

UNNAT BHARAT ABHIYAN

A Flagship Programme of Ministry of Education
Government of India



सत्यमेव जयते
Ministry of Education
Government of India

उन्नत भारत अभियान
UNNAT BHARAT ABHIYAN



RCI ANNUAL PROGRESS REPORT FINANCIAL YEAR 2020-21



राष्ट्रीय प्रौद्योगिकी संस्थान श्रीनगर

NATIONAL INSTITUTE OF TECHNOLOGY SRINAGAR

(An autonomous Institute of National Importance under the aegis of Ministry of Education, Govt. of India)

हजरतबल, श्रीनगर जम्मू और कश्मीर, 190006, भारत

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“If we have to build the nation, we have to start from the villages”

Hon. PM, Shri Narendra Modi

Brief Introduction:

Unnat Bharat Abhiyan (UBA), a flagship Programme of Ministry of Education, Govt. of India is an exceptional, highly challenging and very much cherished initiative that aims to enrich Rural India.



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.

Mission

The Mission of Unnat Bharat Abhiyan is to enable higher educational institutions to work with the people of rural India in identifying development challenges and evolving appropriate solutions for accelerating sustainable growth. It also aims to create a virtuous cycle between society and an inclusive academic system by providing knowledge and practices for emerging professions and to upgrade the capabilities of both the public and the private sectors in responding to the development needs of rural India.

Objectives

- To build an understanding of the development agenda within institutes of Higher Education and an institutional capacity and training relevant to national needs, especially those of rural India.
- To re-emphasize the need for field work, stake-holder interactions and design for societal objectives as the basis of higher education.
- To stress on rigorous reporting and useful outputs as central to developing new professions.

- To provide rural India and regional agencies with access to the professional resources of the institutes of higher education, especially those that have acquired academic excellence in the field of science, engineering and technology, and management.
- To improve development outcomes as a consequence of this research. To develop new professions and new processes to sustain and absorb the outcomes of research.
- To foster a new dialogue within the larger community on science, society and the environment and to develop a sense of dignity and collective destiny.

UBA has adopted a systematic approach to identify the problem existing in rural areas. UBA has rightly involved technical institutions and higher education institutes for implementation of the UBA policies in the adopted villages to transform into modern village.

At the initial stage, these selected institutes adopt villages in their vicinity in order to transform them into modern villages. Subsequently, village survey and house hold survey of the adopted villages is being carried out, this enables to identify the problem existing in these adopted villages. Coordinators of the adopted village bridges the gap between technical institutes and then implementing agencies of various schemes of Government of India.

Nevertheless, the village development committee is also encouraged to participate in the development of village. From above surveys conducted, it is possible to take necessary steps for improving, Health system, Education system, Pure drinking water, Unemployment, Women upliftment, Sustainable Agriculture Etc.

UBA at NIT Srinagar

National Institute of Technology (NIT) Srinagar is participating in various activities of UBA since 2016. NIT Srinagar signed MOU with National Coordinating Institute, IIT Delhi in 2017 to implement the policies of UBA in the UT of J&K. Initially, NIT Srinagar was working with the National Coordinating Institute (UBA) as a Participating Institute from the UT of J&K. NIT Srinagar has been declared as Regional Coordinating Institute (RCI) for Kashmir Region in the UT of J&K.

Initially, five following villages were adopted by NIT Srinagar for transforming these villages into model villages in the Kashmir region. These villages are located in five districts of the Kashmir region.

- 1) Nanibough (Kulgam)
- 2) Gutligund (Anantnag)
- 3) Fakir Gujri (Srinagar)
- 4) Puchal (Pulwama)
- 5) Muqam (Budgam)

Prof. M F Wani (HAG Professor Mechanical Engineering Department) is an active member of National Executive Committee (NEC) of UBA since 2019. NEC is responsible for the framing of the policies of the UBA and its implementation at the National level.

Earlier, NIT Srinagar has organized One Day Orientation Workshop for PI'S and District Collectors in the month of Feb 2020 in which 80 PI Coordinators and representatives of District Administration participated.

Under UBA program, government schools of the adopted villages are to be transformed into model schools. The facilities in these schools are to be upgraded in terms infrastructure and laboratories. Students of these schools are to be given computer and scientific education. In addition, it has been identified to establish tinkering laboratories in these schools. One such lab has been already established in Middle School Nanibough district Kulgam, adopted by NIT Srinagar.

NIT Srinagar has donated 80 computers to the schools for establishing computer labs. A total of 80 desktops that have been donated till date, costs around Rs 12, 07,000 (Rupees Twelve Lac and Seven Thousand Only). Also 60 number of UPS's have been donated along with the computer systems. A visit of students of Middle School of adopted village Nanibough was arranged by NIT Srinagar. Students and teachers of the school visited various scientific laboratories and scientific facilities available in NIT Srinagar.

