

REGISTRATION FORM

AICTE Sponsored
Faculty Development Programme
on
**LIMIT STATE DESIGN OF
STEEL STRUCTURES**

7th to 20th November 2017

1. Name:
2. Qualification:
3. Designation:
4. Organization:
5. Address for Communication with Pincode:

6. Email:
7. Mobile No:
8. Demand Draft No. and Bank:
9. Amount in Rs.:
10. Accommodation Required: Yes /No
11. Experience in Years:
Teaching/Industry/Research

DECLARATION BY THE PARTICIPANT

The given information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the programme. If selected, I shall attend the course for the entire duration

Date:

Signature of the participant

Signature of the Head of the Institution with seal



ELIGIBILITY

Faculty members working in AICTE approved Engineering colleges / Polytechnic Colleges in the Department of Civil Engineering are eligible to apply. Interested Practising Engineers from industries may also apply.

REGISTRATION

There is no registration fee for faculty members from AICTE approved Institutions. However, participants selected for this FDP are requested to pay an amount of Rs.500/- which is refundable to the participants at the end of the Programme. For Industry persons/Practising Engineers, the registration fees is Rs.10,000/- which is Non-refundable. The fees has to be paid in the form of Demand Draft drawn in favour of "The Principal, Sethu Institute of Technology", payable at Kariapatti.

ACCOMMODATION

Accommodation for participants limited and it will be arranged in college hostel based on First-come First-Serve basis.

The duly filled registration forms along with DD should be sent to :

Dr.K.VIJAI

Professor & PG Program Head
Department of Civil Engineering
Sethu Institute of Technology
Pulloor – 626 115

Virudhunagar District

Contact No: 98941 46978, 98941 25626

Email: vijai_me@yahoo.co.in



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COORDINATORS

Dr.R.KUMUTHA
Dean & HOD
Civil Engineering

Dr.K.VIJAI
PG Program Head
Civil Engineering



Organized by

DEPARTMENT OF CIVIL ENGG.

(Approved Research Centre by Anna University Chennai)

SETHU INSTITUTE OF TECHNOLOGY

AN AUTONOMOUS INSTITUTION | ACCREDITED WITH 'A' GRADE BY NAAC

Approved by AICTE, New Delhi & Permanently Affiliated to Anna University, Chennai

Recognized by UGC under Section 2(f) & 12(B) of UGC Act, 1956

Approved Research Centre for Mech., CSE, ECE, EEE, Civil, Physics & Chemistry by Anna University, Chennai

Mech., CSE, ECE Accredited by NBA, New Delhi, under Washington Accord (Tier-1) & EEE and IT Re-accredited by NBA, New Delhi

PULLOOR - 626 115, KARIAPATTI TALUK. VIRUDHUNAGAR DISTRICT.

ABOUT THE COLLEGE

Sethu Institute of Technology was established in the year 1995 at Kariapatti. Virudhunagar Dist, with the motto of "Knowledge, Service and Progress". The Founder and Chairman, Mr.S.Mohamed Jaleel, renders his noble service since 1995 to the sustained growth of the educationally, industrially, economically backward rural area. The college has grown into a multidisciplinary institution offering 9 UG and 5 PG courses. Our college is an Autonomous Institution and accredited by National Board of Accreditation for 5 UG programmes. Affiliated to Anna University and approved by AICTE, the college offers quality education and technical competencies on the strong foundation of values, ideals and rich culture to the students across the country. The college is equipped with world class infrastructure and highly qualified and experienced faculty members.

ABOUT THE DEPARTMENT

The Civil Engineering Department was established in the year 2007 offering B.E. Civil Engineering and M.E. Structural Engineering Program. The vision of the Department is to become a school of excellence in Civil Engineering education with an emphasis on research for the benefit of the industry and society. The Department of Civil Engineering has well equipped laboratories for Academic, Consultancy and R & D activities. From the inception of the Department students have secured 20 University ranks. The Department is approved as a research centre by Anna University, Chennai. The Department has well qualified faculty with varied experience in areas of structural Engineering, Environmental Engineering, Irrigation Water Management, Soil Mechanics, Geoinformatics etc.

ABOUT THE FDP

During the past one and a half decade, a number of new concepts/knowledge has been developed in structural steel design. Limit State Design, Composite Construction, Earthquake Resistant Design are some of them. Simultaneously related codes are being revised in line with the new concepts. Revision of Indian codes (BIS, IRC etc), in line with American, British and Euro codes etc, is already in progress in India. Hence in order to make relevant updates especially in the design of steel structures, it is proposed to organize a Faculty Development Program on Design of Steel Structures with the objectives to equip the faculty members with state-of-the-art knowledge in structural steel design so as to enable them to impart such knowledge in turn to the students at undergraduate and Post Graduate levels and also act as faculty for training the teachers in similar workshops to be organized in future.

OBJECTIVES

- After attending this programme, the participants will acquire knowledge about the usage of the revised code IS 800-2007 developed for the design of steel structures.
- The Programme will provide a forum for discussion and dissemination by researchers and designers of recent advances in the analysis, behaviour, design and construction of steel structures.
- This programme will enhance the teaching skills of the faculty members in the area of steel structures and to provide an opportunity to acquire knowledge about current technological developments in the design of steel structures.

CONTENTS OF FDP

- Limit State Design concepts
- Design of bolted and welded joints

- Design of eccentric connections
- Design of tension members
- Design of connections in tension members
- Design of compression members
- Design of laced and Battened type columns
- Design of column bases and Gusseted Base
- Design of laterally supported and Unsupported beams
- Design of Beams subjected to uniaxial and biaxial bending
- Design of Plate girders
- Design of Purlins and roof trusses
- Design of Gantry girders

PATRONS

Mr.S.Mohamed Jaleel
Founder & Chairman, SIT

Mr.S.M.Seeni Mohaideen
Chief Executive Officer, SIT

Mr.S.M.Seeni Mohamed Aliar Maraikkayar
Joint Chief Executive Officer, SIT

Dr.A.Senthil Kumar
Principal

RESOURCE PERSONS

Highly qualified and experienced faculty members from premier institutes like IIT, NIT, Anna University and other reputed institutions and Experts from industries and R & D laboratories will handle the sessions.

IMPORTANT DATES

Last date for registration : 25.10.2017
Confirmation by email : 30.10.2017