

CONTACT ADDRESS:

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TARGET PARTICIPANTS:

Faculty members from Engineering Colleges.

REGISTRATION FEE:

Registration fee: 400 / -

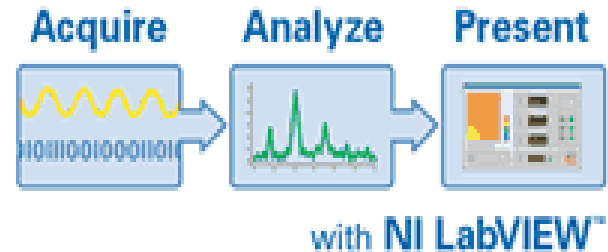
Registration charges include registration kit, local hospitality and refreshment. The number of participants is limited to 50 based on first come first serve.

PAYMENT MODE:

The Registration form in the prescribed format, duly recommended by the Head of the Institution along with a non-refundable DD drawn in favor of “**The Principal, SSN College of engineering**”, payable at **Chennai** on or before **5th June 2008** to be sent to the contact address at the earliest.

Venue: Seminar hall/ BME, SSNCE

Last date of Registration: 05-06-2008

**OBJECTIVES:**

Biomedical signal acquisition has greatly advanced over the years. With the increasing performance of personal computers, PC based signal processing systems are becoming an efficient and cost effective way of acquiring and analyzing these signals. There are many software packages available for the acquisition and analysis of biomedical signals in general. Of these packages NI **LabVIEW** is a graphical development environment for creating flexible and scalable test, measurement and control applications rapidly and at minimal cost. With **LabVIEW** engineers and scientists interface with real worlds signals, analyze data for meaningful information and share results and applications.

TOPICS COVERED:**12-06-08 (Thursday)**

- 08.30 – 09.00 - Registration
- 09.00 – 09.30 - Inauguration
- 09.30 – 11.00 - Key note on “Virtual Instrumentation In Engineering Education”
- 11.00 – 11.15 - Break
- 11.15 – 12.15 - Introduction LabVIEW Environment
- 12.15 – 13.00 - Lunch
- 13.00 – 15.30 - Hands on Experience in LabVIEW Programming

13-06-08 (Friday)

- 08.30 --10.00 - Introduction to Signal Conditioning, Data Acquisition concepts
- 10.00 – 10.15 - Tea Break
- 10.15 --11.15 - Hands on Experience in Acquire, Analyze & Automate for Bio Medical Signals
- 11.15 – 12.15 - Graphical Programming tool for DSP Applications using DSK TMS320C6713 & **NI SPEEDY 33**
- 12.15 – 13.00 - Lunch
- 13.00 – 15.00 - Virtual Instrumentation for Bio Medical Image Processing
- 15.00 – 15.15 - Tea Break
- 15.15 – 15.45 - Valedictory & Certificate Distribution

**Two Days
 Hands on training and
 Workshop on
 Biomedical Applications
 Using
 NI LabVIEW
 June 12-13, 2008**

REGISTRATION FORM

Name :

Designation :

Department :

Institution :

Address :

Mobile No :

Email ID :

PAYMENT DETAILS:

D.D.No: _____ Date: _____

Amount Rs: _____ Bank: _____

Place :

Signature & Date :

Mr./Mrs./Dr. _____ is an employee of our institution and permitted to attend a **Two day Workshop** on “**Biomedical Applications using NI LabVIEW**” conducted by Biomedical Engineering Department from 12th & 13th June 2008.

Signature of Head of the Institution
(With office seal)

ABOUT THE COLLEGE:

Sri Sivasubramaniya Nadar College of Engineering (SSNCE) is the outcome of the vision and initiative of Mr. Shiv Nadar, Chairman of HCL Technologies Ltd. and a pioneer in the field of information technology.

The Institution was established in 1996 on a sprawling campus of 250 acres at Rajiv Gandhi Salai (OMR) known as "Cyber corridor" of Chennai. The campus comprises aesthetically designed buildings that are networked by fiber cables. The Institution offers six B.E. / B. tech. Degree programmes in EEE, ECE, CSE, IT, Chemical, Mechanical and Biomedical Engg. In addition five M.E. Degree programmes in Communication Systems, Applied Electronics Computer Science & Engineering, Computer and Communication, and Power Electronics & Drives MBA and MCA. The admission is done purely on the basis of merit. The institution is certified with ISO 9001: 2000 and the UG programmes have been accredited by NBA.

ABOUT THE DEPARTMENT:



The Department of Biomedical Engineering is established in the year 2005. The Department shares the mission and vision of the institution in imparting quality education to the students. The department has a committed, highly motivated and research oriented scholarly faculty team. The department has highly sophisticated state-of-art laboratories. Apart from fulfilling the requirements of the syllabus prescribed by the Anna University, the course also offers students to work with latest technology in the form of projects.

ABOUT NATIONAL INSTRUMENTS:



National Instruments creates innovative computer-based products that improve everyday life and give its customers a better solution for measuring and automating the world around them. Over the last 30 years, National Instruments has pioneered virtual instrumentation, a unique approach to embedded design, industrial control, and test and measurement that combines commercial off-the-shelf technologies with innovative software and hardware. National Instruments has been a technology pioneer and leader in virtual instrumentation – a revolutionary concept that has changed the way engineers and scientists in industry, government, and academia approach measurement and automation.

ABOUT TECHLABS:



(Exclusive Academic Partner for NI, India)

Trident Techlabs, established in response to the exciting and high technological challenges in global growth, has emerged as a provider of premium engineering software solutions and unparalleled technical expertise, aimed at complete customer satisfaction. Our educational services are an essential part of our integrated services and proclaim our deep commitment to excellence in engineering. Rapid advancement in technology and increasing product complexity have necessitated the deployment of sophisticated simulation software to simplify the processes for easier comprehension of concept development, design, testing and perfecting technological output. Our wide range of simulators has effectively addressed the needs of budding engineers and prepared them for their roles as designers/planners in design & development establishments. These are extensively used for research and development in educational institutions, in manufacturing, in the power industry and defense labs across the country, providing a sharper focus for design analysis and innovation in learning.



Two Days Hands on training and Workshop on Biomedical Applications Using NI LabVIEW

In Association with

Trident Techlabs Pvt. Ltd. Chennai
June 12-13, 2008

Organized by,
**Department of Biomedical
Engineering**



CO-ORDINATORS:

Dr. N. Sriraam Prof. & Head, BME

Dr. P. Vijayalakshmi Prof. BME

Mrs. B. Geethanjali Senior Lecturer, BME