



सत्यमेव जयते
Ministry of Education
Government of India

A FLAGSHIP PROGRAMME OF MoE, GOVT. OF INDIA



उन्नत भारत अभियान 2.0 UNNAT BHARAT ABHIYAN 2.0

(A MOVEMENT FOR A PROGRESSIVE INDIA)

शिक्षित भारत- सक्षम भारत- स्वच्छ भारत-स्वावलम्बी भारत-संपन्न 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 the higher educational institutions of the country in the process of indigenous development of self sufficient and sustainable village clusters using their students and faculty members and also to learn from the wisdom of the people.



Indian Institute of Technology, Delhi
National Coordinating Institute

ABOUT **UNNAT BHARAT ABHIYAN 2.0**

Unnat Bharat Abhiyan (UBA) a flagship programme of Ministry of Education (MoE), 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 society and higher educational institutions, with the latter providing scientific knowledge and technology 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 system, water resource management, rural energy systems, artisans, industries & livelihoods, and basic amenities (rural infrastructure, connectivity, school education etc). As on June 2022, there are around 3229 over participating institutes under UBA connected to 432 districts, 29 states, and 6 union territories in around 16000 over villages under different UBA thematic areas.

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.



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 intervention 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 educational 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 Educational 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.



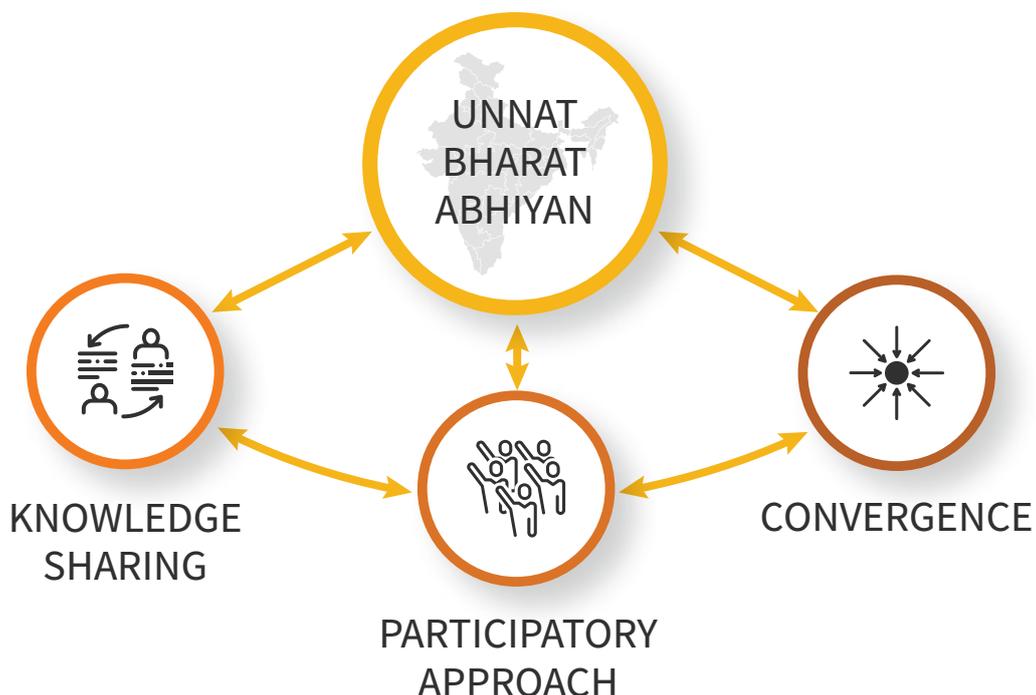
Village Adhyan (गाँव का अध्ययन)

Situation Analysis, Need Assessment of the adopted village with objective to study, assess and identify area of intervention / initiatives on different subjects broadly categorized



