

## INTRODUCTION AND OBJECTIVES

Unnat Bharat Abhiyan (UBA) is a flagship programme of MHRD, GoI started in 2014 with a vision to achieve the target of Unnat Bharat (Developed India) through the growth and development of Indian villages. Under UBA it has been planned that all technical and higher institutions like IITs, IIMs, NITs, NITTTRs, IISc Bangalore and all other colleges and polytechnics working under central universities, UGC, AICTE, ICAR, ICMR will join hands together to actualize this mission. Each participating institute (PI) has developed a cluster of five villages in its vicinity with various technical interventions as per local requirements. Through UBA, the dream of Mahatma Gandhi to achieve Gram Swaraj at one end and dream of Developed Nation by our leaders like Dr A P J Abdul Kalam have been integrated to strengthen the Indian Economy. India has about 6.40 lakh villages spread over 329 Million Hectares of diverse geographical area having a wide natural and cultural bio-diversity. In the era when the whole world is facing major challenges of Climate Change due to carbon emission and pollution as a result of anthropogenic development process, we have to chalk out a judicious plan of sustainable rural development empowering the rural poor, artisans, farmers, tribes and women.

With the above background the major Sub-themes of the Seminar would be:

## SUB-THEMES

- ❖ **Sustainable Agriculture:** Composting and Bio-fertilizer preparation, Soil Health Management, Natural Farming, Organic Farming, Dairy Farming of Desi Cows, Bio-dynamic Farming, Permaculture, Marketing of Rural Produce and Products
- ❖ **Participatory Rural Development:** Participatory Micro-planning, Role of PRIs in UBA Case Studies of Participatory Development
- ❖ **Empowerment of Rural Artisans and Grassroots Leaders:** Recognition of Prior Learning, Identification of rural artisans and their certification, skills development, self-help groups, tribal development and interventions, Identification of grassroots leaders
- ❖ **Protection of Tribes and Forest Ecology and Bio-diversity:** Himalayan Bio-diversity, Himalayan River Management, Hilly and Forest Areas Development, Empowerment of Tribes, Marketing of Forest Produce and encouraging entrepreneurship among tribes and forest dwellers.
- ❖ **Natural Resource Management:** Watershed Management, Rainwater Harvesting, Forest Management and Plantation, Agro-forestry
- ❖ **Water, Sanitation, Health and Hygiene:** Wastewater treatment, Sewage Water Management, Drinking Water, toilets and drainage, River Pollution check,
- ❖ **Rural Healthcare System:** Role of NRHM, Rural Healthcare, Healthy Food and Diet, Nutrition and Health, Alternative Medicine of AYUSH, para medical staff training, strengthening rural healthcare system
- ❖ **Renewable Energy System:** Solar Technologies and their application, Bio-gas technology and its application, Green Energy technologies and Green enterprises, Micro-hydel projects

## SEMINAR TEAM

**Chief Patron:** Dr S S Pattnaik, Director, NITTTR Chandigarh

### Advisors:

Prof Vijay Bhatkar, Chancellor, Nalanda University, Patna  
Prof M P Poonia, Vice Chairman, AICTE, New Delhi  
Prof V K Vijary, Head and National Co-ordinator, UBA

### Programme Convener:

- Dr U N Roy, Professor and Head, Department of Rural Development
- Dr Poonam Syal, Associate Professor, Department of Rural Development

### Expert Groups:

- Dr Satyawati Sharma, Professor, IIT Delhi
- Dr Vivek Kumar, Professor CRDT, IIT Delhi
- Dr Arvind K Bhatt, Biotechnology, HP Univ, Shimla
- Dr R K Soni, Regional Director, AICTE, Chandigarh
- Dr Priyanaka Kaushal, IIT Delhi
- Dr Sanjay Sharma, Prof and Head, Department of Civil Engineering, NITTTR, Chandigarh
- Dr Randhir Rangta, IHS, HP University, Shimla
- Dr B S Negi, IHS, HP University, Shimla
- Dr R S Negi, Head, Rural Technology, HNB Garhwal, University

## METHODOLOGY

Two days national programme will be organized in collaboration with IIT Delhi and AICTE inviting a galaxy of scientists, development professionals, technical experts, rural artisans and grassroots leaders to discuss and debate on the given sub-themes. Selected research papers and case studies of practical work will be presented during the two days seminar in various technical sessions. A two days' exhibition of rural artisans, organic farmers and Self Help Groups will also be organized in collaboration with the national agencies like NABARD, TRIFED, KVIC and DST.

## PARTICIPANTS

Faculty members from, IITs, NITs, Engineering Colleges, Polytechnics and Colleges under UGC for UBA, NGOs, SHGs members, Social Activists, Environmentalists etc.

