

## Sponsorship Certificate

Dr./Mr./Ms. ....  
is an employee of our Institution/Organization and is hereby permitted to attend the **One Day Workshop on “Carbon Nanotube and Its Applications”** on **12<sup>th</sup> Aug 2011** at SSN College of Engineering, Kalavakkam – 603110.

Date :  
Place :

Signature of Head of the Institution

(Office seal)

P.S: Brochure and application form can also be downloaded from [www.ssn.edu.in](http://www.ssn.edu.in)

## Address for Communication

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## Objective of the Workshop

The objective of the workshop is to impart the knowledge on Carbon Nanotube (CNT), its synthesis methods, properties and few applications in Mechanical Engineering for the benefit of the students, research scholars, academic as well as industrial staff members working in the field of nanotechnology.

## Highlights

- Invited lectures by **Dr. S. Ramaprabhu**, Department of Physics, IIT Madras and by **Dr. Srinivasa Rao Bakshi**, Department of Metallurgical & Materials Engg., IIT Madras.

## Important Information

- Each Participant has to pay Rs. 300/- (Rupees Three Hundred only) towards registration fee by a DD drawn in favour of **The Principal, SSN College of Engineering**, payable at **Chennai** along with the registration form duly filled.
- No spot registration is allowed
- No TA/DA will be provided.
- Last date for receiving the registration form along with the DD is **8<sup>th</sup> August, 2011**.
- Please communicate only to the address mentioned under address for communication.
- Please make sufficient copies of the registration form if participants are more than one from the same organization.

**SRI SIVASUBRAMANIYA NADAR  
COLLEGE OF ENGINEERING  
Rajiv Gandhi Salai (OMR)  
Kalavakkam - 603 110, Chennai.**

## One Day Workshop

On

*Carbon Nanotube and Its Applications*

**12<sup>th</sup> AUGUST, 2011**

## Coordinator

**Dr. K. Babu**

## Co-Coordiators

**Dr. K. Elangovan**

**Dr. B. Anand Ronald**

**Mr. K.S. Vijay Sekar**



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SSN College of Engineering  
Kalavakkam – 603110.  
Telefax : (044) 2747 4844 / 45 / 46  
Website: [www.ssn.edu.in](http://www.ssn.edu.in)**

## About the Institution

Sri Sivasubramaniya Nadar College of Engineering, (SSNCE) is the outcome of the vision and initiative of **Padma Bhushan Dr. Shiv Nadar**, a pioneer in the field of Information Technology. The Institution certified by NAAC (A - Grade), NBA, and ISO 9001:2000 reflects the ideals of its founder and seeks to achieve excellence as an academic institution and advanced research centre. The institution offers eight UG degree programmes in Mechanical, Civil, EEE, ECE, CSE, IT, Chemical and Biomedical Engineering. It also offers five PG degree programmes in Communication Systems, Computer Science & Engineering, Power Electronics & Drives, Applied Electronics, Computer & Communication in addition to MBA and MCA. The college has implemented an *e-learning* system with Wi-Fi facility throughout the campus for the benefit of its students. The institution through its dedicated management and staff members is committed to promote research and provide quality education.

## About the Department

The department of Mechanical Engineering was established in the year of 2007-08 with a mission to educate and train students to become globally competent. The Department strengthened by its motivated faculty members is working on various research projects funded by Naval Research Board (NRB), Department of Science and Technology (DST) and the SSN Trust. The Department regularly organizes workshops, symposiums, student and staff seminars as part of its academic activities. The Department feels proud of its record of 100%

placement in campus recruitments this year for its first batch of students. The companies who offered placement to our students were L&T, Ashok Leyland, ITC, Rane, Brakes India, UCAL, HCL, Infosys, CTS, Wipro and so on. We are active in various research projects in the areas such as Friction Stir Welding, Heat Transfer, Energy Storage, MEMS, Nano Technology, Nanofluids, Robotics, Alternate Fuels, etc.

## About the Workshop

Carbon Nanotubes (CNTs) are allotropes of carbon with a cylindrical nanostructure. These cylindrical carbon molecules have unusual properties, which are valuable for nanotechnology, electrical and electronics, optics, fuel cells, thermal, bio-medical applications, and other fields of materials science and technology. In particular, owing to their extraordinary thermal conductivity and mechanical and electrical properties, CNTs may find applications as additives to various structural materials. Thus, one of the thrust-areas for the researchers is CNT and its applications.

The workshop will feature in-depth presentations of CNT synthesizing methods, particularly CVD and arc discharge methods. The important properties of CNTs related to different engineering disciplines will be highlighted in the workshop. A portion of the workshop will be devoted to the application side of CNTs like CNT reinforced metal matrix composites and CNT based nanofluids for heat transfer applications. We are confident that you will benefit from an impressive workshop on CNT and its applications at SSNCE.

## ONE DAY WORKSHOP

ON

## *Carbon Nanotube and Its Applications*

12<sup>th</sup> AUGUST, 2011

## REGISTRATION FORM

Name: .....

Institution: .....

Designation: .....

Department: .....

Educational Qualification: .....

Specialization: .....

DD No: ..... Date: .....

Bank: .....

**Address for Communication:**

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Mobile No: .....

Email: .....

Any other information:

Date : .....

Place : ..... Signature of the Applicant