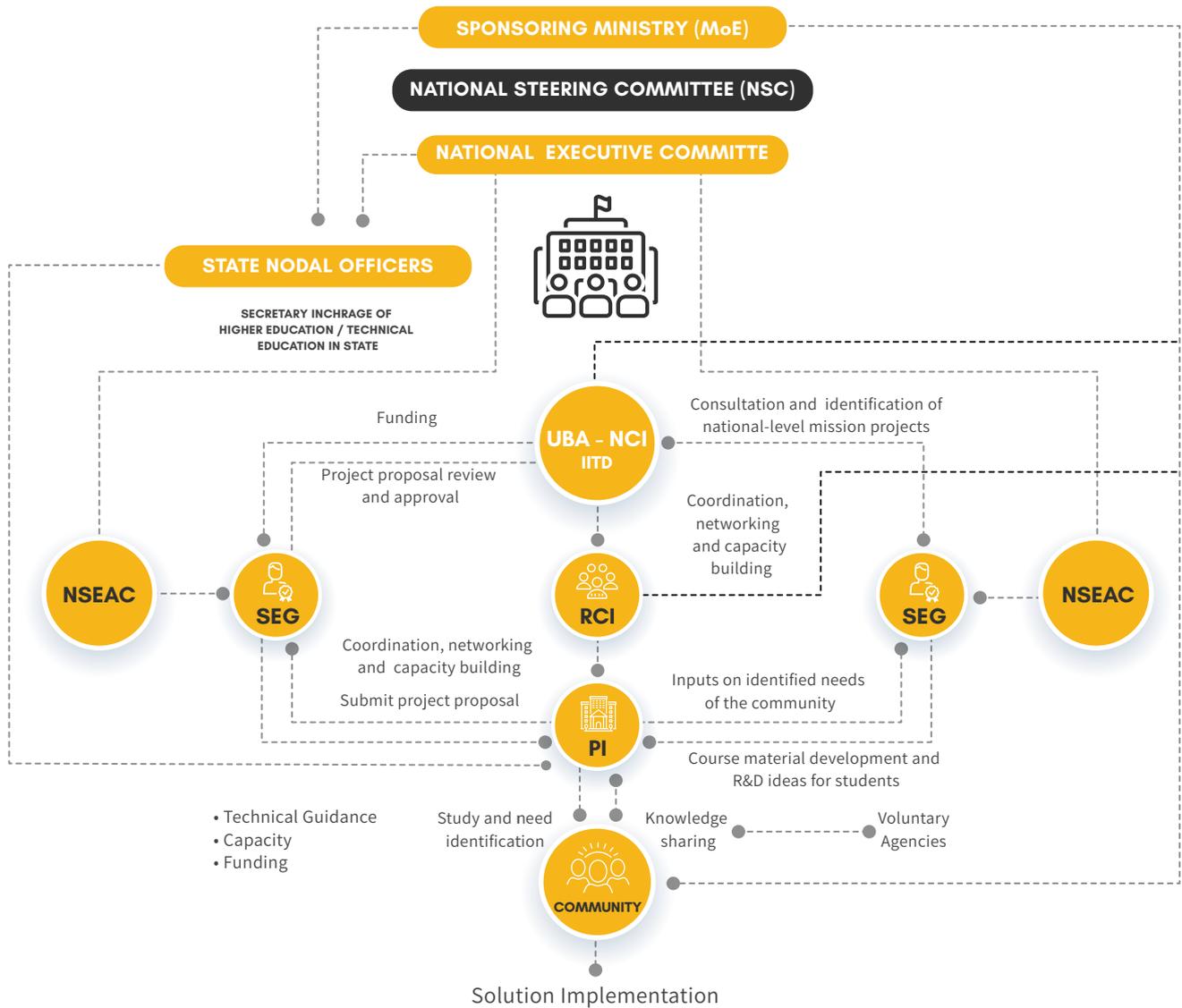
To create a virtuous cycle benefitting the society, government, and higher education system.

