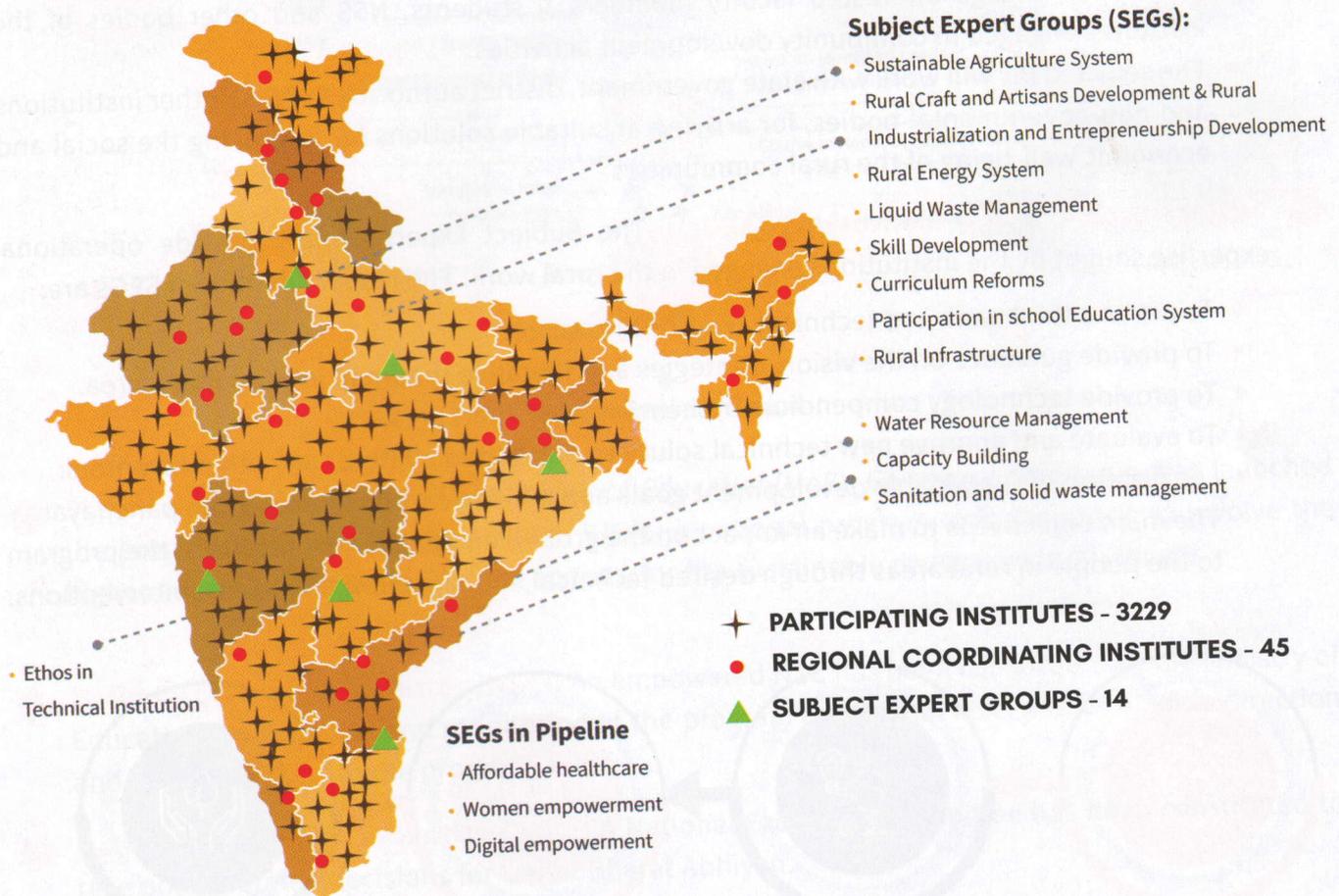


LAUNCH OF UNNAT BHARAT ABHIYAN (UBA- 2.0) ON APRIL 25<sup>TH</sup>, 2018 AT AICTE, NEW DELHI.



LAUNCHED BY DR. JITENDRA SINGH, HON'BLE UNION MINISTER OF STATE, OF SCIENCE AND TECHNOLOGY AND MINISTRY OF EARTH SCIENCES ON JANUARY 14<sup>TH</sup>, 2022

## UNNAT BHARAT ABHIYAN FOOTPRINTS TILL 2022



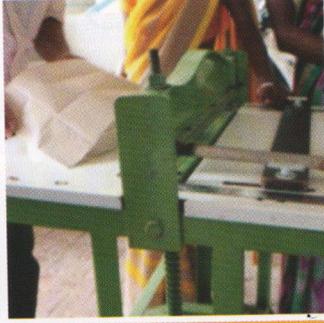
- In line with UBA requirements, UGC has started two credit course on "Community Engagement & Social Responsibility" for UG and PG students and setup 7 regional master training centres in the country.
- AICTE has started 100 hours "Rural Internship Programme" for all technical colleges.



