

INTRODUCTION AND OBJECTIVES

According to the latest seismic zone map of India, about 59 per cent of India's land area is vulnerable from moderate to severe seismic hazard, i.e., prone to shaking of MSK intensity VII and above. In the recent past, most Indian cities have witnessed the phenomenal growth of multi-storied buildings, super malls, luxury apartments and social infrastructures as a part of the process of development. A majority of the buildings constructed in India, especially in suburban and rural areas, are non-engineered and built without adhering to earthquake-resistant construction principles. Most of the contractors and masons engaged in the construction of these buildings are also not familiar with the earthquake-resistant features specified in the building codes. It is thus necessary to empower communities to ensure the seismic safety of the built environment by encouraging the use of simple, easy and affordable technical solutions and institutional arrangements. Long-term and sustained efforts are required to address the problem of earthquake risk in India. There are guidelines which have been prepared to reduce the impact of earthquakes in the short term and the earthquake risk in the medium and long term. There are enormous challenge in improving seismic safety because of the inadequate numbers of trained and qualified civil engineers, structural engineers, architects and masons proficient in earthquake-resistant design and construction of structures.

COURSE CONTENTS

- Basic knowledge of earthquake
- Architectural planning and urban and rural areas
- Effects of earthquake
- Ground improvement techniques
- Liquefaction of soil during earthquake
- Mode of failure of buildings
- Remedial measures
- Investigation of RCC buildings
- Special design considerations

METHODOLOGY

The one-week programme will be judiciously utilized by integrating theory classes, practicals, field visits, audio-visual presentations and educational video film shows. In order to make the programme participatory, group discussions and project formulations exercises will also be done. Besides the institute faculty, experts will be invited from research and development organizations, science and technology departments, working on disaster safety and rehabilitation work for damaged structures.

TARGET GROUP

Faculty members of all Engineering Disciplines, Architectural, Management and Humanities streams working in an AICTE approved engineering college/institute can participate in this programme. These faculty members have to get themselves sponsored from the Principal/Head of Institution and send their duly filled application on the enclosed prescribed proforma to: Er. Amit Goyal, Assistant Professor, NITTTR, Sector 26, Chandigarh – 160019 (email: amitgoyalamit23@gmail.com or amitgoyal@nitttrchd.ac.in

[Note: Seats are limited, please get your admission confirmed in advance].

LAST DATE

Last date of receiving applications for participation in this training programme is 15th May, 2018.

REGISTRATION

- No registration fee for participants sponsored by Govt. Engg. Colleges/ Polytechnics.
- Otherwise Rs. 300/- is to be paid in shape of cash/ DD payable to C. V. Raman College of Engineering.

TA/DA

No fee is chargeable from engineering college teachers whose names are sponsored by the competent authority (Principal / Director). TA (as per original bills produced) to the Govt./Govt. Aided Institutions/ Engineering Colleges, as per central government rules applicable to this institute will be paid. Please note that **TA is restricted to III Tier AC** to the sponsored participants. No TA/DA is permissible to participants from private Engg. Colleges / Polytechnics.

ACCOMMODATION

Requests for accommodation will be entertained on first-cum-first serve basis. Accommodation shall be provided in Hostel of CVRCE, Bhubaneswar. Family accommodation is not available in institute hostels of CVRCE, Bhubaneswar.

ADDRESS FOR CORRESPONDENCE

Er. Amit Goyal, Asst. Prof. Dept of Rural Development
National Institute of Technical Teachers' Training and Research, Sector 26, Chandigarh 160 019
Tel: 0172- 2759728, Mobile No- 09417569559
Fax:(0172)2793893,2791366✉
amitgoyalamit23@gmail.com,
amitgoyalamit@nitttrchd.ac.in,

AICTE RECOGNISED SHORT TERM COURSE UNDER FACULTY DEVELOPMENT PROGRAMME (FDP)

on
Earthquake Resistant Low Cost Housing
at
CVRCE, Bhubaneswar

21st May – 26th May, 2018

Name: _____

Age: _____ Sex: Male Female

Qualification: _____

Designation: _____

Experience (Teaching/Industrial/Others): _____

Institution: _____

Address: _____

Phone No. with STD Code

E-Mail :