ETHOS OF UNNAT BHARAT ABHIYAN 2.0



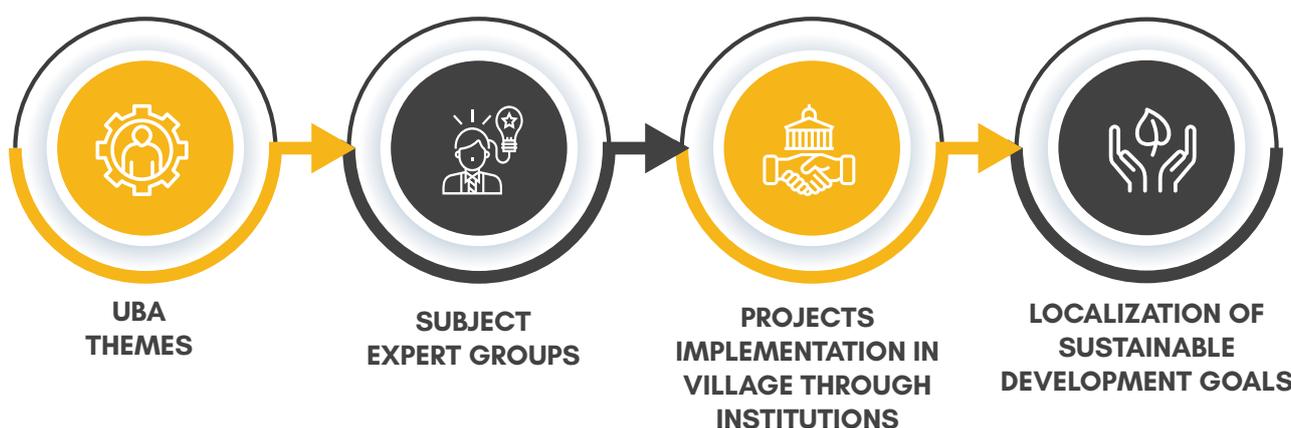
UNNAT BHARAT ABHIYAN 2.0

ORGANIZATIONAL STRUCTURE



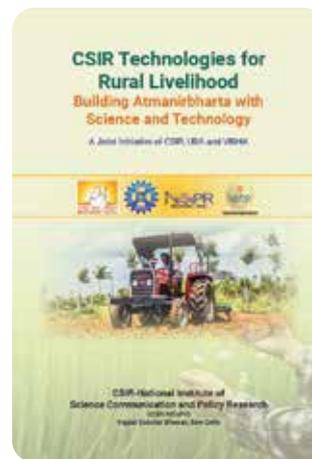
- **Sponsoring Ministry–MoE:** The Ministry of Education(MoE), Government of India, has launched the program of Unnat Bharat Abhiyan (UBA), a national program with the vision to involve the professional and other higher educational institutions of the country for the sustainable development of villages.
- **National Steering Committee (NSC):** An empowered NSC has been constituted by Ministry of Education for guidance and monitoring of the program at national level and to provide direction and requisite thrust to the programme.
- **National Executive Committee (NEC):** National Executive Committee 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 programme.

- **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.



