

PATRON

Prof. Shyam Lal Soni
(Director, NIT Uttarakhand)

CONVENER

Dr. Kranti Jain (Head)

COORDINATORS

Dr. Aditya Kumar Anupam
Dr. Smita Kaloni

MEMBERS

Dr. Vikas P. Singh Mr. Bibhash Kumar
Mr. Shashi Narayan Mr. Shashank Bhatra
Mr. Laiju A.R. Mr. Muskan Mayank
Mr. Amardeep Mr. Abhinav Kumar
Mr. Neeraj Kumar

CONTACT

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NIT UTTARAKHAND

National Institute of Technology, Uttarakhand is located in the hilly terrain of Srinagar, Pauri Garhwal, Uttarakhand. NIT Uttarakhand was established in 2009 under the Act of Parliament of India by the Ministry of Human Resource Development and designated with the status of "Institute of National Importance". The institute has made a rapid growth in the recent past in terms of starting new academic programs and development of laboratories and infrastructure.

CIVIL ENGINEERING DEPARTMENT

Department of Civil Engineering established in the year 2014 intends to be the propagator of development and research in the field of Civil Engineering. Taking advantage of its geographical location, the institute plans to build a systematic and sustainable model for hills development and rehabilitation. The department offers four-year undergraduate program in Civil Engineering and postgraduate courses in Structural Engineering and Transportation Engineering along with Ph. D. degree program.

SPEAKERS

- Senior Persons from Industry (CPWD/PWD/NBCC)
- Subject experts from reputed organizations (IITs/NITs/CBRI)

TEQIP-III

ONE WEEK
SHORT TERM COURSE

on

**“Construction Challenges
v/s
Infrastructure Development”
in Hilly Region**

(09th – 13th September, 2019)

Organized by



Department of Civil Engineering
National Institute of Technology
Uttarakhand
Srinagar, Pauri Garhwal
India-246174

INTRODUCTION

Natural hazards in Hilly region are rapt owing to its geological setting, tectonic activity, lithology, topography and anthropogenic activities. The most frequent natural hazards include earthquakes, landslides, subsidence, rock falls, cloud bursts, flash floods, causing immense loss of lives and property. Therefore, the inherently jointed rock mass, ubiquitous low strength geological ground and mentioned triggering factors in the Hilly region presents a challenge to design safe and stable habitation in the region along with infrastructure development.

Infrastructure development is an essential ingredient of any national development policy. Hilly regions in the country have always been partially supported for main stream development. The constraints on part of natural environment as well as lesser technical expertise have restricted the development activities. Also, with the vision for developed tomorrow many projects like strong road and railway network, Char Dham highway project in uttarakhand and housing for all etc. are being proposed.

The aim of this course is to discuss the various construction challenges along with its potential solution to confirm the various infrastructure developments in the hilly region.

COVERAGE

- Construction challenges and its potential solutions
- Testing of concrete and road materials
- Analysis and Design of Road and Building for Hilly Regions
- Introduction of Related Software
- Case studies

WHO MAY PARTICIPATE

- Engineers from Civil Engineering Background
- Scientists from research and development (R&D) organizations
- Government officers
- Students and Faculty members from engineering colleges
- Practicing engineers and design consultants

REGISTRATION FEES

Delegates	Fees
Faculty, Engineers and consultants	2500/-
Students	1000/-

No fee for the students of TEQIP funded institutions.

Note: Registration fee (non-refundable) includes registration kit, course certificate, tea and lunch.

No TA/DA will be provided to the participants.

ACCOMMODATION

Limited accommodation is available in the institute hostel. Rooms will be made available on nominal payment basis and the availability as per the institute norms. Accommodation can also be arranged in nearby hotels on special request on prior intimation and payment basis.

For online payment the NIT Bank account details are given.

A/C Name	National Institute of Technology Uttarakhand
Bank Name	SBI, Srinagar-Garhwal
A/C No.	37530566069
IFSC Code	SBIN0003181

REGISTRATION FORM

TEQIP-III

One Week Short Term Course
on

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Name: _____

Designation & Official Address: _____

Highest Academic Qualification: _____

Accommodation Required: Yes/No

Registration Fee Details:

Payment mode: Online/Cash

Transaction ID _____ Bank Name: _____

(Category: Faculty, Engineers and consultants /Students)

Amount: _____

Address for Correspondence: _____

Pin: _____

Mobile Number: _____

Email: _____

Signature of Applicant: _____

Authorized Signatory
With Seal

(The registration form/Fee should be submit/reach on or before 30th Aug 2019.)