Moreover, NIT Srinagar has also distributed dustbins to one of the adopted villages for the collection of solid waste.

NIT Srinagar has already registered 16 Degree College of 08 districts of Kashmir Region for UBA during the year 2019 and 2020. The 16 institutes are registered as PIs in the UBA. All these institutions have to adopt at least five villages in their respective districts. These adopted villages are to be transformed as model villages. NIT Srinagar is providing technical support to all the institutions for the implementation of various activities of UBA in the adopted villages. These 16-degree colleges have already completed the registration with UBA and have also initiated the process of adopting villages. Besides, Cluster University, Kashmir, Sher e Kashmir University of

Agriculture Sciences and Technology (SKAUST) and Islamic University of Science and Technology (IUST) are working with NIT Srinagar for implementation of UBA activities in the Kashmir region.

At Unnat Bharat Programme (UBA) provides funds under following two schemes to the Participating Institutes (PIs) for carrying out various activities of the UBA in the adopted villages.

- Technical Intervention up to INR 1.0 Lac for each submitted project.
- Technical Customization up to INR 0.5 Lac for each submitted project.

Surveys Conducted:

NIT Srinagar has already conducted two surveys, household survey and village survey. These surveys were conducted comprehensively by the team of workers hired by NIT Srinagar. The data of surveys have already been uploaded on the UBA website (unnatbharatabhiyan.gov.in). Based on these surveys, problems have been identified which are being solved for transforming these villages into modal villages.

Gram Sabha Meetings:

NIT Srinagar holds Gram Sabha meetings with the villagers from time to time. Four Gram Sabha meetings were held in the FY 2020-21 by the coordinators to monitor the progress of various activities taken up under UBA in these villages. Also NIT Srinagar holds meetings with village development committee (VDC) to monitor the progress of various activities.