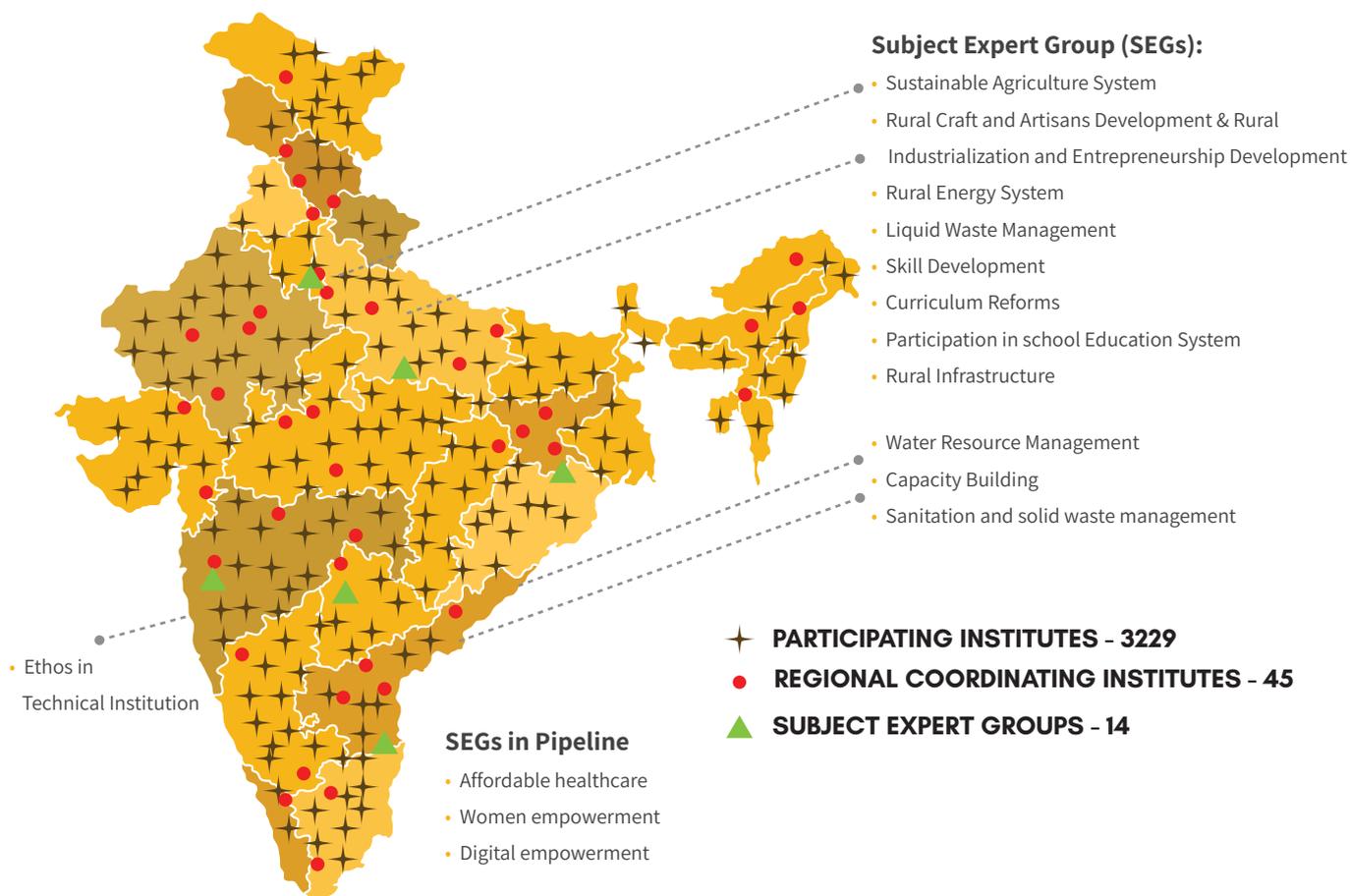


LAUNCH OF UNNAT BHARAT ABHIYAN (UBA- 2.0) ON APRIL 25TH, 2018 AT AICTE AUDITORIUM, NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI.



LAUNCHED BY SHRI JITENDRA SINGH, HON'BLE UNION MINISTER OF STATE OF THE MINISTRY OF SCIENCE AND TECHNOLOGY AND THE MINISTRY OF EARTH SCIENCES ON JANUARY 14, 2022

UNNAT BHARAT ABHIYAN FOOTPRINTS TILL 2022



- In line of UBA requirements, UGC has started two credit course on “Community Engagement & Social Responsibilities” for UG and PG students and setup 7 regional master training universities in the country.
- AICTE has started 100 hours “Rural Internship Programme” for all technical college

SOME SUCCESS STORIES OF **CHANGE MAKERS**



TRAINING ON APRICOT AND SEABUCKTHORN PRODUCTION AND PROCESSING IN LADAKH



MODEL NURSERY CONSTRUCTION



LEMON GRASS CULTIVATION



MUSHROOM CULTIVATION



DEVELOPMENT OF RIGID PAVEMENT ROAD NETWORK



DEVELOPMENT OF UNDERGROUND DRAINAGE SYSTEM



MOBILE HYDRAULIC LIFT



UNIVERSAL LOAD CARRIER TROLLEY



RASABEDA DRINKING WATER PROJECT UNDER RECHARGE



DEVELOPMENT OF DIGITAL CLASS ROOMS



SOLAR TUNNEL GREENHOUSE DRYER COUPLED WITH BIOMASS BACKUP HEATER



ZERO BUDGET OF NATURAL FARMING (ZBNF) IN DROUGHT EFFECTED VILLAGES



SOAK PIT CONSTRUCTION



SOLAR CUM ELECTRIC POWERED 'FAN GASIFIER' SMOKELESS CHULLAH



STUDENT SOLAR AMBASSADOR WORKSHOP



WOMEN ENTREPRENEURSHIP SUMMER INTERNSHIP TRAINING



PROMOTION OF HANDLOOM SKILLS OF VILLAGES



RENOVATION OF TOILETS IN PUTHUPATHI TRIBAL VILLAGE



CONSTRUCTION OF R.O. PLANT IN PATHAVARAKA VILLAGE



COLLECTIVE ACTION FOR RURAL EMPOWERMENT (CARE)



