GOVERNMENT OF INDIA
MINISTRY OF EDUCATION
DEPARTMENT OF HIGHER EDUCATION

LOK SABHA

UNSTARRED QUESTION NO.297
ANSWERED ON- 05/02/2024

Unnat Bharat Abhiyan

297. DR. PRITAM GOPINATHRAO MUNDE:
SHRI RAHUL RAMESH SHEWALE:
SHRI CHANDRA SEKHAR SAHU:

Will the Minister of EDUCATION be pleased to state:

(a) whether the Government had launched Unnat Bharat Abhiyan for connecting Higher Education Institutions in the country with society and villages;

(b) if so, the objectives thereof along with the achievements made in this regard;

(c) the names of Higher Educational Institutions selected to participate in Unnat Bharat Abhiyan along with the financial assistance provided to them;

(d) the details of rural clusters selected for development by using eco-friendly sustainable technologies State-wise, particularly in Maharashtra; and

(e) the details of results achieved so far in regard to creation of sufficient employment opportunities in the process, harnessing multifarious Government schemes, customised use of existing technologies and use of knowledge as per the local needs?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF EDUCATION
(DR. SUBHAS SARKAR)

(a) & (b): Unnat Bharat Abhiyan (UBA) is a flagship scheme of the Ministry of Education launched in September 2014. It connects Higher Education Institutions (HEIs) in the country with the villages and local communities to identify challenges faced by the rural communities and to provide appropriate solutions to them. UBA aims to associate students closer to the village communities and with other government organizations with the ultimate goal of sensitizing students about the socio-economic conditions of villages.

It has created a nationwide network of stakeholders, viz., HEIs, government organisations, youth, NGOS, etc., to work across more than 16,000 villages for the transformation of rural processes with a participatory approach. To further support UBA, All India Technical Council

of Education has also introduced rural Internship program for Degree and Diploma courses and UGC launched a 2-credit course in Community Engagement in all HEIs in 2021. UBA has also been able to sign multiple Memorandum of Understandings (MoUs) with government organisations for providing support with respect to the scheme mandate.

(c) & (d): The UBA scheme covers 3651 HEIs, called Participating Institutions (PIs), and include institutes of repute, like, Indian Institutes of Technology (IITs), Indian Institutes of Management (IIMs), Indian Institutes of Science Education and Research (IISERs), Indian Institute of Science (IISc), All India Institute of Medical Sciences (AIIMS), besides State Universities, etc. UBA scheme focuses on technical interventions. Budgetary provisions of upto Rs.1,00,000/- and upto Rs.50,000/- are provided to an institute in the case of technology dissemination and technology customization, respectively. In the State of Maharashtra, there are 622 PIs working in 3125 villages. Details of all the PIs in all the States, including State of Maharashtra, are placed at: https://unnatbharatabhiyan.gov.in/list-participating-institutes. Further, the District and villages covered under the 46 technological intervention proposals in the State of Maharashtra are placed at Annexure-I to this reply.

(e): UBA primarily aims to provide practical knowledge/traditional wisdom to the students and faculty of HEIs in addition to the academic knowledge. The engagement of HEIs- on the ethos of **knowledge sharing, participatory approach and convergence-** with the rural youth and communities has empowered the communities, and helped in raising students' awareness about challenges being faced by rural communities. UBA has collaborated with organizations like North East Centre for Technology Application & Reach (NECTAR), Council for Scientific and Industrial Research (CSIR), National Cooperative Union of India (NCUI), Tribal Cooperative Marketing Development Federation (TRIFED), etc., and organized workshops/events for livelihood creation through knowledge dissemination, technology transfer, etc. Some of the start-ups established under the scheme have been able to raise funds under these MoUs. A compendium comprising of 82 technologies deemed fit for application in rural areas, has also been released under an MoU with CSIR. Projects like organic livestock feed and biofertilizer aimed at increasing milk yield of 150 cattles; mushroom cultivation, oil extraction; automated hydroponic farming; thread winding machine for weavers; zero budget natural farming in drought affected villages; etc., are some examples of UBA interventions, which are aimed at addressing the livelihood and other local needs of the rural youth and communities.

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Annexure-I

Annexure referred to in part (c) & (d) of the reply to the Lok Sabha Unstarred Question No. 297 answered on 05.02.2024 asked by Dr. Pritam Gopinathrao Munde, Shri Rahul Ramesh Shewale and Shri Chandra Sekhar Sahu, Hon'ble Members of Parliament regarding 'Unnat Bharat Abhiyan'.

