



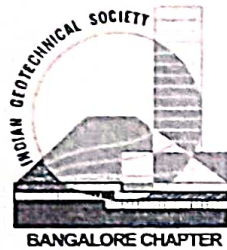
NEW HORIZON COLLEGE OF ENGINEERING

New Horizon Knowledge Park, Ring Road, Marathalli
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
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DEPARTMENT OF CIVIL ENGINEERING

In association with

Indian Geotechnical Society (IGS)



BANGALORE CHAPTER
BENGALURU
CHAPTER

Organizes

Webinar

On

“Seismic hazard of India”

By

Dr. STG Ragu kanth,

Professor, Department of Structural Engineering- IIT Madras

Date: 22.09.2020

Time: 11.00 AM

Venue

Google Meet

Department of Civil Engineering

All are cordially invited



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NEW HORIZON
EDUCATIONAL INSTITUTION



India: -2002

WEBINAR *Live Streaming*

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Organised by Department of Civil Engineering

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SEISMIC HAZARD OF INDIA"

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Eminent Speaker

Dr STG Ragu kanth Department of Structural
Engineering-IIT Madras

Time & Date:

FROM 11AM - 12PM

TUESDAY, SEP 22nd-2020

Registration:

<https://forms.gle/WaoYJuJjXbv9Vk5Q6>

Supporters



Bangalore Chapter

In Association with IGS-Bangaluru Chapter

Conveners

Dr Giriprasad C

Mrs Serin Isaac

Patrons

Dr. Manjunatha

Principal-NHCE, Bangalore

Coordinator

Dr. Niranjan P S

HOD-Civil-NHCE, Bangalore

For Registration-Contact-7981757735

Website: www.nhce.org

To
The Principal
New Horizon college of Engineering
Bangalore

Date: 20.09.2020

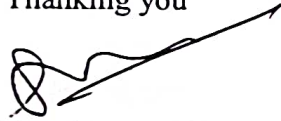
Through Professor and Head, Department of Civil Engineering

Respected sir,

Subject: Permission to conduct Webinar on Topic, "Seismic Hazard of India", in association with IGS, Bengaluru chapter

The department of Civil Engineering would like to organize a webinar in Google meet on the above topic. The resource person is Dr. STG Ragu kanth, Professor, Department of Structural Engineering- IIT Madras. The event is scheduled on 22.09.2020 at 11.00 AM in the department of civil engineering. Hence I request for your permission for the successful conduction of the lecture.

Thanking you



Dr. Giriprasad C
Associate Professor
Department of civil engineering, NHCE



Dr. Niranjana P S
Professor & HOD
Department of
civil engineering,
NHCE

Ref: NHCE/CV/2020-21/Webinar/

To
Dr. STG Ragu kanth,
Professor,
Department of Structural Engineering,
IIT Madras

Date: 25.09.2020

Dear sir,

Subject: Regarding webinar on Topic, "Seismic Hazard of India", in association with IGS, Bengaluru chapter

We are extremely pleased to have you as a resource person for webinar titled, "**Seismic Hazard of India**", in association with IGS, Bengaluru chapter, conducted on 22.09.2020. The participants, students, as well as faculties have been immensely benefitted by your expertise on this topic. Your session was informative and interactive and has created a lot of interest amongst the students in the topic you had covered. Hoping for further participation from your end in workshops/ Expert lectures/ symposium that would be arranged in our institution.

Thanking you



Dr. Niranjan P S
Professor & HOD
Department of
civil engineering,
NHCE

Department of Civil Engineering

REPORT ON WEBINAR

Date: 22/09/2020

With the blessings of NHEI Management, having constant encouragements of our respected Chairman Dr. Mohan Manghnani, and Principal Dr. Manjunatha a WEBINAR is conducted in order to enhance online learning skills of our faculties and students, the department of Civil Engineering hosted on the following schedule and the topic:

Topic: Seismic Hazards of India

Date: 22nd September, 2020

Resource person: Dr. STG Ragu kanth, Professor, Department of Structural Engineering- IIT Madras.

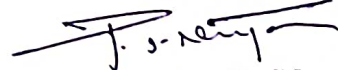
Time: 11:00 AM to 12:30 PM

Description: During this webinar, he shared the effect of urbanization on water quality parameters and suggest for its improvement.

