



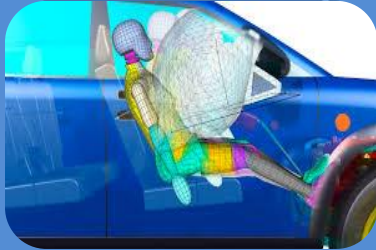
**Sree Sastha
Institutions**



SREE SASTHA INSTITUTE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

NAAC Accredited for 5 years | NBA Accredited Programmes | UGC 2F Recognized | ISO 9001 : 2008 Certified
Poonamallee, Chennai - 600 123. Phone No : 044 - 26810114 / 115 / 117. www.sasthaenggcollege.com



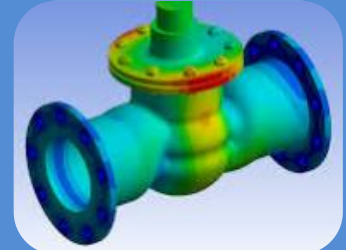
Three Days Faculty Development Training Program on

1-D & 2-D Structural Analysis using ANSYS

(04.07.2017 - 06.07.2017)

organized by

Department of Mechanical Engineering



About the College

Sree Sastha Institute of Engineering and Technology was established in the year 1999 with B.E & B.TECH courses in ECE, EEE, CSE, IT, CIVIL, MECH, Biotechnology, Automobile under the aegis of A.M.Kanniappa Mudaliar and A.M.K Jambulinga Mudaliar Educational Trust with the objective of imparting quality education to students with all facilities and infrastructure is located on the Chennai-Bangalore Highway (3 Km From Poonamallee) at Chembarambakkam. In addition to these, M.E. courses in VLSI Design, Power Electronics & Drives, Computer Science & Engineering, Construction Engineering & Management, Communication System, MBA & MCA are also offered by this Institute.

About Department

The Department of Mechanical Engineering was established in the year 2006. The Department has a team of dedicated, well qualified and experienced faculty which includes professors to provide in depth knowledge and training in the field of Mechanical engineering covering energy, thermal, design, manufacturing, industrial management, and to expose to the latest research, development and techniques so as to cater to the growing needs of the Industries and to mould the students. The department offers an under graduate program B.E.(Mechanical Engineering) and a post-graduate program M.E.(Thermal Engineering). The thermal engineering program has its versatile opportunities to work in area of thermal design, power plants, oil and gas company, HVAC, thermal management of buildings and in multi disciplinary area.

Resource persons

Professors / Scientists / Engineers from IIT's, NIT's, Anna University and industries will deliver the lecturers on various aspects of modeling and analysis in Ansys.

Objective

This faculty development program is intended to provide opportunity for faculties employed in affiliated Engineering colleges of the Anna University for teaching and upgrading their knowledge in the area of Basics of structural analysis using Ansys software. However, the main focus of content delivery will be based on the B.E. (Mech) syllabus of the Anna University.

Course contents

- Modeling in Ansys – create, Boolean, delete lines, areas and volumes.
- Force and Stress analysis using link elements in Trusses, cables etc.
- Stress and deflection analysis in beams with different support conditions.
- Stress analysis of flat plates and simple shells.
- Stress analysis of axis-symmetric components.

Registration fees

Registration fee is Rs.500 per participant. The number of participants is restricted to 50 only. Participants are selected on first come first serve basis. Selected candidates will be intimated by e-mail/wire. If selected, the applicant should attend the Program without fail. Participants have to make their own arrangement for lunch and accommodation.

Contact address

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Sree Sastha Institute of Engg & Tech, Chennai.
Mobile: 9843236232
Email: magarajan84@gmail.com

INVITED SPEAKERS



Dr. Venkata Timmaraju Mallina pursued his M.Tech in Applied Mechanics from IIT-Delhi and doctoral degree from IIT-Madras. Now he is working as Assistant Professor at IIIT-DM, Kancheepuram.

His research interest includes,

- Mathematical Modeling of Materials Behavior
- Fatigue and Fracture of Engineering materials
- Engineering Design with Polymers and Composites

Previously he work as faculty at GITAM University for 13 years and as on now he has got more than 20 publications in referred journals and conference.



Dr.G.Moorthy, doctorate from Vesveswaraya Technological University, Belgaum and working as Associate Professor & Consultant head at Velammal Institute of Technology, Panchetti, Chennai.

Some of his consultancy projects are FE analysis of smart solar stand, Plant and machinery valuation, Kinematic analysis of bio inspired robot model for defense project, Retrofitting of reinforced concrete column by external pre-stressing methods.

Delivered guest talk at Salem district engineering college on “Computational methods in mechanical vibrations”.



Mr.Srihari Subramanian, pursued his international master program from Technical University of Munich, Germany in Computational science and engineering and working as Sr. Project Engineer at SIEMENS Limited, Chennai.

He has worked in SIMOLUTION GmbH, Munich, Germany and some of his projects are,

- Structural and Large displacement static analysis of a Reflector
- FEA simulation for car (BMW) crash for occupant safety.
- Dynamic analysis of a Feeder (Modal and Harmonic Analysis),
- Design of Fixture for Tensile testing equipment of Steel reinforced Aluminium specimen made of Silicon composites.