District and Village details of technological proposals approved under UBA for Maharashtra

SN	Participating Institute Name	PI Name	Project Title	Subject Expert Group	Districts	Name of village where it is implemented
1	All India Shivaji Memorial Societys College of Engineering, Pune	Dr Nana N Shejwal	Onion Harvesting Machine	Sustainable Agriculture System	Pune	Malvandi
2	Bajaj Institute Of Technology, Wardha, Maharashtra	Dr. V. N. Bhusari	Installation of solar micro grid in school building	Rural Energy Systems	Wardha	Takali
3	Government College of Engineering And Research ,Avasari, Pune, Maharashtra	Mangesh Panchal	Assembly and Distribution of Solar Study Lamp in Colleges in Schools	Rural Energy Systems	Pune	Khadaki
4	Government College of Engineering Nagpur	Dr. Latesh Bhagat	Mobile based on/off controller for 3 phase motor	Rural Energy Systems	Nagpur	Wela
5	Government College of Engineering Nagpur	Dr. Latesh Bhagat	Smart Compost Bin	Sanitation & Solid Waste Management	Nagpur	Khapri
6	Government College of Engineering Nagpur, Maharashtra	Dr. Latesh Bhagat	Solar based electric supply system with backup for community hall	Rural Energy Systems	Nagpur	Shankarpur
7	Government College of Engineering Nagpur, Maharashtra	Dr. Latesh Bhagat	Cattle Care & Monitoring System	Sustainable Agriculture System	Nagpur	Dahegaon
8	Prof Ram Meghe College of Engineering & Management, Badnera	Mr. Sarang M. Dhawade	Solar Assisted Automatic Seed Sowing Agribot	Rural Energy System	Amravati	Madan
9	Prof Ram Meghe College of Engineering & Management, Badnera Rly	Mr. Sarang M. Dhawade	Crop protection from wild animals around farms	Sustainable Agriculture System	Amravati	Dhamak

10	Prof Ram Meghe College of Engineering & Management, Badnera Rly	Mr. Sarang M. Dhawade	Tractor fuel theft detection system	Sustainable Agriculture System	Amravati	Anjangaon Bari
11	Rajarambapu Institute of Technology, Rajaramnagar, SAKHARALE	Prof S S Kumbhar	Development of integrated Multi size and multi item semiautomatic papad and chapatti making machine	Rural Energy Systems	sangli	Bhilawadi
12	Rajarambapu Institute of Technology, Rajaramnagar, SAKHARALE	Prof S S Kumbhar	Innovative technology to control moisture of fresh harvested soybean	Sustainable Agriculture System	Sangli	Bavachi
13	Rajarambapu Institute of Technology, Rajaramnagar, Sakharale	Prof S S Kumbhar	Low cost sewage treatment plant in Hazarwadi	Sanitation & Solid Waste Management	Sangli	Hazarwadi
14	Sandip Institute Of Technology And Research Center Nasik Maharastra	Prof. Praful Ananda Shinkar	Development of biogas plant for foodwaste disposal	Sanitation and Solid Waste Management	Nasik	Mahiravani
15	Sb Jain Institute Of Technology Management And Research, Yerla	Dr. Pankaj Thote	Design of Composter	Sustainable Agriculture System	Nagpur	Pardi
16	Shree Hanuman Vyayam Prsarak Mandal's College of Engineering & Technology, Amravati	Dr Ujwala A Kshirsagar	Environment Controlled, Automated Green House for High Valued Aggro Produce in Vidarbha Region	Sustainable Agriculture System	Amravati	Dabha
17	Shree Hanuman Vyayam Prsarak Mandal's College of Engineering & Technology, Amravati	Dr Ujwala A Kshirsagar	Double Layered environment controlled automated Green house with light dependent flipped roof system	Sustainable Agriculture System	Amravati	Mulkhed
18	Shree Hanuman Vyayam Prsarak Mandal's College of Engineering & Technology, Amravati	Dr Ujwala A Kshirsagar	Maintenance and training to reutilize for all unused green house in villages.	Rural Infrastructure	Amravati	Dabha and Dhamori

19	Shree Hanuman Vyayam Prsarak Mandal's College of Engineering & Technology, Amravati	Dr Ujwala A Kshirsagar	Sanitation and solid-liquid waste management from individual usage (through toilets/bathrooms) in rural areas	Sanitation and solid-liquid waste managemen t	Amravati	Pimpalgao n Bainai,
20	SKN Sinhagad Colleg Of Engineering Korti Tal Pandharpur Dist-Solapur	Swanand Gajanan Kulkarni	Utility based Bio gas plant running on solid waste in Gram Panchayat area for use of renewable energy	Rural Energy System	Solapur	Korti
21	St. Vincent Palloti College Of Engineering And Technology, Warha Road	Dr. S.S.Limaye	Electronics Chlorophyll reader for proper harvesting decisions	Sustainable Agriculture System	Nagpur	Dongargao n
22	Symbiosis International University, Pune	Lelith Daniel	Promoting Sustainable Waste Management Practices using 'NisargLaxmi' Concept to Support Cleanliness, Health and Sanitation in the SIU Adopted Villages	Sanitation and Solid Waste Managemen t	Pune	Mulkhed
23	Shree Hanuman Vyayam Prsarak Mandal\'s College of Engineering & Technology, Amravati		Low cost UV light Sanitary Model development to sanitize all incoming goods/ supplies for Villages before mass distribution	Others/Covi d-19	Amravati	
24	KVPS, Maharani Ahilyabi Holkar College of Pharmacy, Boradi	Mr. Satish K. Patil	To Opening Pathology laboratory at Adopted Village Area	Others	Dhule	Wadi
25	Amrutvahini College of Engineering,Sanga mner,Maharashtra	Dr.Vishnu D. Wakchaure	Self Propelled Multipurpose Onion Harvester	Agriculture	Ahmedna gar	Sukewadi, Gunjalwadi
26	Motiwala(National) Homoeopathic Medical College and Hospital	Dr. G. B. Prasad	Bore well	Water Resources	Nashik	Devargaon