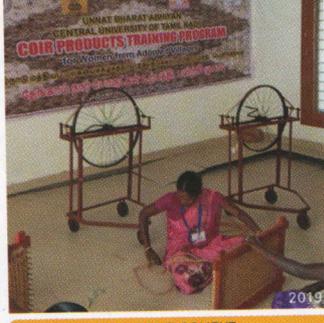
9000 L WATER TREATMENT PLANT BASED ON ROUGHING AND BIOSAND FILTERS



HOUSEHOLD WATER TREATMENT



MOTORIZED PAPER CREASING MACHINE



SKILL DEVELOPMENT FOR COIR MANAGEMENT

## 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	Dr. R.Ramesh, NIRDPR, Hyderabad	rramesh.nird@gov.in	8465888003
2	Curriculum Reforms and Educational Institutions Social	Dr. Diksha Rajput, UGC, New Delhi	diksha.ugc@nic.in	011-23604141
3	Environment and Sustainable Resource Management	Prof. Pramod Kumar, Sri Aurobindo College, University of Delhi	nita_pramod@yahoo.com	9911117714
4	Ethos in Technical Institutions	Prof. Anand Rao, IIT Bombay	a.b.rao@iitb.ac.in	022-2576-7877
5	Liquid Waste Management	Prof. Vivek Kumar, IIT Delhi	vivekk@rdat.iitd.ac.in	011-26596581
6	Others and Others- COVID-19	Prof. Priyanka Kaushal	priyankak@rdat.iitd.ac.in	011-26596403
7	Participation in School Education	Likely to be finalized soon	Likely to be finalized soon	
8	Rural Craft and Artisans Development & Rural Industrialization	Prof. Koumudi Patil, IIT Kanpur	kppatil@iitk.ac.in	0512-591493 / 598473
9	Rural Energy System	Prof. Subba Rao, IIT Delhi	pmvs@mech.iitd.ac.in	8130392523
10	Rural Infrastructure	Prof. Praveen Kumar, IIT Roorkee	director@nitdelhi.ac.in	011-27787501 / 27787502
11	Rural Livelihood and Entrepreneurship Development	Likely to be finalized soon	Likely to be finalized soon	
12	Sanitation & Solid Waste Management	Prof. Indumatti Nambi, IIT Madras	indunambi@iitm.ac.in	044-225754750/ 22574408
13	Sustainable Agriculture System	Dr. B.S. Tomar, IARI, New Delhi	segubaiari@gmail.com	9868336217
14	Water Resource Management	Prof. Manoj Kumar Tiwari, IIT Kharagpur	mktiwari@swr.iitkgp.ac.in	03222282874

# LIST OF REGIONAL COORDINATING INSTITUTES UNDER **UNNAT BHARAT ABHIYAN 2.0**

S. No.	State	Institute	Coordinator	E-mail
1	Arunachal Pradesh	North Eastern Regional Institute of Science and Technology (NERIST)	Prof. Pradip Lingfa	pradip.lingfa@gmail.com
2	Assam, Meghalaya, Mizoram, and Nagaland	Indian Institute of Technology Guwahati	Dr. Srinivasan Krishnaswamy	srinikris@iitg.ac.in rcuba@iitg.ac.in
3	Bihar	National Institute of Technology Patna	Dr. Kamini Sinha	uba.rci@nitp.ac.in
4	Central Kerala	Indian Institute of Technology Palakkad	Dr. Athira	uba@iitpkd.ac.in
5	Central Madhya Pradesh	Maulana Azad National Institute of Technology Bhopal	Dr. Pushpender Yadav	rci.ubamanit@gmail.com pushpendra@manit.ac.in
6	Central Uttar Pradesh	Dayalbagh Educational Institute (Deemed University, Agra)	Dr. Akashay Kumar Satsangi	akashaykumarsatsangi@dei.ac.in uba.rci.dei@gmail.com
7	Central/Eastern Rajasthan	Malaviya National Institute of Technology Jaipur	Dr. Namita Mittal	rci-uba@mnit.ac.in
8	Chhattisgarh	National Institute of Technology Raipur	Dr. Sudhakar Pandey	uba@nitrr.ac.in
9	Coastal Andhra Pradesh	Andhra University	Prof. G Nagaraja	nagarajag918@gmail.com
10	Delhi and NCR	Indian Institute of Technology Delhi	Prof. Pooja Ghosh	poojaghosh@rdat.iitd.ac.in
11	Eastern Maharashtra	Visvesvaraya National Institute of Technology Nagpur	Dr. A. V. Deshpande	unnatbharatabhiyan_rci@vnit.ac.in
12	Eastern Maharashtra (Aurangabad, Nasik Division)	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	Dr. T.R. Patil	unnatbharatabhiyan@bamu.ac.in
13	Eastern Maharashtra (Nagpur, Amravati Division)	Sant Gadge Baba Amravati University	Dr. Manoj Kumbhare	uba_vidarbha@sgbau.ac.in
14	Eastern Uttar Pradesh	Indian Institute of Technology BHU	Dr. Shishir Gaur	ubarciitbhu@gmail.com
15	Gujarat	Indian Institute of Technology Gandhinagar	Prof. Pranab Mohapatra	pranabm@iitgn.ac.in
16	Gujarat, Daman and Diu	Sardar Vallabhbhai National Institute of Technology Surat	Prof. K.D. Yadav	rciuba@svnit.ac.in
17	Haryana	National Institute of Technology Kurukshetra	Dr. Sathans	sathans@nitkk.ac.in rcinitkk@nitkk.ac.in
18	Himachal Pradesh	National Institute of Technology Hamirpur	Dr. Chander Prakash	chandermanali@gmail.com
19	India	IGNOU	Mr. S.K. Yadav	skyadav@ignou.ac.in
20	Jammu & Ladakh	Indian Institute of Technology Jammu	Prof. Rakesh Singhai	rakesh.singhai@iitjammu.ac.in social.outreach@iitjammu.ac.in
21	Jharkhand	National Institute of Technology Jamshedpur	Dr. Ranjit Prasad	rciuba@nitjsr.ac.in
22	Karnataka	IISc Bangalore		

