



International Conference on Engineering and Technology

April 18 - 20, 2012

Sri Venkateswara College of Engineering and Technology

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



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Proceedings of the 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 intake of 60. The Civil Engineering and Master of Computer Application was introduced in the year 2003. The Master of Business Administration and Mechanical Engineering departments are introduced in the year 2004 and 2005 respectively. The another P.G course(M.E- VLSI) was introduced in the year of 2011. At present the Institution functions with six under graduate courses in Engineering & Technology and three post graduate courses.

This institution was certified by ISO 9001:2000 in the year 2003. It accredited status in May 2009 from National Board of Accreditation, New Delhi and was certified by ISO 9001: 2008, in 2009 .

The Civil Engineering department of this Institution 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

The Institution spreads over 27.8 acres with buildup area over 2, 52,000 sqft. All the laboratories and workshops are fully equipped. The Library Spreads over 6,000 sqft and stocked with more than 28,000 volumes of books includes Engineering & Technology, Management, Computer Applications, Science and Humanities and 186 National and International journals along with online journal through DELNET are available in the library. Five acres exclusively for sports for both indoor and outdoor games and world class Gym.

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Bonfring Conveys its Hearty Wishes to ICET 2K12

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. Vasudevan'.

Dr.K.C. Vasudevan
Chairman

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 dark ink, appearing to read 'Suresh'.

Dr.P. Suresh Mohan Kumar
Principal, SVCET

Message



G. Thomas Bellarmine, Ph.D., P.E.,
Professor & Program Area Coordinator Electronic
Engineering Technology
Division of Engineering Science Technology
(A&M University, Florida, USA)

It is my extreme privilege and honor to write this message on the occasion of the International Conference on Engineering and Technology (ICET2K12), scheduled to be held on 18 and 19 April 2012. This Conference provides opportunities for interaction among experts in their areas of interest and promotes linkages for collaborative research. I congratulate and compliment the organizers for their efforts in organizing this conference.

Everywhere in this dynamic world, we can notice that not a single day passes without change particularly in the field of Engineering and Technology. These changes bring improvement in our life and bring sustainable benefits to the society. I am happy that departments of CSE, ECE, Civil, EEE, MCA and MBA, in Sri Venkateswara college of Engineering, have chosen the important right direction in organizing this conference. I am quite sure that the presentations and deliberations of this Conference would create the vision and success of experienced and eminent researchers and academicians, which in turn will help to improve the quality and cost effectiveness of Engineering and Technology.

My heartiest congratulations to Organizers, Principal, Faculty, Staff and Students of this Institution for their extreme hard work and cooperation in bringing out the success of this conference. Special thanks to the reviewers for their dedication in submitting their reviews with valuable recommendations on time and all the sessions chair who conducted the sessions of the conference.

As a Faculty of Engineering Technology for the past 25 years, I am pleased to share with you my enthusiasm for this college and its people. I am proud of your academic excellence, work force development and community involvement.

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