

ABOUT THE INSTITUTION

Velammal Engineering College (VEC) is chaired by dynamic Shri. M. V. Muthuramalingam, a Professional Engineer and proven personality with hands on experience in imparting perfect education through 33 Educational Institutions belonging to Velammal Educational Trust which was established in 1986. VEC is approved by All India Council for Technical Education (AICTE) and is affiliated to Anna University, Chennai. It is an ISO 9001:2008 certified institution and is also accredited by NAAC. VEC is one among the top 10 self – Financing Engineering institutions in Tamilnadu. VEC is recognized as a nodal center under TIFAC-CORE, DST, New Delhi. MOUs are signed with reputed organizations in India and abroad. Presently, VEC offers 9 Under Graduate Program and 9 Post Graduate Programs in various branches of Engineering and Technology.



ABOUT THE DEPARTMENT

The department of Electronics and Instrumentation Engineering was established in the year 2002. It offers under graduate program in Electronics and Instrumentation Engineering and post graduate program in Control & Instrumentation Engineering and it is accredited by National Board of Accreditation. The department caters to the ever challenging needs of technical excellence in all areas of Instrumentation and Process Control Engineering. The department is equipped with Virtual Instrumentation centre and advanced laboratories like Process Control Laboratory, Industrial Automation Laboratory etc. VEC-NI Virtual Instrumentation centre is a collaborative centre started in year 2010 by VEC and National Instruments, USA, which is the second centre in India in the field of Virtual Instrumentation. Department has consistent placement record since the inception.



CONFERENCE SCOPE

Innovation is the true source of value. Over the past few decades, innovation and technology have given industrial automation new surges of growth. Industrial Automation will generate explosive growth with technology related to sensors, intelligent robots and sophisticated machines etc. Since the remote controlled automation is making headway in manufacturing settings and maintenance applications, communication support of a very high order is available for automated processes. Today's engineers have to keep abreast of these emerging trends through research and development. This conference will bring academicians, research scholars and industrialists together to exchange their ideas and present their research findings in the area of Control, Automation and Instrumentation.

The conference topics included but not limited to the following broad areas:

- Linear/Nonlinear control
- Adaptive & Optimal control
- Network based control
- Model predictive control
- Intelligent control
- Wireless sensor networking
- VLSI design
- Embedded systems
- Microprocessor based control
- Image and signal processing
- Navigation control and algorithm
- Robotics and Communication
- MEMS and NANO sensor
- Sensor fusion and Optical Sensor
- Biometric sensor
- Medical system and Control
- IoT, Big data
- Cloud Computing
- Mechatronics
- Chemical Engineering

5th National Conference on **TRENDS IN INSTRUMENTATION AND AUTOMATION (NCTIA-2017)** Registration Form

Dr./Prof./Mr./Ms. :

Designation :

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candidate

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head of the
institution
(with seal)

Note: Photo copies of the registration forms can also be used in case of necessity. Separate registration forms must be submitted in case multiple authors intend to attend the conference.

GUIDELINES FOR SUBMISSION

Paper should be in standard two columns IEEE format, limited to a maximum of 5 pages, including figures and tables.

Important dates

First draft submission : 12.03.2017
Acceptance notification : 15.03.2017
Camera ready submission : 23.03.2017

Registration Fee

Delegates from Academic/ R& D Institutions and Industries : Rs. 1500
Research scholars/ Students : Rs. 1000

DD should be drawn in favour of "Velammal Engineering College - PRJ", payable at Chennai.

At least one of the authors of a paper should register for the conference on or before **31th March 2017** in order to include the paper in the conference proceedings.

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CONFERENCE ORGANIZATION

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5th National Conference

on

TRENDS IN INSTRUMENTATION AND AUTOMATION (NCTIA - 2017)



5th April 2017



Organized by

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