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, Delhi university	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	Dr. 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 Dev. & Rural Industrialization	Dr. Koumudi Patil, IIT Kanpur	kppatil@iitk.ac.in	0512-591493 / 598473
9	Rural Energy Systems	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. Indumati 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	3222282874

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

S.No.	Institute	Coordinator	E-mail	Region
1	Andhra University	Prof. Nagaraja	nagarajag918@gmail.com	East Andhra Pradesh
2	Sri Venkateswara Veterinary University, Tirupath	Dr. Kapa Sarjan Reddy	ubarcisvuu@gmail.com	Southwest Andhra Pradesh
3	North Eastern Regional Institute of Science and Technology (NERIST)	Prof. Pradip Lingfa	pradip.lingfa@gmail.com	Arunachal Pradesh
4	Indian Institute of Technology Guwahati	Prof. Srinivasan Krishnaswamy	srinikris@iitg.ac.in rcuba@iitg.ac.in	Assam, Meghalaya, Mizoram, and Nagaland
5	National Institute of Technology Patna	Dr. Kamini Sinha	uba.rci@nitp.ac.in	Bihar
6	National Institute of Technology Raipur	Dr. Sudhakar Pandey	uba@nitrr.ac.in	Chhattisgarh
7	Indian Institute of Technology Delhi	Prof. Priyanka Kaushal	priyankak@rdat.iitd.ac.in	Delhi and NCR
8	Indian Institute of Technology Gandhinagar	Prof. Pranab Mohapatra	pranabm@iitgn.ac.in	Gujarat
9	Sardar Vallabhbhai National Institute of Technology Surat	Prof. K.D. Yadav	rciuba@svnit.ac.in	Gujarat, Daman and Diu
10	National Institute of Technology Kurukshetra	Dr. Sathans	sathans@nitkkr.ac.in rcinitkkr@nitkkr.ac.in	Haryana
11	National Institute of Technology Hamirpur	Dr. Chander Prakash	chandermanali@gmail.com	Himachal Pradesh
12	IGNOU	Dr. S. K. Yadav	skyadav@ignou.ac.in	India
13	Indian Institute of Technology Jammu	Prof. Rakesh Singhai	rakesh.singhai@iitjammu.ac.in social.outreach@iitjammu.ac.in	Jammu & Ladakh
14	National Institute of Technology Jamshedpur	Dr. Ranjit Prasad	rciuba@nitjsr.ac.in	Jarkhand
15	IISc Bangalore			North Western, Karnataka
16	Karnataka University, Dharwad	Dr. N. Ramanjaneyalu	ubakud@gmail.com	Northern Karnataka
17	National Institute of Technology Srinagar	Dr. Mohammad Farooq Wani	mfwani@nitsri.net	Kashmir
18	IISER Thiruvananthapuram	Prof. M.P. Ranjan	rajanmp@iisertvm.ac.in ubarci@iisertvm.ac.in	North Eastern Kerala
19	Indian Institute of Technology Palakkad	Dr. Athira	uba@iitpkd.ac.in	Northern Kerala
20	Kerala Agriculture University	Dr. Jayasree Krishnankutty	ubakau.rci@gmail.com	Northern Kerala, Lakshadweep
21	Shri Govindram Seksaria Institute of Technology and Science, Indore	Dr. Milind Dandekar	mddandekar@gmail.com	Western Madhya Pradesh
22	Maulana Azad National Institute of Technology Bhopal	Dr. Pushpender Yadav	rci.ubamanit@gmail.com	Central Madhya Pradesh
23	Visvesvaraya National Institute of Technology Nagpur	Dr. A. V. Deshpande	unnatbharatabhiyan_rci@vnit.ac.in	Eastern Maharashtra

