



International Conference on Engineering and Technology

April 18 - 20, 2012

Sri Venkateswara College of Engineering and Technology

(Approved by AICTE New Delhi & Anna University Chennai)
Thirupachur-631 203, Thiruvallur, Tamilnadu, India.



Technical Co-Sponsored



International Conference on Engineering and Technology

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About SVCET

Sri Venkateswara College of Engineering and Technology was promoted by Sri Venkateswara Educational and Cultural Trust, Chennai.

The institution was established in the year 1999 with a clear goal of providing quality education for the benefit of students of underprivileged, downtrodden of the Telugu Linguistic Minority in the area of Thiruvallur and the adjoining areas where Telugu Migrants predominantly inhabit.

The college started functioning from the academic year 2000-2001 with the approval of AICTE, New Delhi and affiliated to Anna University, Chennai from 2001 onwards (Previously affiliated to University of Madras up to 2001), with three under graduate programmes namely Computer Science and Engineering, Electrical and Electronics Engineering and Information Technology. In the year 2002 Electronics and Communication Engineering was introduced with an intake of 60 students. B.E Civil Engineering and Master of Computer Application courses were introduced in the year 2003. Master of Business Administration and B.E. Mechanical Engineering courses were introduced in the year 2004 and 2005 respectively. As another milestone, M.E (VLSI) was introduced in 2011. Subsequently, M.E (Power Electronics&Drives) and M.E. (Computer Science and Engineering) were added in 2012. At present the Institution functions with Six Under Graduate courses and Five Post Graduate courses.

The college was certified by ISO 9001:2000 from the year 2003 and accredited by National Board of Accreditation, New Delhi in May 2009.

The Civil Engineering department was ranked 'First' by Anna University, Chennai in the year 2009. The Department of Electrical and Electronics Engineering got permanent affiliation from Anna University, Chennai in 2001.

The Institution spreads over 27.8 acres with a buildup area over 2, 52,000 sq. ft. All the laboratories and workshops are fully equipped. The Library spreads over 6,000 sq. ft and stacked with more than 28,000 volumes of books which includes Engineering & Technology, Management, Computer Applications and Science and Humanities. 186 National and International journals along with online journal through DELNET are also available in the library for the reference of the students. Five acre land is exclusively made for sports for both indoor and outdoor games with a world class Gymnasium inside the premises.

Chairman's Message



Dr.K.C. Vasudevan
Chairman

The happenings are profound when it reaches its apex and the extract of the same can turn a galore into an **extravaganza**, the same thought overwhelmed me when I thought of putting a few words about the conference. My pen says me to portray few thoughts about the same. My happiness is spellbound and it is a work of a rational being to venerate a good thing with blossoming words. I see the International Conference on Engineering and Technology is the best **one** of its kind and a major milestone in the academic building of our institution. The inscribed scientific and scholarly letters in the souvenir provokes me to glide through it to understand the theme in a better manner.

We, in Sri Venkateswara College of Engineering and Technology, commit ourselves to provide better elevation and constant growth in all the aspects. This book is better example for the same. It is indeed a pleasure and happiness to see the mosaic of culture and integration of scientific maestros culminated together under the aegis of International Conference on Science and Technology here.

I wish them all the best and a grand success!

A handwritten signature in green ink, appearing to read 'K.C. Vasudevan', with a horizontal line underneath.

Dr.K.C.Vasudevan
Chairman

Principal's Message



Dr.P. Suresh Mohan Kumar
Principal, SVCET

It is a joyful occasion to see this souvenir through the hour glass of the timeline of our institution. The painful work is always rewarded, putting the same in mind, our convenors and the platform creators gave a wonderful opportunity to demonstrate the vibrant thoughts.

I hope the delegates and the well wishers to get the wholesome knowledge and share their profound knowledge in the event. The conference is aimed to show the synergy of all the departments in the Engineering and Technology genre. And I profusely thank all the delegates from India and outside for making their contributions in their coveted fields.

A handwritten signature in black ink, appearing to read 'Suresh'.

Dr.P. Suresh Mohan Kumar
Principal, SVCET

HOD's Message



Prof. P. Rethina Sabapathi
HOD/CSE

I am glad to announce that the department of Computer Science & Engineering organizes the International Conference on Engineering & Technology 2013(ICET2k13) on 18 – 20th April 2013.

This conference brings out the idea of dynamic researchers to discuss with eminent personality to enhance their research ideas to the Computer Science engineering society.

It brings the great knowledge meet for the computer science and information technology professors, researchers, students and industry persons to share their minds and shape up to high research approaches.

I wish to the conference is a grand success.

A handwritten signature in blue ink, appearing to read 'P. Rethina Sabapathi'.

Prof. P. Rethina Sabapathi
HOD/CSE

MESSAGE FROM THE KEYNOTE SPEAKER

Welcome to the International Conference on Engineering and Technology (ICET 2K13) Conference, 18-20 April 2013, Thiruvallur, Tamilnadu, India. As the Key-Note Speaker of the conference, I am delighted and absolutely grateful for being offered this honor.



Our countries have growing links going back over many years, particularly in the area of higher education. It is a fact that many of engineering departments worldwide have been the fortunate recipients of Indian students and postgraduates who have enhanced cultural diversity and become able and motivated engineers and academics to the mutual benefit of mankind. I have, over the years, met many of them in a variety of roles as a colleague, a supervisor, an examiner and an instructor. As an editor, I have strong relations with Bonfring, the technical co-sponsor of the event, and hence I am a great supporter of the activities of Sri Venkateswara College of Engineering & Technology.

I congratulate the members of the organizing committee who have all been working hard to make this conference an enjoyable informative experience and make the best use of this recognized scientific event.

As always, the ICET 2K13 adds much to humankind's knowledge in engineering and technology. This year's conference will draw attendance from leading academic scholars, researchers and professionals who will present and discuss the latest topics in contemporary and prospective engineering issues. As this event has continued to grow, we wanted to focus more on the tremendous research and technology advances of electrical power, electronics and computer engineering as well as information technology throughout the region.

The conference venue is in the fascinating Tamilnadu, where participants will find a harmonious blend of history, culture, cuisine, arts and architecture along with excellent shopping opportunities. The conference is shaping up to be an intellectually stimulating and socially rewarding event. I believe that ICET 2K13 will yield fruitful results for global society through presentations and discussions by the distinguished participants. The knowledge you scholars are bringing to the conference will contribute greatly to the depth and breadth of this annual scientific event.

An important and vital aspect of any conference is the social interaction of the participants. With your participation, we can make this conference a success. I am looking forward to see you there.

Dr Heba Hassan (*SMIEEE, MIET, Associate of the Higher Education Academy - United Kingdom*)

Heba A. Hassan

Assistant Dean,
College of Engineering,
Dhofar University,
Salalah, Dhofar,
Sultanate of Oman

**Dr Hassan is on Sabbatical Leave from Electrical Power and Machines Department, Faculty of Engineering, Cairo University, Egypt.*

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