Whether Accommodation Needed: Yes
No

Signature of the Applicant

Recommendation of the Principal/Head of
the Sponsoring Institute (Signature with seal)

[Last Date of Submission of Application is 15th
May, 2018]



BHUBNESWAR, THE SMART CITY
THE CITY OF TEMPLES

ORGANIZING COMMITTEE

PATRON:

Er.S.K.Rout,Chairman,C.V. Raman Group of Institutions

Smt. Shailja Rout, Managing Director,SSEPL Skills Pvt. Ltd,Odisha

ADVISORY BOARD:

Prof. B. Bhattacharya, Principal, C.V. Raman College of Engineering, Bhubaneswar

Er. D. Mohapatra, Registrar, C.V. Raman College of Engineering, Bhubaneswar

CONVENOR:

Prof. A.K. Sahoo, Professor, Dept of AEI

COORDINATORS

Programme Coordinator:Prof. Amit Goyal, NITTTR, Chandigarh.

Local Coordinator : Prof. S.S Mohanty, HOD, Dept. of Civil Engineering..

✉ hod_civil@cvrgi.edu.in ☎ : 09437206204

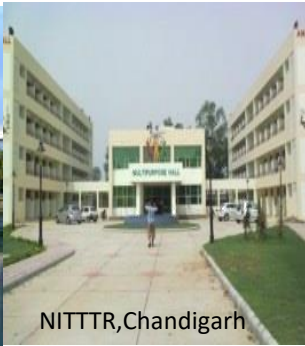
CO-COORDINATORS :

Ms. Anasuya Sahu , Asst Prof. ☎ : 9438361787 ✉ anasuyasahu@yahoo.co.in

Dr. Amit kr .Das , Asst Prof. ☎ : 9437176078 ✉ amit76078@gmail.com



CVRCE, BBSR



NITTTR, Chandigarh

ABOUT NITTTR, CHANDIGARH

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 400 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 six postgraduate programmes in engineering and engineering education through regular and modular modes. In addition to education and training programmes, the institute renders extension services to Polytechnics, undertakes research and development projects and develops print and non-print instructional material.

ABOUT CVRCE, BHUBANESWAR

C.V.Raman College of Engineering set up to promote the highest standards of technical education in the state. The institution aims at moulding a new breed of technocrats as competent professionals and excellent human beings to help raising the quality of life. The institute is committed to quality education of training leading to various professional degrees and to institution to be reckoned through continuous improvement.

ABOUT DEPARTMENT

The department came into being in the year of 2009 and six batches have graduated so far. The department has been with a good blend of experience in academics and industry and the young, promising talents to form a formidable teaching strength to inspire and guide the students in the program. The dept. is continuously thriving for value addition to the program by way of opening centre of excellences in plumbing, imparting training in Revit, AutoCAD, STAAD Pro, GIS & RS etc. The department has also developed an interface with industries through 'Construction Industry and Development Council (CIDC)' a sister concern of Niti Ayog(erstwhile planning commission of GoI) by introducing a semester long internship program in industries in lieu of 8th sem. from 2017-18.

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

SHORT TERM PROGRAMME
on
EARTHQUAKE RESISTANT
LOW COST HOUSING

From- 21st May - 26th May, 2018

ORGANISED BY



National Institute of
Technical Teachers' Training and Research

An ISO:9001-2000 Certified Institute

[Ministry of Human Resource Development, Govt of India]
Sector 26, Chandigarh 160 019

In Collaboration with



Department of Civil Engineering
C.V. Raman College of Engineering,
Bhubaneswar, Odisha
(NBA ACCREDITED)

Venue- MBA GALLERY
CVRGI, BHUBANESWAR

Department of Civil Engineering
C.V. Raman College of Engineering,
Bhubaneswar, Odisha
NISA Address

Venue- BOXCH REKROTH AUDITORIUM
CVRCE, BHUBANESWAR