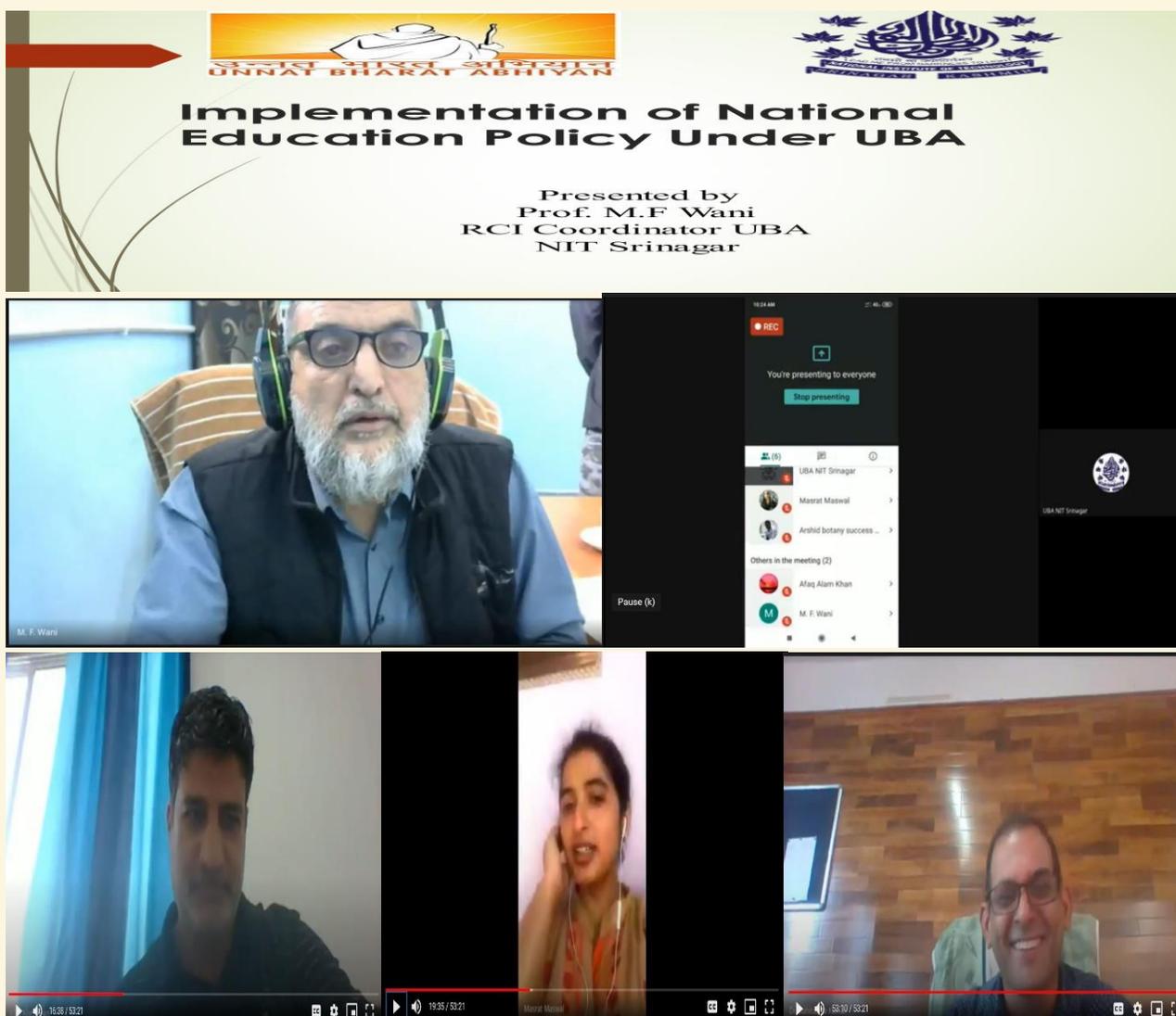


Perennial Assistance Fund:

In view of the satisfactory performance in terms of overall parameters, NIT Srinagar has been awarded Perennial Assistance Fund of Rs.1.75 lacs on 15-Aug-2020. This fund is being utilized for development of villages.

Webinars Conducted on NEP 2020:

UBA Cell NIT Srinagar organized online webinar on the awareness and implementation of National Education Policy-2020 for all Participating Institutes (PI's) of the Kashmir region on 22-09-2020. Prof M F Wani Regional Coordinator UBA lectured on the awareness and implementation of NEP 2020 in adopted villages and also stressed to conduct surveys and upload it on UBA website.



Constitution of Committee:

Higher Education Department, Government of Jammu and Kashmir constituted comprising of following members for implementation of various activities under Unnat Bharat Abhiyan in the UT of Jammu and Kashmir.

1. Prof Muhammad Yousuf Peerzada (Director Colleges, J&K)
2. Prof M F Wani (Regional Coordinator UBA, NIT Srinagar)
3. Dr. Gaurav Bhaduri (Regional Coordinator UBA, IIT Jammu)
4. Prof. Yasmeen Ashai (Nodal Principal, GCW M.A. Road, Sgr)
5. Prof. Ravinder Tikoo (Nodal Principal, GGM Science College, Jammu)
6. Dr. Vikas Dhar Bagati (Deputy Secretary, Higher Education Department)

A meeting in this regard was held on 25-01-2021 through virtual mode.



SEG Project Proposals:

National Institute of Technology Srinagar has submitted 11 SEG Project Proposals till date. These projects will help in providing expert solutions to region-specific problems. These submitted projects are under review. The submitted proposals are listed below:

Technology Development Proposals	
Serial no.	Title of the proposal
1	Sustainable Water Drinking Water using Existing Spring Water.
2	Harnessing energy from the available source in villages of the Kashmir valley.
3	Cutting and tailoring Training center for Woman.
4	E-Health Query System.
5	Removal of micro pollutants from river/spring water using nanocomposite filter.
6	Solar Dryer for Farmers to dry and converse of agricultural products
7	Low Cost lot smart helmet for safety of bike rider and pillion rider in villages/city areas.
8	Ambur
Technology Customization Proposals	
Serial no.	Title of the proposal
1	Smart Class Room
2	Solar Street Lights
3	Establishment of Computer Laboratory

Establishment of Cutting and Tailoring Training Center:

Cutting and tailoring training center is being established at one of its adopted village Nanibough in Kulgam district of Jammu and Kashmir. In connection to this, items like sewing machines and interlock machines etc are being procured for setting up of the center. The Social Welfare Department of J&K Government has also deputed one lady trainer for the center. The space for setting up of the center has been also provided by Village development committee (VDC).

It is pertinent to mention that NIT Srinagar has already submitted the project for the establishment of Cutting and Tailoring center in adopted village to SEG and the status of project is under review.

Water Cleaning Drive:

NIT Srinagar being the Regional Coordinating Institute (RCI) for Kashmir region, carried out water cleaning drive in one of its adopted village Nanibough. Earlier, Prof. M F Wani, Regional Coordinator UBA, NIT Srinagar visited the adopted village and observed that water canals in the village is blocked due to solid wastes and same is creating problem for the inhabitants of the village. In order to mitigate this problem, RCI NIT Srinagar organized a meeting with Village Development Committee. The village committee requested NIT Srinagar to conduct a water cleaning drive at adopted village Nanibough (Kulgam) under UBA scheme.

Regional Coordinator UBA took one requisite step towards the request submitted by Village Development Committee and conducted water cleaning drive from 14.04.2021 to 17.04.2021 in collaboration with VDC, Nanibough. Manpower of 13 labors were hired for a period of 04 days for cleaning the various streams existing in adopted village. The inhabitants appreciated the drive carried by the UBA Cell of NIT Srinagar and showed gratitude for their support. Further, villagers also requested that such cleaning drives may be conducted in future also.





OFFICE OF THE REGIONAL COORDINATOR UNNAT BHARAT ABHIYAN

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