23	Kashmir	National Institute of Technology Srinagar	Dr. Mohammad Farooq Wani	mfwani@nitsri.net
24	Kerala & Lakshadweep	Kerala Agriculture University	Dr. Jacob John	ubakau.rci@gmail.com de@kau.in
25	Manipur	National Institute of Technology Manipur	Dr. P. Albino Kumar	albinoiit@gmail.com
26	Northern Karnataka	Karnataka University, Dharwad	Dr. N. Ramanjaneyalu	ubakud@gmail.com
27	Odisha	National Institute of Technology Rourkela	Dr. R.K.Patel	uba.nitrkl@gmail.com
28	Punjab, Chandigarh	National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh	Dr Hemant Kumar Vinayak	hemant.vinayak@nitttrchd.ac.in rdnorth1@rediffmail.com
29	Southern Kerala	IISER Thiruvananthapuram	Prof. Ranjan M P	ubarci@iisertvm.ac.in rajanmp@iisertvm.ac.in
30	Southern Rajasthan	Maharana Pratap University of Agriculture and Technology (MPUAT) Udaipur	DR. P.K Singh	pk Singh35@yahoo.com
31	Southern West Bengal	Indian Institute of Technology Kharagpur	Prof. Rintu Banerjee	ubarci.iitkgp@gmail.com
32	Southwest Andhra Pradesh	Sri Venkateswara Veterinary University Tirupathi	Dr. Kapa Sarjan Reddy	ubarcisvuu@gmail.com
33	Tamilnadu, Pondichery, Andaman & Nicobar	Indian Institute of Technology Madras	Prof. B.S.Murty	bsm@iitm.ac.in uba@iitm.ac.in
34	Tripura	National Institute of Technology Agartala	Dr. Umesh Mishra	umeshmishra2010@gmail.com
35	Uttarakhand, Western Uttar Pradesh	Indian Institute of Technology Roorkee	Prof. Ashish Pandey	ashish.pandey@wr.iitr.ac.in rciubaiitr@iitr.ac.in
36	West Bengal & Sikkim	National Institute of Technology Durgapur	Dr. Shri Krishan Rai	srikrishanrai4@gmail.com
37	Western Madhya Pradesh	Shri Govindram Seksaria Institute of Technology and Science, Indore	Dr. Milind Dandekar	mddandekar@gmail.com
38	Western Maharashtra (Konkan and Pune division), Goa, Dadra and Nagar Haveli	Indian Institute of Technology Bombay	Prof. Anand B Rao	ubaworkshopiitb@gmail.com
39	Western Rajasthan	Indian Institute of Technology Jodhpur	Dr. Anand K. Plappally	anandk@iitj.ac.in
40	Western Tamil Nadu (Southern Districts)	Gandhigram Rural Institute, Dindigul	Dr. K.Ravichandran	rcubagri@gmail.com
41	Western Tamil Nadu (Western and Central Districts)	Tamil Nadu Agricultural University, Coimbatore	Dr. E. Soma Sundararn	business@tnau.ac.in ubarciitnau@gmail.com
42	Western Telangana	National Institute of Technology Warangal	Dr. G. Sunitha	uba@nitw.ac.in
43	Western Telangana (Central Districts)	National Institute of Rural Development and Panchayati Raj	Dr. R Ramesh	rramesh.nird@gov.in
44	Western Telangana (Southern Districts)	Mahatma Gandhi National Council of Rural Education (MGNCRE)	Dr. Naga Lakshmi	msmgncrc@gmail.com
45	Western Uttar Pradesh	Indian Institute of Technology Kanpur	Prof. Sandeep Sangal	uba@iitk.ac.in