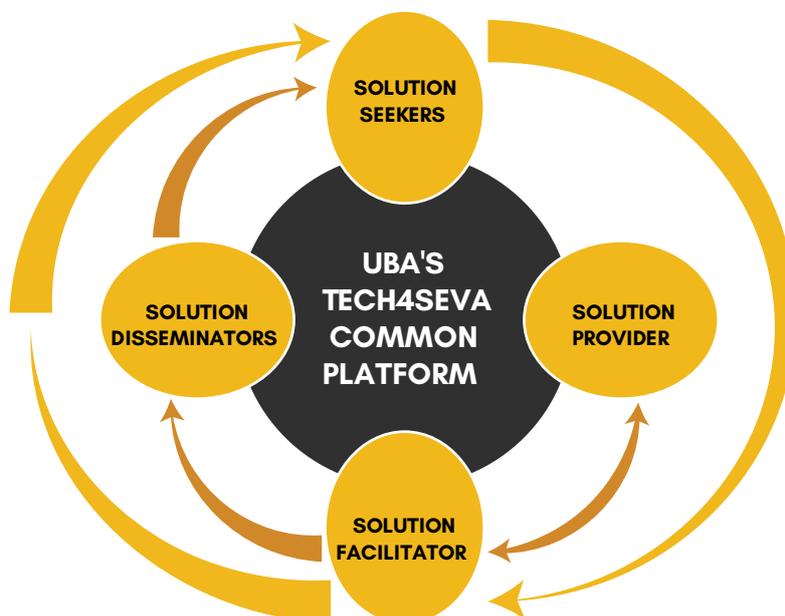
24	Sant Gadge Baba Amravati University	Dr. Manoj Kumbhare	uba_vidarbha@sgbau.ac.in	Eastern Maharashtra (Nagpur, Amravati Division)
25	Dr. Babasaheb Ambedkar Maratha wada University, Aurangabad	Dr. T.R. Patil	unnatbharatabhiyan@bamu.ac.in	Eastern Maharashtra (Aurangabad, Nasik Division)
26	Indian Institute of Technology Bombay	Prof. Anand Rao	ubaworkshopiitb@gmail.com	Western Maharashtra (Konkan and Pune division), Goa, Dadra and Nagar Haveli
27	National Institute of Technology Manipur	Dr. Albino Kumar	albinoiit@gmail.com	Manipur
28	National Institute of Technology Rourkela	Dr. R.K.Patel	uba.nitrkl@gmail.com	Orrisa
29	National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh	Dr Hemant Kumar Vinayak	hemant.vinayak@nitttrchd.ac.in rdnorth1@rediffmail.com	Punjab, Chandigarh
30	Indian Institute of Technology Jodhpur	Dr. Anand K. Plappally	anandk@iitj.ac.in	Center Rajasthan
31	Malaviya National Institute of Technology Jaipur	Dr. Namita Mittal	rci-uba@mnit.ac.in	Eastern Rajasthan
32	Maharana Pratap University of Agriculture and Technology (MPUAT) Udaipur	DR. P.K Singh	pksingh35@yahoo.com	Southern Rajasthan
33	Gandhigram Rural Institute, Dindigul	Dr. K. Ravichandran	rcubagri@gmail.com	Eastern Tamil Nadu
34	Tamil Nadu Agricultural University, Coimbatore	Dr. E. Soma Sundararn	business@tnau.ac.in ubarcitnau@gmail.com	Eastern Tamil Nadu
35	Indian Institute of Technology Madras	Prof. B.S.Murty	bsm@iitm.ac.in uba@iitm.ac.in	Tamilnadu, Pondichery, Andaman & Nicobar
36	National Institute of Rural Development and Panchayati Raj	Dr. Lakhan Singh	lakhan.nird@gov.in	Central Telangana
37	Mahatma Gandhi National Council of Rural Education (MGNCRE)	Mr.P.Sudheer Kumar	sudheer.mgncre@gmail.com	Southern Telangana
38	National Institute of Technology Warangal	Dr. G. Sunitha	uba@nitw.ac.in	Western Telangana
39	National Institute of Technology Agartala	Dr. Umesh Mishra	umeshmishra2010@gmail.com	Tripura
40	Dayalbagh Educational Institute (Deemed University), Agra	Dr. Ashok Jangid	Akashaykumarsatsangi@dei.ac.in uba.rci.dei@gmail.com	Western Uttar Pradesh
41	Indian Institute of Technology Kanpur	Prof. Sandeep Sangal	uba@iitk.ac.in	Eastern Uttar Pradesh
42	Indian Institute of Technology BHU	Prof. Shishir Gaur	ubarciitbhu@gmail.com	Eastern Uttar Pradesh
43	Indian Institute of Technology Roorkee	Prof. Ashish Pandey	ashisfwt@iitr.ac.in rciubaiitr@iitr.ac.in	Uttarakhand, Western Uttar Pradesh
44	National Institute of Technology Durgapur	Dr. Shri Krishan Rai	srikrishanrai4@gmail.com	West Bengal & Sikkim
45	Indian Institute of Technology Kharagpur	Prof. Rintu Banerjee	ubarci.iitkgp@gmail.com	Southern West Bengal

