

How to Apply:

The applicants should apply online at <https://forms.gle/xzpr3TCCZ1W1XCxw8> and the scanned copy of the duly signed registration form can be mailed to lateralloadfdp@cbit.ac.in on or before 25-11-2019

Registration Fee:

For faculty from AICTE recognized institutions **Rs. 1000/-** (Refundable after the successful completion of programme).

For others – **Rs 2000/-**

The D.D for the Registration Fee may be drawn in favour of **CBIT Fee Collection & other receipts**, from any Nationalized Bank, payable at Hyderabad.

Last date for registration: **25-11-2019**

Note: For faculty from AICTE recognized institutions, sleeper class travel allowance or its equivalent is paid and accommodation is made available for outstation participants.

Who can participate?

Faculty from engineering colleges and structural engineering professionals.

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President, CBIT

PATRON

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INSTITUTE OF TECHNOLOGY (A)



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AICTE sponsored two week FDP

SEISMIC AND WIND LOADS ON BUILDINGS AND APPLICATIONS OF ETABS AND ANSYS FLUENT

2nd - 14th December, 2019

Organized by

Department of Civil Engineering

Gandipet, Hyderabad – 75, Telengana
An ISO 9001-2015 certified Institute
(Website: www.cbit.ac.in)

About CBIT:

Chaitanya Bharathi Institute of Technology (CBIT), established in the year 1979 and is committed to Education and Innovation for 4 Decades and inspired by the range of Government Policies and Programs to fuel the Innovation drive, through focused efforts in Research, emerged as a Home for ambitious Innovators, Visionary Thinkers and extraordinary Pioneers and has been contributing its mite towards New India's Innovation Ecosystem. CBIT is a UGC Autonomous Institute Accredited by NAAC-UGC and NBA – AICTE. It has grown into an institution to reckon in the field of technical education in India. The institute is ranked 100th position in the top engineering colleges including IITs/NITs, as notified by NIRF-MHRD, New Delhi for the year 2019. The institute possesses the best of the facilities including excellent infrastructure, state of the art laboratories and an excellent digital library. With over 4500 bright, sincere and spirited students, 300 well qualified and dedicated faculty and 245 experienced and committed supporting staff.



About Civil Engineering Department:

Civil Engineering Department of the institute started functioning right from the inception of the institute, in the year 1979. It has well qualified, experienced and dedicated faculty and committed supporting staff. in the department. The department runs one UG programme (Two Sections) and one PG programme in Structural Engineering. The laboratories of the department are well equipped with advanced and sophisticated instruments, to fully satisfy the training needs of the students and research and consultancy needs of the department as well. Organizing seminars, workshops and conferences on the latest developments, arranging industrial visits and expert lectures is a regular feature in the department. The department also offers consultancy services to various government and private agencies and completed a number of prestigious projects. It is a matter of satisfaction that the department has submitted the draft for 'Water Policy' to the Telangana state.

About the Programme:

With the heights of the buildings continuously on the rise and the increased frequency of the occurrence of earthquakes and cyclonic storms, the process of lateral load estimation has become very important component of Structural Analysis. This necessitates the Structural Engineering

faculty gain sound knowledge in the field, and to transfer it to the students. Though Earth quake engineering has gained lot of importance, wind engineering on the other hand has not got its due. Hence the necessity arises to introduce Wind engineering and computational fluid dynamics. The proposed programme besides dealing thoroughly with Earthquake Engineering, would make an effort to impart introductory knowledge in Computational Fluid Dynamics, which is an emerging area in the field of wind engineering. The department has the required softwares like ETABS, ANSYS FLUENT available and the participants will get good exposure to these softwares.

Objectives:

- To make the participants acquire good conceptual knowledge in the fields of Earthquake engineering and Wind Engineering
- To introduce Computational Fluid Dynamics to the participants which enables them explore the research possibilities in the area
- To make the participants well versed in the software applications of both earth engineering and wind engineering

Resource Persons:

Resource persons are drawn from IIIT, NITW, NGRI and other reputed institutes/ organizations.