

SCHEDULE

□ 27/01/21 (5.00pm-7.00pm):

Structural Health Management involving Vibration-based Damage Detection

Speaker: Prof. Samit Ray Choudhury, Dept. of Civil Engineering, IIT Kanpur.

□ 28/01/21 (5.00pm-7.00pm):

Sensitivity-based Bayesian Model Updating for Civil Engineering Structures

Speaker: Prof. Samit Ray Choudhury, IIT Kanpur.

□ 29/01/21 (5.00pm-7.00pm) :

Wavelet-based methods for composite structures

Speaker: Dr. Prakash Rajendran, Dept. of Mechanical Engg., NIT, Trichy.

REGISTRATION DETAILS

You are requested to register online before **5.00 p.m. on 25th January 2021**. Registration is free and will be on a first-come-first basis. A confirmation e-mail with a meeting link will be sent to the shortlisted participants.

Registration Link (online):

<https://forms.gle/tuAotEpiXvHhLMXG8>

COORDINATOR

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ABOUT THE INSTITUTE

Indian Institute of Engineering Science and Technology, Shibpur, an Institute of National Importance under MHRD, Govt of India was established as Civil Engineering College Calcutta in 1856 with the idea of introducing engineering education in the country. This is the second oldest institution for engineering education in India. The institute has been formerly known as Bengal Engineering College, Shibpur. The Department of Civil Engineering is as old as the institute and has been striving to develop and maintain a glorious tradition of producing quality Civil Engineers and Researchers for the country.

ABSTRACT OF THE WEBINAR

Structural Health Monitoring (SHM) is a process by which one can monitor the state of a structure during its service and predict its remaining life. It enhances the integrity, safety, service life of the structure, and advice condition-based maintenance, which has direct results such as reducing inspection cost, repairing cost, and maintenance time. In recent times, considerable attention is paid to modernizing the existing vibration-based techniques and developing new algorithms incorporating statistical methods. Through this series of lectures, which will be extensively interactive in nature, we wish to introduce and incite interest among potential researchers to pursue research in this rewarding field of study.

TEQIP-III

Sponsored Webinar
on

Introduction to Structural Health Monitoring for Civil Structures



27th -29th January 2021

Organized by:

Department of Civil Engineering,
Indian Institute of Engineering Science &
Technology, Shibpur,
Howrah- 711 103, West Bengal.

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Prof. Parthasarathi Chakrabarti,
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