

NATIONAL SYMPOSIUM ON INSTRUMENTATION (NSI-33)

8th to 10th, December 2008

FIRST ANNOUNCEMENT AND CALL FOR PAPERS

Focal Theme : INSTRUMENTATION FOR STRATEGIC AREAS

Organizers



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



AU College of Engineering (Autonomous)
Andhra University
Visakhapatnam - 530 003
Andhra Pradesh

Venue
AU College of Engineering (Autonomous)
Andhra University, Visakhapatnam - 530 003
Andhra Pradesh

Topics

The National Symposium on Instrumentation will cover different aspects of instrumentation, focusing on the recent developments. In view of the focal theme, NSI-33 will consist of invited talks & contributed paper presentation are specially invited in the following areas:

- Agriculture Instrumentation
- Sensors (wireless, bio-soft, smart, intelligent, nano) Transducers & MEMS
- Bio informatics & Biomedical Instrumentation
- Optical and Optoelectronic Instrumentation
- Environmental Instrumentation
- Nano Metrology
- Robotics
- Industrial Automation and Process control
- Virtual & Intelligent Instrumentation
- VLSI & Intelligent Instrumentation application & control
- Instrumentation for Defence, Atomic Energy and Space applications
- Electromagnetic Interference / Compatibility & applications
- GPS and applications
- Radar & Satellite Instrumentation
- Communication Instrumentation
- Nano Electronics and Antennas
- Stealth Technology
- Marine Electronic Instrumentation etc.

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

WORKSHOP ON MEMS

A two day workshop on 'MEMS' sponsored by ISSS will be organized during 6-7 December. This course is aimed at training college teachers and students on the relevance of MEMS as a study subject. Such workshops have already been conducted several times for the benefit of teachers of NITs, VTU, etc.

Registration Fee for the workshop: Rs.1000

Programme Highlights

Contributed papers - An extended abstract of paper not exceeding 300 words, 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. The abstracts have to be uploaded in the symposium website.

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 - 2008 - 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, 6th in the series, is a significant event during National Symposium on Instrumentation. It will be delivered by eminent scientist / technologist.

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 17th October 2008
Intimation of acceptance of paper 24th October 2008
Last dates for submission of manuscripts 14th November 2008

Registration Fee*

a) Life Members	Rs. 1500
b) Non-Members	Rs. 2000
c) Students	Rs. 1000
d) Bulk Registration for college students (for a group of 10 @Rs.700 per student)	Rs. 7000
e) Workshop on MEMS	Rs. 1000

Local Organising Committee

Chief Patron Prof. B Satyanarayana
Hon'ble Vice-Chancellor

Patron Prof. Allam Appa Rao,
Principal

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For Registration and other details:

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For accommodation, exhibition stalls, local hospitality / arrangements, Intimation of travel