

About the Workshop:

In recent times, the intelligent sensing technology, instrumentation and control have been widely used in many applications such as monitoring environmental parameters, monitoring and control of industrial situations, intelligent transportation, and structural health monitoring, health care and so on. The advancement of electronics, efficient control algorithm, embedded controller, smart wireless sensors, and communication have made this development possible. In conformity with the same, the prime objective of this workshop includes nurturing of the basic knowledge, mutual sharing, exposure to the recent developments and scope of innovation in these emerging fields.

About the Institute:

National Institute of Technology (NIT), Silchar is one of the 30 NITs of India and was established in 1967 as a Regional Engineering College in Assam. In 2002, it was upgraded to the status of NIT and was declared as Institute of National Importance under the NIT Act, 2007. NIT Silchar is a fully residential institution. It has six engineering and five non-engineering branches offering undergraduate, post-graduate and doctoral degree in various fields of science, technology, and management.

About the Department:

The Department of Electronics & Instrumentation Engineering was established in 2009. The department currently offers B. Tech. degree in Electronics and Instrumentation and M. Tech. degree in Instrumentation. The department is actively engaged in teaching as well as research. The department offers doctoral degree in various fields like intelligent instrumentation, control, signal processing, communication, active noise control, brain computer interface, drug delivery, VLSI, and energy systems. The department has several well equipped laboratories for the regular course as well as research.

National Workshop
On
**Intelligent Sensing,
Instrumentation & Control**
(ISIC 2017)
(Under TEQIP-II)

30th January to 3rd February, 2017



Organized by:
**Department of Electronics and Instrumentation
Engineering**



National Institute of Technology Silchar
(An Institute of National Importance)
Silchar, Cachar, Assam, India, PIN-788010

Resource Persons and topics

Experts	Topics
Prof. Siddhartha Sen, Prof & Head, Dept. of EE, IIT Kharagpur, WB	MEMS sensors
Prof. Prabir Kr. Saha, Professor, Dept. of Chemical Engg., IIT Guwahati, Assam	Internal model Control
Mr. Shantanu Das, BARC, Mumbai	Fractional calculus in technological development
Prof. Rajib Bandyopadhyay, Professor, Dept. of Instrumentation & Electronics Engg., JU, WB	Intelligent sensors
Mr. Anujit Dutta, Senior Manager (Instrumentation) HPCL, Panchgram, Assam	Instrumentation in paper industry
Dr. Saurabh Pal, Associate Professor, Dept. of Applied Physics, CU, WB	Biomedical instrumentation
Mr. Avik Saha, Scientific Officer, Indira Gandhi Centre for Atomic Research, Kalpakkam, Tamil Nadu	Instrumentation in nuclear power plant
Prof. Bhaskar Gupta, Professor, Dept. of ECE, JU, WB	Analytical instrumentation
Mr. Abhijit S. Chowdhury, Guwahati Refinery, IOCL, India	Instrumentation and control in oil and gas industry
Vinod Kumar Kesavan Deputy Supt. Engg. (Inst), ONGC Silchar	Role of Instrumentation and control in the upstream of oil and gas industry

Important Dates:

Registration Deadline: 15th January 2017
(DD in original should be submitted on the first day of the workshop i.e., 30th January 2017)

Eligibility

- Faculty from Educational Institutions
- Students & Research Scholars
- Industry Persons

Registration fees:

Faculty: ₹ 1,500/-
Student / Research Scholar: ₹ 500/-
Industry Person: ₹ 2,500/-

Registration Procedure:

External participants have to make payment via DD of the required amount in favour of **Director NIT Silchar, Payable at State Bank of India, NIT Silchar branch.** Brochure and registration form can be downloaded from the institute website: <http://www.nits.ac.in>.

Submission deadline: Scanned copy of Registration form along with DD required to be sent via email (manas.bera@gmail.com) on or before **15th January 2017.**

The hard copies of original registration form and DD have to be submitted before the commencement of workshop at the registration desk.

Internal participants do not require registration fee to attend the workshop. However, registration is a must and subject to availability of seats. Scanned copy of Registration Form is required to be sent via email (manas.bera@gmail.com) on or before **15th January, 2017.** The hard copy of original registration form has to be submitted before the commencement of workshop, at the registration desk.

Accommodation, Travel and General Information

All the out station participants will be provided accommodation on payment basis in the Guest House/Hostels of the Institute. No TA and DA will be paid to the participants. Participants will be provided high tea and lunch during the days of workshop, i.e., from January 30 – February 03, 2017. Participants will be provided registration kit & course material.

How to Reach NIT Silchar

There are daily flights from Kolkata, Guwahati. Taxis are available from Airport to NIT Silchar, Silchar is also well connected by road and train.



Dr. A. P. J. Abdul Kalam Learning Resource Centre

PATRON

Prof. R. Gupta, In-Charge Director, NIT Silchar

CHAIRMAN

Dr. Rajdeep Dasgupta, HOD, Dept. of E&IE

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Mr. T. Bachhar, Assistant Prof., Dept. of EIE
Mr. K. Mondal, Assistant Prof., Dept. of EIE
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On
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**Department of Electronics and Instrumentation Engineering
National Institute of Technology Silchar**

Registration Form

Name (Block):	
Gender: M/ F/Other	
Designation:	
Organization:	
Mailing Address:	
Contact Number:	
Email:	
Educational Qualification:	
DD No:	
Bank:	
Date:	
Required Accommodation (Paid): YES / NO	
Signature(with Date)	