Sree Vidyanikethan Engineering College was established in the year 1996 by Sree Vidyanikethan Educational Trust (SVET) under the stewardship of Dr. M. Mohan Babu, a renowned film artiste and former Member of Rajya Sabha with the noble objective of promoting Technical Education in the backward region of Rayalaseema. The College is situated in lush green and scenic surroundings, 15 km from the temple-town of Tirupati on the Tirupati-Madanapalli National Highway (NH-205). The College is well connected by RTC Buses plying between Tirupati-Piler- Madanapalli every 10 Minutes.

The College is approved by All India Council for Technical Education, New Delhi and is affiliated to Jawaharlal Nehru Technological University Anantapur, Anantapur. University Grants Commission (UGC), New Delhi has conferred Autonomy to the College for a period of six years with effect from the academic year 2010-2011. The College established in 1996 with an initial intake of 60 in each of the three branches EEE, ECE and CSE has registered spectacular growth in a span of 15 years and now the College offers 8 UG courses & 9 PG courses.

Department of Mechanical Engineering

The Department of Mechanical Engineering in Sree Vidyanikethan Engineering College was established in 2011 with an intake of 60. In the year 2012-13 intake has been increased to 120 students besides starting a diploma course with an intake of 60 students. This year 2013-2014 intake has been increased to 180. The Department also meets AICTE norms for cadre ratio. Most of the faculty members have PG/Ph.D qualifications. The Department is also supported with eight lab technicians. Mechanical Engineering is the mother of all branches. The contribution of this branch is enormous in the growth of technology over the centuries.

The City

Tirupati is a major pilgrimage and cultural city in the Chittoor district. It is the largest city in the Rayalaseema region. It is located at the foothills of the Eastern Ghat, 550 kilometres south of Hyderabad, the capital of the state, 250 kilometres east of Bangalore, 65 kilometres from Chittoor, and 150 kilometres north of Chennai. Tirupati is famous for temple of Lord Venkateswara Swamy. It is situated 20 Kilometers North West of Tirupati in the Tirumala hills at an elevation of 853 meters. One of the most important pilgrimage centers in the World, the temple draws millions of pilgrims and is the busiest pilgrimage centre in the world. Tirupati city itself has several temples and is famous for its red wooden toys, copper and brass idols. Also, the city is a major economical and educational hub in the southern region of the state.

Objective of the workshop

The main objective of this workshop is to provide core knowledge of the fundamentals of CFD and an introduction to the methods and analysis techniques used in CFD. It also provides an introduction to the use of commercial CFD codes to analyse flow and heat transfer in problems of practical engineering. This workshop gives knowledge on computational fluid dynamics (CFD) and numerical heat transfer (NHT) modeling technology for thermo-fluid related applications. It will also give you a proper background for the intelligent and appropriate use of commercial CFD packages.

Course Content

- Basic concepts of turbulence modeling, Meshing of Structured and unstructured domains
- pre-processing, processing and post-processing of fluid flow and heat transfer problems – Case studies

Resource Persons

Experts from premier institutes and industries.

Eligibility

This program is open to all the faculty of AICTE approved Engineering colleges and engineers from industry.

Registration fees: No Registration fees (Participants are selected on first come first serve basis, selected participants will be informed through e-mail only)

Important Dates

1. Last date for Registration : 4th April, 2014
2. Intimation to Registered Participants on 5th April, 2014

Convener

Dr. T. Hariprasad,
Professor,
Department of Mechanical Engineering,
Sree Vidyanikethan Engineering College,
A. Rangampet - 517 102, Andhra Pradesh.
Mobile: +91-9885404470
Office: 0877 – 2236711 (4 lines) Ext. 482
Fax: +91 877 – 2236717
Email: thprasads@gmail.com

For details visit www.vidyanikethan.edu.
REGISTRATION FORM

A Two Day National Workshop
On
COMPUTATIONAL FLUID DYNAMICS
11th – 12th April, 2014
(Under TEQIP-II)

1. Name: ________________________________
2. Designation: _______________________________
3. Qualification: _________________________________
4. Department: __________________________________
5. Organization: __________________________________
6. Phone No.: ____________________________
7. Email: _______________________________
8. Address for Communication

__________________________________________
__________________________________________

Place: ___________________ Signature of the Applicant
Date: ___________________

Place: ___________________ Signature of the Sponsoring
Date: ___________________ authority with seal