

*Alumni of IITM and IITKgp proudly
presents RDCEE'18*

**Resource persons & Topics
to be covered:**

Dr. Leon Raj J; M.E, PhD, PDF
(IIT Madras), Scientist, Applied
Civil Engineering Group, CSIR-
NEIST.

- Design of shear critical members
- Design of pre-cast elements
- Modular Bricks

Dr. Debasis D Mohanty; M.Tech,
PhD (IIT Kharagpur), Scientist,
Geo-Sciences Division, CSIR
NEIST.

- Theory of Earthquake and effects
- Current Earthquake scenario India
- Introduction to Seismology and Earth Structure

Dr. Polu Raju; MTech, PhD (IIT
Madras), Associate Professor, KL
University.

- Behavior of 3D sandwich panels under general loading

Chairman

Dr. D. Ramaiah, Director CSIR NEIST

Organizing Secretaries

Dr. Leon Raj, Scientist

Dr. Debasis D Mohanty, Scientist

Advisory Council

Dr. Pinaki Sengupta, Chief Scientist

Mr S C Kalita, Chief Scientist

Dr. Saurabh Baruah, Sr. Principal Scientist

Dr. Sanjay Deori, Principal Scientist

Dr. Jatin Kalita, Principal Scientist

Sponsors

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Contact Persons

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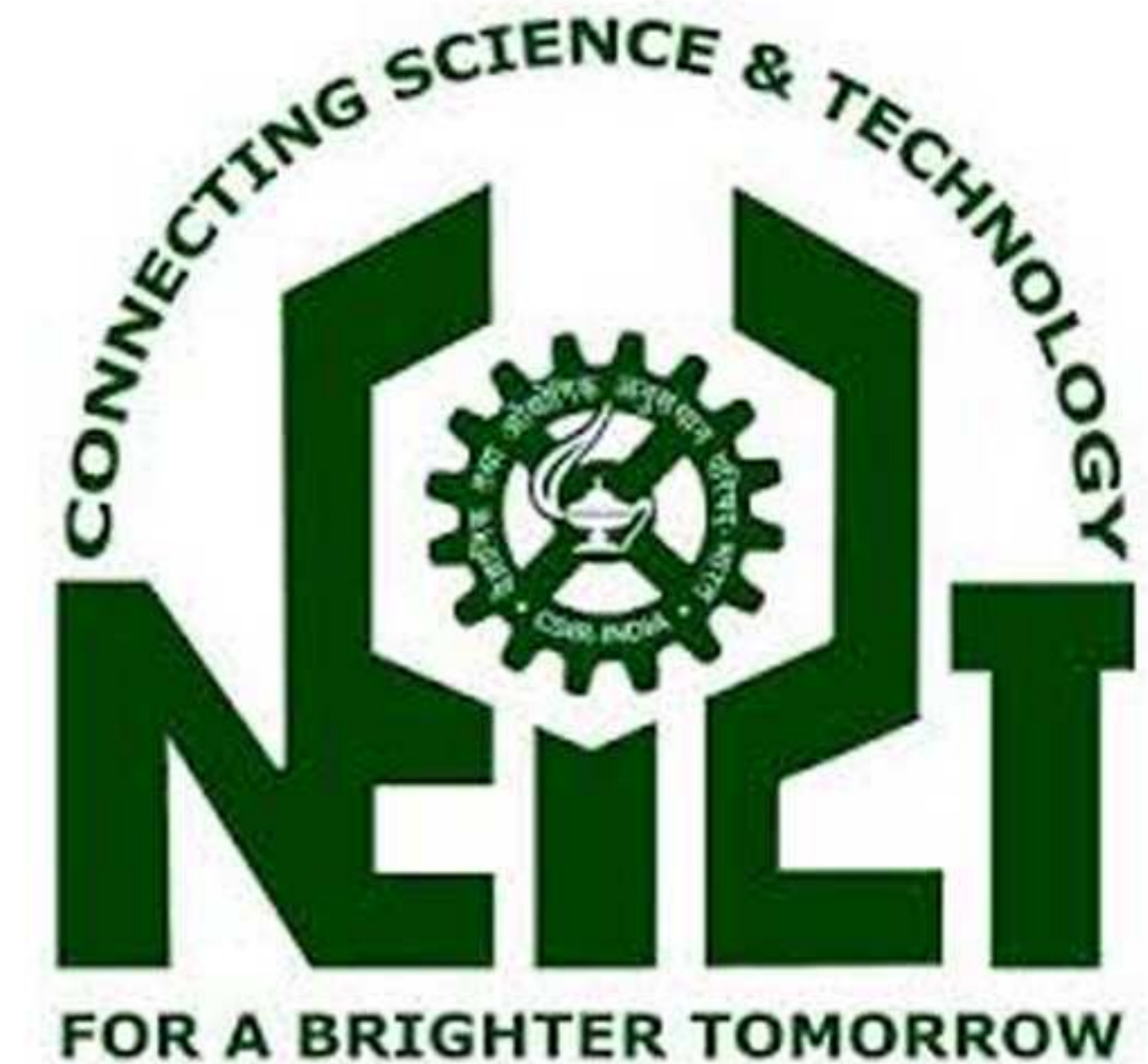
**One Day
National Workshop**

