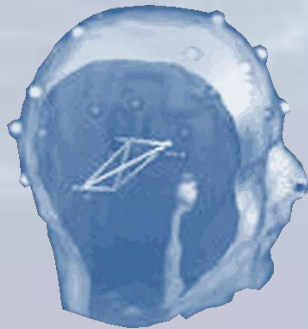


CONTACT ADDRESS:

❖ **Dr. A. Kavitha,**
Associate Professor,
Department of BME,
SSN College of Engineering,
Rajiv Gandhi Salai, SSN Nagar,
Kalavakkam – 603110.
E-mail: kavithaa@ssn.edu.in.
Website: www.ssn.edu.in.

Last Date of Registration : 15th Feb 2012.

NO REGISTRATION FEE



Date & Location:

City : Chennai, Tamil Nadu
Date : February 23, 2012
Venue : Seminar Hall,
Department of Bio Medical Engg,
SSN College of Engineering

OBJECTIVES:

The aim of this workshop is to introduce the basic concepts of Finite Element Analysis (FEA) and to disseminate knowledge on the applications to problems in biomedical engineering.

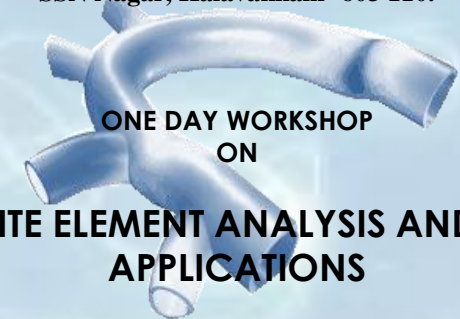
Finite element analysis is a technique that reconstructs stress, strain, and deformation in a digital structure. FEA is performed on Finite Element models. All finite element models are simplifications of complex shapes, loadings, material properties etc. This method of product design and testing has more clinical values when it comes to biomaterials and implants.

Introduction to FEA is planned through COMSOL MULTIPHYSICS Modeling demo. This demo shows you why your COMSOL Multiphysics modeling guide will lead you through the work flow, and within minutes, it brings designs to life with multiphysics simulations. Applications include fluid-structural interactions, thermal expansion, electromagnetic-structural interactions, and more.

For Queries:

Dr. S. Pravin Kumar,
Asso. Prof ., Department of BME,
Contact No: 9994246503
Mail ID: pravinkumars@ssn.edu.in

SRI SIVASUBRAMANIYA NADAR
COLLEGE OF ENGINEERING
Department of Biomedical Engineering,
SSN College of Engineering,
Rajiv Gandhi Salai,
SSN Nagar, Kalavakkam- 603 110.



Feb 23rd , 2012

REGISTRATION FORM :

Name :
Designation :
Department :
Institution :
Address :
Mobile No. :
Email ID :

Signature of the applicant

Place :

Date :

Signature of
Head of the Institution.

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, Biomedical & Civil Engg, in addition to 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.

Events:

- Introduction to Comsol Multiphysics and live DEMO on Modeling.
- Guest lecture on Finite element analysis and its applications in Bio Medical Engineering.

SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING



ONE DAY WORKSHOP ON FINITE ELEMENT ANALYSIS AND ITS APPLICATIONS



FEB 23, 2012

VENUE: DEPARTMENT OF BME

CONVENER:

Dr. N. Sriraam, Prof. & Head/BME

Co- Ordinators:

Dr. A. Kavitha

Dr. V. Mahesh

Dr. S. Pravin kumar

Organized by:

Department of

Biomedical engineering,

SSN College of Engineering,

Rajiv Gandhi salai,

SSN Nagar, Kalavakkam- 603 110.

www.ssn.edu.in