

**On-Line 6 Days
Faculty Development Program
(FDP)**

on

**WIND LOADS ON BUILDINGS
AND OTHER STRUCTURES
[With Special Reference to
IS:875 Part-3]**

December 21-26, 2020



भारतीय प्रौद्योगिकी
संस्थान जम्मू
INDIAN INSTITUTE
TECHNOLOGY

Organised by

**Department of Civil Engineering
Indian Institute of Technology Jammu
JAMMU – 181 221 (J&K)**

ABOUT THE INSTITUTE

Indian Institute of Technology Jammu was established in the year 2016 at Jammu as a result of MoU signed between MHRD, Govt. of India and the Department of Higher Education, Govt. of J&K. The Institute is located on the outskirts of Jammu city on National Highway No. 44 heading to Katra and Srinagar. The Institute currently offers B.Tech. Programs in **six** disciplines and M.Tech. Programs in **six** disciplines. Additionally, admissions are also made for Ph.D. programs in **ten** disciplines.

ABOUT THE COURSE

The proposed Faculty Development Program (FDP) is targeted for Faculty Members of Engineering Institutes at both Degree and Diploma Level in the country as well as the Research Students studying there. The aim of the course is to impart the knowledge about the technological advances in the area of Wind Resistance Design of Structures with special reference to IS:875 Part-3. After attending the course, the participants will gain confidence in designing buildings and other structures against wind loads. These participants will in turn educate the Engineering Students in the country so that they graduate with the knowledge for design and construction of wind resistant structures.

PRESENTATIONS

The faculty members from IIT Jammu will primarily deliver the lectures during the program. The experts from other organizations of national importance will also be invited to cover specific topics during the program.

TOPICS TO BE COVERED

Following topics are likely to be covered during the program.

- * Types of Windstorms
- * Characteristics of Basic Wind Speed
- * Evaluation of Design Wind Speed
- * Design Life of Structures
- * Effect of Local Topography
- * Wind Pressure Coefficients
- * Force Coefficients
- * Design Wind Pressure
- * Design Wind Load
- * Effect of Openings
- * Interference Effects
- * Experimental Studies in Wind Tunnels
- * Numerical Problems

DATES

The Faculty Development Program (FDP) on **Wind Loads on Buildings and Other Structures** will be held on-line on **December 21-26, 2020**.

OFFICIAL LANGUAGE

The official language of the Faculty Development Program (FDP) will be English.

WHO CAN ATTEND?

Faculty Members of Engineering Institutes at both Degree and Diploma Level in the country as well as Research Students studying there can attend.

NUMBER OF SEATS

Number of participants will be limited to 50 on first come first served basis.

CONTACT HOURS

Forenoon 11:00 A.M. to 12:30 P.M.

Afternoon 3:30 P.M. to 5:00 P.M.

6 days @ 3 hours per day = 18 hours

REGISTRATION FEE

Research Students

Course Fee per person = Rs. 1,800

GST @ 18% = Rs. 324

Total = **Rs. 2,124**

Academicians

Course Fee per person = Rs. 3,600

GST @ 18% = Rs. 648

Total = **Rs. 4,248**

Registration fee shall be paid in advance by depositing it into the bank account, details of which will be intimated to the interested participants.

HOW TO APPLY

Individuals interested in attending FDP should send the following information through e-mail to the Course Coordinators indicating their willingness to attend the FDP program. On receipt of the same, bank account details will be communicated in which the candidates will be required to deposit the Registration Fee.

Information Required

- * Name
- * Designation
- * Affiliation
- * E-mail address
- * Contact no.
- * Highest Qualification

COURSE COORDINATORS

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