## IMPOTANT DATES

- **Registration Fee** Rs. 500 for the UG/PG Students, Farmers, Social Activists, Environmentalists and Rs. 1500 for Research Scholars, Teachers and Scientists
- **Last date of Registration:** 5<sup>th</sup> Nov 2019
- **Submission of Abstract on given sub-themes:** 15<sup>th</sup> October, 2019
- **Selection of abstracts and Confirmation:** 25<sup>th</sup> October, 2019

## ACCOMMODATION

Requests for accommodation will be entertained on first-cum-first serve basis only for selected participants. They would be provided accommodation at the Hostel and Guest House of the NITTTR Chandigarh subject to availability.

## Registration Form

### National Seminar on

### Unnat Bharat Abhiyan: Prospects and Challenges

at

NITTTR, Chandigarh-160 019

**28 – 29 November 2019**

1. Name \_\_\_\_\_  
Profession \_\_\_\_\_  
Designation \_\_\_\_\_  
Discipline/Branch \_\_\_\_\_  
Email: \_\_\_\_\_  
Office tel No/Mobile no. \_\_\_\_\_
2. Name of the Institution: \_\_\_\_\_
3. Address for correspondence: \_\_\_\_\_
4. Category of institution you belong to (Please tick)  
(a) Government (b) Government Aided (c) Self-financed  
(d) NGO (e) Others
5. Educational qualification (e.g. BE/ME, MBA/MSc/PhD) \_\_\_\_\_
6. Experiences (a) Teaching \_\_\_\_\_  
(b) Industrial or others \_\_\_\_\_
7. Place and Date \_\_\_\_\_  
( \_\_\_\_\_ )  
**Signature of the Candidate**
8. Name, Signature and seal of the **sponsoring authority**  
(HOD/Principal/director of the institution)  
( \_\_\_\_\_ )

**[Last Date of Registration is 5<sup>th</sup> November 2019]**

**Note: Registration Fee Payable to The Director, NITTTR, Chandigarh by DD or online transaction to the Account No.55105008209, State Bank of India, Sector 26, Chandigarh RTGS/NEFT/IFSC Code: SBIN0050116.. You may send receipt/detail of online transaction along with this application.**

## Beautiful City and Beautiful NITTTR Campus



### CHANDIGARH – THE CITY BEAUTIFUL

Located at 270 km north-west of New Delhi, City Beautiful Chandigarh, a well-planned and one of the fastest growing metropolitan cities of modern India, has emerged as an ideal Education and Training Centre in recent times. The city is a hub of many R&D projects, academic and industrial institutions including: SCL, Terminal Ballistic Research Lab, Snow & Avalanche Studies Institute, BEL, Software Technology Park, C-DAC, Medical and Engineering Colleges, Post Graduate Medical Institute, Central Scientific Instruments Organization etc. The city also offers pleasing sights in Rose Garden, Botanical Garden, Topiary Park, Terrace Garden, Rock Garden, Capital Complex, Museum and Art Gallery, Sukhana Lake etc.

### ABOUT THE INSTITUTE

Since its inception in 1967, NITTTR (formerly TTTI) Chandigarh has made rapid strides in the areas of engineering and technology and emerging areas like computer, educational technology, entrepreneurship development, rural development, industry-institute interaction and educational management. Presently, the institute conducts more than 300 short-term training programmes annually for polytechnics and engineering colleges teachers, professionals and managers of industries. The institute also conducts a large number of AICTE sponsored Summer and Winter Schools every year. The institute offers five postgraduate programmes in engineering through regular and modular modes. In addition to education and training programmes, the institute renders extension services, undertakes research and development projects, Consultancy Projects, MOOCs Programmes and develops print and non-print instructional material.

### ADDRESS FOR CORRESPONDENCE

Dr U N Roy, Professor and Head/  
Dr Poonam Syal, Associate Professor  
Department of Rural Development

National Institute of Technical Teachers' Training and  
Research

Sector 26, Chandigarh 160 019

Tel: 0172-2792369 (Director), 2791349, 2791351, 2790422-425

Fax: (0172) 2793893, 2791366

E-mail: [rdnorth1@rediffmail.com](mailto:rdnorth1@rediffmail.com), [unroy2000@yahoo.com](mailto:unroy2000@yahoo.com)

Note: *Advance copy of application can be emailed to above addresses for immediate action*

## National Seminar on Unnat Bharat Abhiyan: Prospects and Challenges

28 – 29 November 2019



National Institute of  
Technical Teacher training and Research

**An ISO 9001: 2015 Certified Institute**

[Ministry of Human Resource Development, Govt of India]

Sector 26, Chandigarh 160 019