STRENGTH OF MATERIALS

28th November – 5th December 2012

Sponsored by
Centre for Faculty Development
Anna University, Chennai

Organised by
Division of Structural Engineering
Department of Civil Engineering
College of Engineering Guindy
Anna University, Chennai – 600 025

Co-ordinators
Dr. G.M. Samuel Knight
Professor
Dr. K. Chinnaraju
Associate Professor

ABOUT THE DIVISION

The Department of Civil Engineering of Anna University is the oldest in the country. It dates back to May 17th, 1794, when East India Company established a Survey School to train military personnel and surveyors. This has grown to a Civil Engineering School in 1858 and later a Civil Engineering College in 1859.

The Division of Structural Engineering of the Department of Civil Engineering was established in the year 1955 with the main objective of providing higher education in the field of Structural Engineering. The Division has risen to the level of Centre of Excellence in Teaching, Academic and Sponsored research, Consultancy and Continuing Education Programmes.

The Division offers courses to Under Graduate Programmes like Civil Engineering, Agriculture and Irrigation Engineering, Mechanical Engineering, Manufacturing Engineering, Material Science and Engineering, Industrial Engineering, Printing Technology and Mining Engineering apart from offering courses to Post Graduate Programmes in Structural Engineering and Construction Engineering and Management.

PROGRAMME OBJECTIVE

- To train the participants in the concept of deformation of solids, load, stresses and deflection of various structural / machine elements as well as analysis of stresses in two dimensions
- To introduce the subject with numerous examples in order to have better and in depth knowledge.
- To develop theoretical and analytical skills

COURSE COVERAGE

The following topics will be covered:
- Introduction to stress, strain and deformation of solids
- Bending of beams and stress distributions
- Torsion on circular shafts,
- Analysis and design of helical springs
- Deflection of beams
- Theory of columns
- Thin shells and biaxial state of stress
- Strain energy
SPEAKERS

Experienced faculty members of Anna University will deliver the lectures.

REGISTRATION FEE

There is no course fee for the training programme. The number of participants is restricted to 20 only. Participants are selected on first come first serve basis and will be intimated through e-mail. No T.A and D.A will be given.

IMPORTANT DATES

Last date for Receiving application (by e-mail or post) : 15.11.2012
Intimation of selection : 19.11.2012

MAILING ADDRESS

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REGISTRATION FORM

Faculty Development Training Programme on STRENGTH OF MATERIALS
28th November – 5th December 2012

1. Name :
2. Age & DOB :
3. Designation :
4. Educational Qualification :
5. Teaching Experience :
6. Institution :
7. Address for communication :
8. E-mail ID :
9. Mobile Number :

DECLARATION

The information provided by me is true to the best of my knowledge. I agree to abide by the rules and regulations governing the FDTP. If selected, I shall attend the training programme for the entire duration. I also undertake the responsibility to inform the co-ordinator in advance in case of inability to attend the programme.

Date :
Place:

Signature of the Applicant

SPONSORSHIP

Mr./Ms./Dr. ____________________________ is an employee of our college/ institution and is hereby sponsored for the above FDTP. He/She will be permitted to attend the programme, if selected.

Date :
Place:

Signature of the Applicant

Signature & Seal of the Sponsoring Authority