The Indian subcontinent is a region that is prone to earthquakes. Between 1990 to 2006, more than 23, 000 lives were lost due to six major earthquakes in India. The most notable being the 2001 Bhuj earthquake and the 2005 Kashmir earthquake. Recent newspaper reports and technical papers have highlighted that there is a link between high stress accumulation in the Himalayan region and the global clustering in time of high magnitude tremors since the devastating 2004 quake off the Sumatra coast. In the event of a major earthquake in the Himalayan region, the most affected areas would be one of the most populated areas of the world. The current zoning maps in the Indian seismic code were prepared based on earthquake information available up to 1993 and has not been updated since 2002. It is thus considered that the hazard zoning needs to be re-examined and that the boundaries of zoning areas revised. This paper presents a sitespecific probabilistic seismic hazard assessment (PSHA) carried out to review the potential risk of seismic source zones based on the latest earthquake information. The PSHA method combines the knowledge of seismic source zones and their associated earthquake recurrence with appropriate attenuation relationships to produce hazard curves in terms of level of ground motion and an associated annual probability of being exceeded. Design response spectra have been calculated for sites in the Himalayan region and for other major cities in India. The results are compared to those

implied by the current Indian seismic code and those from the recent study carried out by the Indian National Disaster Management Authority (NDMA, 2011).

Program: For this Webinar, registration link using Google meet ID and password was created. The link was circulated among registered participants, faculties and students of Civil Engineering, and faculties of other departments. More than 100 participants both Teaching Faculty Members and Students have participated. At the beginning, Dr. P.S. Niranjan HOD gave a welcome address to the participants and after the presentation Dr. Nachimuthu S., Associated professor, CED, delivered the vote of thanks.


HOD - CIVIL

Contact

www.linkedin.com/in/raghukanth-stg-651b1699 (LinkedIn)

Top Skills

Matlab

Finite Element Analysis

Research

Raghukanth STG

Professor at Indian Institute of Technology, Madras

Summary

Experienced Professor with a demonstrated history of working in the higher education industry. Skilled in Parallel computing, Fortran, Matlab and FEM softwares. Expert in Seismic hazard analysis. Strong education professional with a Doctor of Philosophy (Ph.D) focused in Earthquake Engineering from IISc. Bangalore.

Experience

Indian Institute of Technology, Madras

11 years 10 months

Professor

July 2018 - Present (2 years 3 months)

Associate Professor

December 2008 - Present (11 years 10 months)

Indian Institute of Technology, Guwahati

Assistant Professor

July 2005 - November 2008 (3 years 5 months)

Guwahati, Assam, India

Education

Indian Institute of Science (IISc)

Doctor of Philosophy - PhD, Earthquake engineering · (2000 - 2005)

Maulana Azad National Institute of Technology

Master of Technology - MTech, Stress and Vibration Analysis · (1998 - 2000)

Jawaharlal Nehru Technological University

Bachelor of Technology (BTech), Civil Engineering · (1994 - 1998)

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Date: 07/09/2020

From,
Dr. Giriprasad C and Ms Serin Isaac
Sr. Associate Professor
Department of Civil Engineering
New Horizon College of Engineering
Bengaluru - 560 103

To,
The Principal
New Horizon College of Engineering
Bengaluru - 560 103

Through Head, Department of Civil Engineering

Respected Sir,

Subject: Permission for conducting webinar to be held on 22nd September 2020.

With reference to the above cited subject, the Department of Civil Engineering, NHCE intends to organize a Webinar on "SEISMIC HAZARD OF INDIA" on 22nd September 2020. We are inviting eminent speaker Dr. STG Ragu kanth, Professor in structural Engineering Department IIT Madras. We would like to request for your permission and support to conduct this event. It will be important for all faculties and students in the Department to attend the webinar to enhance the knowledge. In addition, the webinar will ensure that information delivered to students is standardized.

We kindly request you to sanction Rs. 3000/- (Rupees Three thousand only) remuneration towards resource person.

Your consideration will be highly appreciated. I look forward to hearing from you.


Thanking you,


With Regards

(Dr. Giriprasad C)


(Ms. Serin Isaac)

forwarded to principal
for approval


7/9/20

Permitted

8/9



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CERTIFICATE OF PARTICIPATION

This certifies that

SERIN ISSAC

has successfully completed a webinar of
SEISMIC HAZARD OF INDIA

Organized by Department of Civil Engineering, New Horizon College of Engineering, Bengaluru Karnataka, India
22nd September 2020

In Association with IGS Bengaluru Chapter.

CONVENER
Dr Giriprasad C

Supporters



Bangalore Chapter

HOD-CIVIL
Dr Niranjan PS