About the College

Sri Venkateswara College of Engineering (Autonomous) a premier self-financing engineering college was started in the year 1985 and is managed by Sri Venkateswara Educational and Health Trust. The college conducts 10 BE / B.Tech Programmes, 10 PG Programmes in Engineering approved by Anna University, Chennai. The College attained autonomous status in the year 2016. The courses are approved by AICTE and affiliated to Anna University, Chennai. The college is accredited by National Assessment and Accreditation Council (NAAC). The National Board of Accreditation (NBA) has accredited many of the eligible programmes. The college is an IRQS ISO 9001:2015 certified institution. The college is situated in a quiet environment about 37 Kms from Chennai and situated on the way of Chennai – Bangalore National Highway (NH4) at Pennalur, Sriperumbudur, in Kanchipuram district.

About the Department

The Department of Civil Engineering was started in the year 2008 with intake of 30 students. The intake has been increased to 60 students in the year 2013. The department has well qualified faculty and is running undergraduate course successfully for the past 11 years. Our students are securing Anna University ranks every year. Some of the students doing higher studies at abroad. The Department is providing a very good platform for students to do projects on any aspect in civil engineering with the help of Professors from different specialization.

About the FDP

The FDP on strength of materials aims to provide thorough knowledge about the concepts in the subject and it will be extremely beneficial to the young faculty members from Engineering colleges affiliated to Anna University to enrich their knowledge and to deliver quality teaching.

Objectives

- To learn fundamental concepts of Stress, Strain and deformation of solids with applications to bars and beams.
- To know the mechanism of load transfer in beams, the induced stress resultants and deformations.
- To understand the effect of torsion on shafts and springs.
- To analyse a complex two dimensional state of stress and plane trusses.
- To estimate the load carrying capacity of columns and to design cylinders.

Course content

- Deformation of simple and compound bars, Thermal stresses, Elastic constants and Stresses on inclined planes
- Shear force, Bending moment and stresses in beams
- Slope and Deflection of determinate Beams
- Torsion of Shafts, leaf and helical springs
- Plane Trusses
- Cylinders and columns

Six Days Faculty Development Programme
On
STRENGTH OF MATERIALS
June 4 - 12, 2019

Coordinators
Dr. P. Venkateswara Rao, Prof. & HOD/c
Mrs. Ruby Freya, Asst.Prof.

Organized by
Department of Civil Engineering
Sri Venkateswara College of Engineering
Pennalur, Sriperumbudur (TK), Tamil Nadu, 602 117,
Phone No : 044-27152000, Extn-476

In association with
Six Days Faculty Development Programme
On
STRENGTH OF MATERIALS
June 4 - 12, 2019

Registration Form

1. Name:

2. Age and DOB:

3. Designation:

4. Name of the Institution:

5. Address for the Communication:

6. Contact No:
E-mail:

7. Professional Experience (in years):

Payment Details
D.D. No.:
Bank :
Amount:

Target audience

The course is offered to faculty from department of Civil, Mechanical, Automobile, Marine and Chemical engineering.

Registration fee

- Registration fee of Rs 1000/- per participant includes FDP kit, Snacks, lunch and certificate.
- Registration fee can be paid by Demand Draft drawn in favour of “The Principal, SVCE, Sriperumbudur” payable at Indian Bank, Sriperumbudur.
- The registration is restricted to 30, with first come first basis.
- No TA/DA will be provided. The participants can use the college bus for to and fro journey.
- The registration form can be downloaded from college web site, www.svce.ac.in.
- All the FDP materials will be providing as soft copy (CD format) at the end of the FDP.

Registration form along with DD to be sent to:
hodce@svce.ac.in
(9445229344)
Or
rubyfreya@svce.ac.in
(9940481279)

Signature of the Applicant

Resource Persons

Eminent resource persons from IITM, IIITDM & Anna University.

Organizing Committee

Chief Patron
Dr.M.Sivanandam
Secretary,
Sri Venkateswara College of Engineering

Patron
Dr.S.Ganesh Vaidyanathan
Principal,
Sri Venkateswara College of Engineering

Coordinators
Dr.P.Venkateswara Rao,
Professor & HoD i/c,
Department of Civil Engineering, SVCE

Mrs. Ruby Freya,
Assistant Professor,
Department of Civil Engineering, SVCE

VENUE: Sri Venkateswara College of Engineering

Important Dates

Submission of Application: 30.05.2019
Intimation of selection: 01.06.2019
Confirmation by Participants: 03.06.2019