

## PATRON

**Prof. Shyam Lal Soni**  
(Director, NIT Uttarakhand)

## CONVENERS

**Prof M K Shrimali** (MNIT Jaipur)  
**Dr Smita Kaloni** (NIT Uttarakhand)

## COORDINATORS

**Prof S D Bharti** (MNIT Jaipur)  
**Dr P V Ramana** (MNIT Jaipur)  
**Dr Kranti Jain** (NIT Uttarakhand)  
**Mr Shashi Narayan** (NIT Uttarakhand)

## SPEAKERS

Experts from reputed institutes IISc, IITs  
and NITs

## CONTACT

**Dr Smita Kaloni**  
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Department of Civil Engineering  
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## ABOUT NIT 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".

Department of Civil Engineering established in the year 2013 intends to be the propagator of development and research in the field of Civil Engineering. The department offers undergraduate program in Civil Engineering and postgraduate courses in Structural Engineering and Transportation Engineering along with Ph. D. degree program.

## ABOUT MNIT JAIPUR

Malaviya National Institute of Technology Jaipur is an institution of National Importance under National Institutes of Technology, Science Education and Research Act 2007, under the aegis of Ministry of Human Resources, Government of India. The Institute operates from a well planned and developed, fully residential campus spread over 325 Acre of land. The campus has a premium location on the Jawahar Lal Nehru Marg in Jaipur, and it is well connected through Air, Rail and Road.

National Centre for Disaster Mitigation and Management works for disaster mitigation and management in India in general, and earthquake safety in particular. The activities of the Center include experimental and analytical Research & Development and training of both academics and students of other universities and institutions in India as well as practitioners.

# TEQIP III

(Technical Education Quality  
Improvement Programme - III)  
Supported

**One Week Short Term Course**

On

***Fundamental of Structural  
Dynamics and Control  
Methods***

**(19<sup>th</sup> - 23<sup>th</sup> September 2019)**

**Jointly Organized by**



**Department of Civil  
Engineering , NIT  
Uttarakhand**

**&**



**National Centre for  
Disaster Mitigation &  
Management, MNIT  
Jaipur**



## INTRODUCTION

A short term course is designed to provide an overview on fundamental of structural dynamics and control methods. Eminent speakers from top notch Academia are invited for the same. The course shall be offered from 19-23 September 2019, jointly by Department of Civil Engineering NIT Uttarakhand and National Centre for Disaster Mitigation and Management MNIT Jaipur. It is sponsored by the TEQIP III.

## OBJECTIVE

This Short Term Course (STC) is mainly designed for students, researchers, faculty member in engineering. This STC shall help students to choose their research path for higher studies in the field of structural dynamics. It shall also act as a platform for the UG and PG students to interact with renowned academicians. The course aims to address the following domains:

- Basic concept of structural dynamics, SDOF and MDOF Analysis
- Role of damping on response of structures.
- Introduction of various control methods such as passive and active control methods
- Dynamic response of isolated and non-isolated buildings
- Basic concept of design,
- Aseismic analysis of structures.

## VENUE

National Centre for Disaster Mitigation and Management, MNIT Jaipur.

## PROSPECTIVE PARTICIPANTS

This STC is open for academicians, research scholars, UG/PG student, persons working in R&D organization and Industries.

## REGISTRATION DETAILS

Delegates	Registration Fee
Students	500/-
Faculty	1000/-
Industry Persons	1500/-

- There is **no registration fee for participants from TEQIP III institution**.
- Limited accommodation is available in MNIT Campus for outstation participants on nominal charges and first come first serve basis. No TA/DA will be provided to the participants.
- The applicant must also send an e-mail along with the registration form to **smitakaloni@nituk.ac.in**. their indent to participate in the STC.
- **Note:** Registration fee (non refundable) includes registration kit, course certificate, tea and lunch.
- Facility for spot registration is also available. For Online payment the NIT UK Bank account details are given:

A/C Name:- NIT Uttarakhand  
Bank Name:-SBI, Srinagar-Garhwal  
A/C No:- 37843015175  
IFSC Code:-SBIN0003181

## REGISTRATION FORM

TEQIP III Sponsored One Week Short Term Course

On  
Fundamental of Structural Dynamics and Control Methods  
(19<sup>th</sup> – 23<sup>rd</sup> September 2019)

Full Name .....

Designation .....

Organization .....

Academic Qualification .....

Age .....Gender (M/F).....

Accommodation Required: Yes/ No

Mailing address .....

Email .....

Phone/Mobile .....

Payment Details: (Cash/ Online)

.....Dated.....

Place :

Signature of applicant

Authorized Signature with seal