On

**RECENT DEVELOPMENTS IN
CIVIL AND EARTHQUAKE
ENGINEERING**

(RDCEE-18)

9th April 2018



Organized by

**Applied Civil Engineering
and Geosciences Group**

CSIR-NEIST

(GOVERNMENT OF INDIA)

About CSIR NEIST

North East Institute of Science and Technology, Jorhat, Assam, a constituent establishment of Council of Scientific and Industrial Research (CSIR), New Delhi, has been engaged in multidisciplinary R&D work relevant to the country in general and North Eastern Region in particular.

Applied Civil Engg. Group (ACEG) and Geosciences Group (GSTD)

The ACE Group is committed to research & development, technical consultancy, testing and evaluation of building and road materials. The primary areas of research include structural, geotechnical and transportation engineering. The GSTD group, NEIST, has been actively engaged in continuous monitoring and research regarding the high seismicity of the North East Himalaya region. Alongside the natural hazards, microzonation studies, rehabilitation, basic and stable research in Geodynamics and Tectonics of NE Himalaya, are the main motives of this group

About workshop

Every year modern technologies are emerging against demand of speedy construction. 3D sandwich panels and modular bricks technology are the amicable solution. Structural behavior of sandwich walls and deep beams under different load configuration will be covered in the workshop.

Workshop mainly focuses on recent developments in design of structural members, materials and earthquake engineering.

Further, understanding the mechanisms of Earthquakes and their severity in nature pertaining to NE region is a major challenge in Seismology as well as in structure design. Also, it focuses on the mechanism, cause and effects of Earthquakes in NE Himalaya, understanding the deeper Earth and Recent developments in Engineering seismology (Tomography, Deformation, Modeling, etc).

Who should participate

Practicing Engineers, Government Officials, Architects, Builders, Consultants, Faculty, Research Scholars and Students

Registration fee

Research Scholars / Students: 250/-

Faculty / Practicing Engineers / Government officials / Architects/Builders / Consultants / Industrialist: Rs. 500/-

Location

The CSIR NEIST is located at Jorhat, Assam. From Guwahati international airport, about 300 kms, Jorhat is located. Through bus, train or flight, you may reach Jorhat from Guwahati.

One Day National Workshop

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9th April 2018

Registration form

- Name: _____
- Designation: _____
- Name and Address: _____

- Phone No: _____
- Email: _____
- Address for correspondence: _____

- DD/Cash Details
- DD No:
- Date:
- Bank:
- Date
- Signature

CSIR - NEIST
(Government of India)

**Applied Civil Engineering
and Geosciences Group**



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One Day National Workshop

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Resource persons & Topics to be covered:

Dr. Leon Raj J; PhD, PDF (IIT Madras)

Scientist, Applied Civil Engineering, CSIR-NEIST

- *Design of retaining walls*
- *Design of pre-cast members*
- *Modular Bricks*

Dr. Debasis D Mohanty; PhD (IIT Kharagpur)

Scientist, Geo-Sciences Division, CSIR NEIST

- *Earth and its Structure*
- *Earthquakes and Indian scenario*
- *Recent developments in seismology*

Dr. Polu Raju; PhD (IIT Madras)

Associate Professor, KL University

- *Behaviour of 3D sandwich panels*
- *Quick build technology*
- *Design guidelines*

Registration time: 8.30 AM

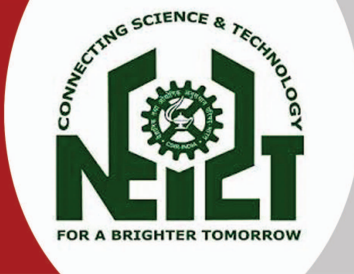
Date: 9th April 2018

Venue: Dr. J.N Baruah Auditorium

Sponsor



CSIR - NEIST
(Government of India)



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Scientist, Geo-Sciences Division, CSIR NEIST



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Registration time: 8.30 AM

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Recent Developments in Civil and Earthquake Engineering (RDCEE '18)

CSIR NEIST
(Government of India)



Events schedule

8.30 Registration

9.00 A.M. Inauguration

10 .00 A.M. - 11.00 A.M. Talk by Dr. Debasis D Mohanty

11.15 A.M. - 12.30 P.M. Talk by Dr. Polu Raju

12.30 P.M. - 1.30 P.M. Talk by Dr. Leon Raj

2.30 P.M. - 3.00 P.M. - Talk by Dr. Sudip Basack

3.15 P.M. Valedictory function

4.00 PM Research Expo

