NATIONAL SYMPOSIUM ON INSTRUMENTATION (NSI-32)

24-26 October 2007

FIRST ANNOUNCEMENT AND CALL FOR PAPERS

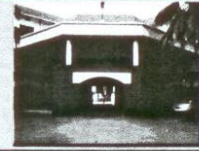### Focal Theme : INDUSTRIAL AUTOMATION AND PROCESS CONTROL

Organizers

Instrument Society of India
Department of Instrumentation
Indian Institute of Science
BANGALORE 560 012
Karnataka

K.S.Rangasamy College of Technology (CNST & ECE)
K.S.R.Kalvi nagar
Tiruchengode - 637 209
Tamilnadu

Venue

K.S. Rangasamy College of Technology
K.S.R. Kalvi nagar, Tiruchengode 637209
Tamilnadu

Topics

The National Symposium on Instrumentation will cover different areas of instrumentation, focusing on the recent developments. In view of the focal theme for NSI-32 invited talks & contributed paper presentation are specially invited in the following areas.:

1. Optical & Medical Instrumentation
2. Medical Imaging
3. Sensors, Transducers and MEMS
4. Bioinformatics & Medicine
5. Process control and automation
6. Robotics (Medical / Industrial)
7. Nuclear Instrumentation (Medical / Industrial)
8. Industrial Automation
9. Environmental Instrumentation
10. Thermal, Cryogenic, Vacuum and Nano Instrumentation
11. Virtual and Intelligent Instrumentation
12. Analytical Instrumentation

Sponsors

All India Council for Technical Education (AICTE)
Council of Scientific & Industrial Research (CSIR)
Defence Research & Development Organisation (DRDO)
Department of Atomic Energy / BRNS
Department of Space / ISRO
Department of Science & Technology (DST)
Ministry of Communication and IT, Dept. of IT
National Instruments (NI), Bangalore

Satellite Programmes

1. Virtual Instrumentation (23rd October 2007)

A one day tutorial cum lab session on 'Virtual Instrumentation' based on LabView' sponsored by M/s. National Instruments.

Programme Highlights

Contributed papers - An extended abstract of paper not exceeding 4 pages, based on the original work may be submitted. Subject category of the paper also to be indicated. It is planned to have both Oral and Poster presentations. The authors may indicate their choice while submitting the abstracts

Panel discussion - A panel of experts in respective field of instrumentation will meet to identify and resolve inter-disciplinary research problems.

Best Paper Award - Five best papers selected from both oral and poster presentations will be rewarded with cash prize and certificate of merit.

Invited Lectures - about 12 lectures are delivered by scientists/ engineers on various areas of instrumentation and focal theme

Souvenir - Souvenir will contain the extended abstracts of invited and contributed papers. Advertisements from reputed instrument manufacturers are invited.

Product Exhibition - An exhibition by manufacturers of scientific instruments will help reach the end users in R&D field.

ISOI AWARD 2007 - This award would be presented to an outstanding scientist / engineer for significant contribution to the cause of instrumentation in India.

Professor Satish Dhawan Memorial Lecture - The memorial lecture, 5th in the series , is a significant event during National Symposium on Instrumentation. It will be delivered by eminent scientist / technologist.

'Students Bulk Registration Scheme' - An innovative registration scheme is being introduced to encourage the participation of students in NSI-32. Under the scheme, a group of students / research scholars from an institution (with a minimum of 10 students @Rs.700/- per student) can register.

Project presentation - an exhibition of hardware and software projects undertaken and the working models developed by students is planned.

Publication in Journal of the Instrument Society of India (Q) It is proposed to publish the papers presented during the conference in the Journal of Instrument Society of India after regular review process. At least one of the authors has to register for the conference and present the paper.

Important Dates

Last date for submission of abstracts	31 JUL 2007
Intimation of acceptance of paper	30 AUG 2007
Last date for payment of Registration Fee	15 OCT 2007
Spot Registration (for the duration of NSI-32)	24 OCT 2007

For further details visit us at
www.isoi.in
Phone/Fax: 080 23604533
Email: isoi@isu.iisc.ernet.in

Registration Fee*

a) Life Members	Rs.1,500
b) Non-Members	Rs.2,000
c) Students	Rs.1,000
d) Bulk Registration for college students (for a group of 10 @Rs.700 per student)	Rs.7,000
e) Satellite Programme	Rs. 500

*Registration Fee payable by bank draft drawn in favour of '**Instrument Society of India**' payable at **Bangalore**

Particulars of enquiry

For payment of Registration Fee
For online Registration
For Souvenir advertisement

Contact person and address for correspondence

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Department of Instrumentation
Indian Institute of Science

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