TECH4SEVA

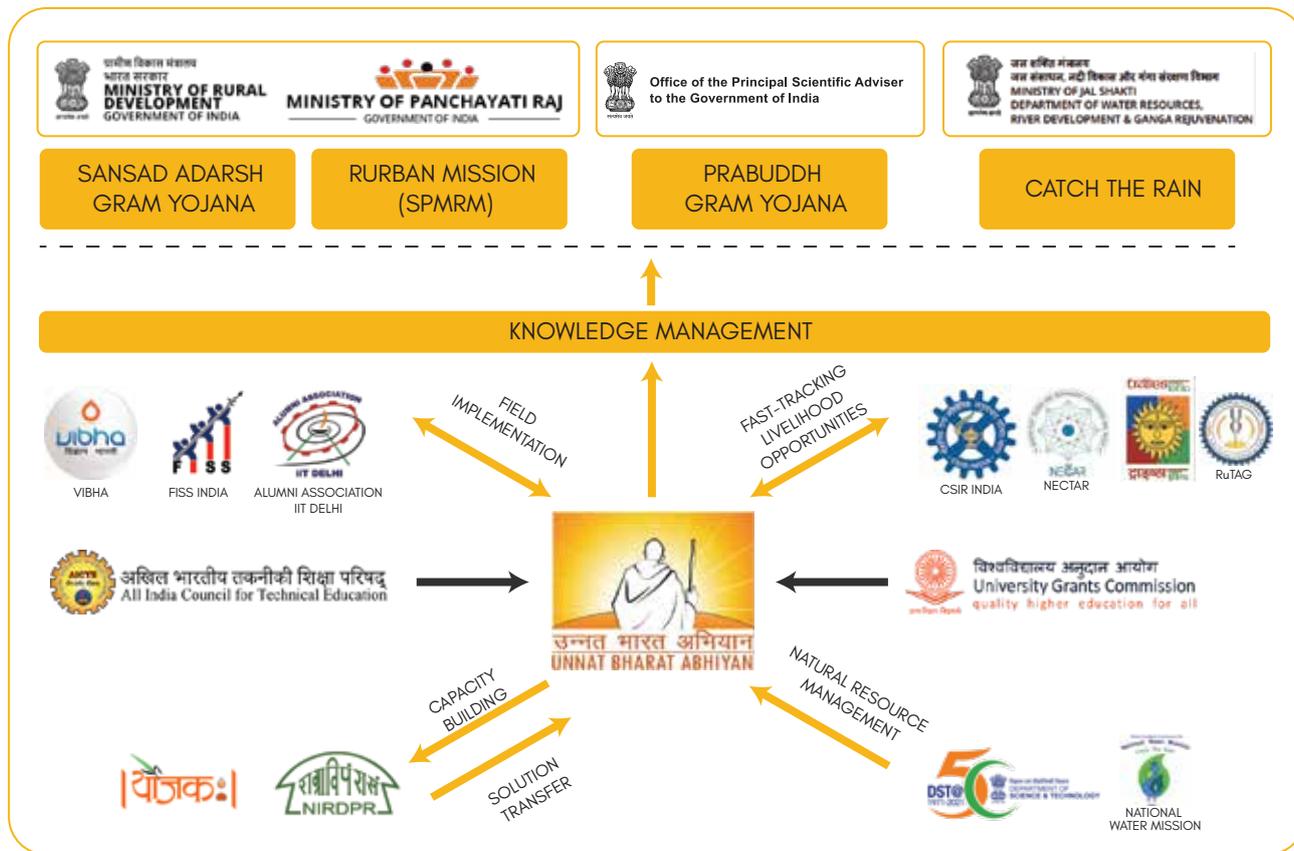
Technology Outreach as an Enabler for Inclusive & Sustainable Development.



- 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.
- One of the outcome of that three days’ workshop 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



UBA Nodal Officers' Contact Details

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National Coordinator, UBA

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