27	Rajarambapu Institute of Technology Rajaramnagar	Dr. Shridhar Kumbhar	Villagers Grievance Redressal: E-Complaint management system	Others	Sangli	Junekhed
28	Vishwakarma Institute of Information Technology , Pune	Prof. Devika Verma	Design, Development and Manufacturing of Rice De-Husking Machine as Per Requirement of Village	Agriculture	Pune	Jamgaon
29	Rajarambpu Institute of Technology, Rajaramnagar	Dr. Shridhar S. Kumbhar	Advanced Sewage Treatment by Using Polymer and Graphene Coated Filter System	Liquid Waste Managemen t	Sangli	Bhilawad, Junekhed, Bavachi
30	Padm. Dr. V. B. Kolte College Of Engineering	Sadashiv Lawange	Design and Fabrication of Photovoltaic-Thermal (Pvt) Single Slope Solar Dryer for Drying of Fried Potato and Banana Wafers	Rural Energy	Buldhana	Dharangao n and Narwel
31	G H Raisoni College of Engineering,Nagpu r	Dr. Kuldeep Dabhekar	Smart Chairside TMJ Examination and Muscle Activity Detector Tool“ Easy way to know the onset of oral cancer (Mukh kark rog ki shurwat ko janane ka asan tarika)	Others	Nagpur	Hingna Nagpur
32	Arts, Commerce and Science College, Maregaon	Dr. N. R. Pawar	Installation of Auto Controlled Solar LED Street Lights	Others	Yavatmal	Karanwadi , Mangarul, Kolgaon, Nawargao n, Wegaon
33	Jawaharlal Darda Institute of Engineering & Technology, Yavatmal, M.S., India	Dr. S. K. Soni	Cow Urine Distillation Plant for Villagers	Agriculture	Yavatmal	Hiwari (Arjuna)

34	Shri Ramdeobaba College of Engineering and Management, Nagpur	Dr. P. V. Kapoor	Development of Solar Powered Eggs Incubator with Battery Backup for Backyard Poultry Farming.	Agriculture	Nagpur	Muradpur, Bendoli
35	Jhulelal Institute of Technology	Dr. Mayuri Chawla	Rain Water Harvesting	Water Resources	Nagpur	Bailwada
36	Prof Ram Meghe College of Engineering & Management, Badnera Amravati	Mr. S. M. Dhawade	Rain water harvesting to ZP Middle school building, Dahegaon	Water Resources	Amravati	Dahegoan
37	Government College of Engineering Nagpur	Dr. Jasmirkaur B. Randhawa	Village Waste Water Treatment	Liquid Waste Management	Nagpur	Velahari, Shankarpur, Khapri, Dahegaon, Kalkuhi
38	KVPS, Maharani Ahilyabi Holkar College of Pharmacy, Boradi	Mr. Satish K. Patil	To provide sanitary napkin vending machine to girls and womens in adopted villages (An initiative to improve health status of the adolescent girls and women in rural areas)	Others	Dhule	New-Boradi , Malkatar, Wadi, Budaki , Gadad Dev
39	Sandip institute of Technology and Research Centre, Nashik	Prof. Virendrakumar B. Patil	Installation of Lighting Arrestor	Others	Nashik	Jategaon
40	N.D.M.V.P. Samaj KBT College of Engineering, Nashik, Maharashtra	Dr. Ashwini Khemchand Patil	Off-Grid Solar Power System for school	Rural Energy Systems	Nashik	Udoji Maratha
41	Vivekanand Education Society's Institute of Technology	Dr. Manisha Joshi	Surya Sakshamta: Pragati Ka Sulabh Marg	Rural Energy Systems	Mumbai City	Chembur

42	Hirasugar Institute of Technology, Belagavi, Karnataka	Dr. S.N. Topannavar	Advanced Community Solar Dryer for Agro Products	Sustainable Agriculture Systems	Belgaum	Kesti, Ammanagi, Nidasoshi, Borgal, Hattarwat
43	G. H. Raisoni College of Engineering, Nagpur	Dr. Kuldeep Dabhekar	Design and Development of Banana Fiber Extractor Machine	Others	Nagpur	Ridhora
44	G. H. Raisoni College of Engineering, Nagpur	Dr. Kuldeep Dabhekar	Design and Development of Cocopeat and Biomass making machine	Others	Nagpur	Tidangi
45	Cummins College for Women, Nagpur	Dr. Yogesh Dandekar	Fabrication of energy efficient cooling chamber for small scale farmers	Rural Energy Systems	Nagpur	Sukli, Mandva, Salaimendha
46	Government College of engineering, Nagpur	Dr. Jasmir Kaur B Randhawa	Boiling of Turmeric Using High Parabolic Trough Solar Collector	Sustainable Agriculture Systems	Nagpur	Khapri

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