Workshop on
Stability and Condition Assessment of Buildings
28th & 29th April 2016

Under the aegis of
Continuing Education Programme, Civil Engineering

Convener
Prof. S. Kothandaraman

Co-ordinator
Dr. P. Revathi

Department of Civil Engineering
Pondicherry Engineering College
Puducherry 605 014
Website: www.pec.edu
ABOUT THE COURSE
As structures are aging, the condition assessment of buildings and industrial structures is becoming increasingly important. Structural codes have been developed for new design, but they often are not appropriate for assessment since there are significant differences between design and assessment. Design uncertainties arise from the prediction of load and resistance parameters of a new structure. These uncertainties represent the variability of a large population of structures caused by the unequal qualities of material, the different construction practices, and the variability of site specific live loads. Also a conservative design does not result in a significant increase in structural cost while a conservative assessment may result in unnecessary and costly repairs or replacement. Therefore, there is a clear need for technical rules for the assessment of existing structures. Hence, this course is designed for Engineering Professional focussing on the above needs.

COURSE CONTENT
Structural Safety, Serviceability and Stability
Testing of Materials
Non-destructive Testing
Condition Assessment of Existing Buildings
Visual Inspection and its Scope
Effect of Vibration and Forces on Buildings
Overview of NBC
Overview of IS 456, IS 875, IS 1893 and IS 13920
Case Studies on Condition Assessment and Repair
Effect of Natural Forces on Structures

RESOURCES PERSONS
Academicians from other colleges and Faculty members of Pondicherry Engineering College will train the candidates in the above topics.

WHO CAN ATTEND?
The course is open to all Civil Engineering students, teachers, practising engineers and industry professionals. The admission will be offered purely on first come first served basis as the number of seats is limited.

COURSE FEE
The fee for the course is ₹ 3,000. This includes study material, working lunch and refreshments. 10 % discount on course fee is applicable to student participants upon production of bonafide certificate.

COURSE BENEFITS
The fundamentals of structural safety with regard to stability of the building will be covered. The candidate may acquire knowledge on arriving at reliable decision on structural stability. The certificate of this training will be useful in fetching jobs by budding engineers in leading consulting firms.

HOW TO APPLY
Duly filled in application Forms, as per the given format, along with the course fee in the form of DD drawn in favour of ‘Convera, CEP-CE’ payable at Puducherry should reach the Coordinator on or before 22-04-2016. Registration form can also be downloaded from www.pec.edu. The course fee of unselected candidates will be returned to the individuals.

IMPORTANT DATES
Last date for receiving applications: 22.04.2016

For further details contact:
Dr. P. Revathi
Assistant Professor
Dept. of Civil Engineering,
Pondicherry Engineering College,
Pillaichavady, Pondicherry.605014.
Mobile: 94875 27159
E-mail: revathi@pec.edu

Workshop On
Stability and Condition Assessment of Buildings
28th & 29th April 2016
Continuing Education Programme, Civil Engineering
REGISTRATION FORM

Name : (In Capital letters)
Date of birth :
Qualifications :
Designation :
Department :
Institution :
Address for Communication (With PIN code)
Mobile Phone No. :
Email :
Payment details : ₹  DD No. : Date:
Name of the Bank:

DECLARATION BY THE APPLICANT
The information furnished in the registration form is true to the best of my knowledge and belief. I agree to abide by the rules and regulations governing the programme.

Place: Signature of the Applicant
Date: