

About the Institution

Saveetha Engineering College, was started in the year 2001 by the Saveetha Medical & Educational Trust and committed to develop this college into a renowned institution for Engineering education and research. The Saveetha Group of Institution is headed by Dr. N. M. Veeraiyan, a committed and dedicated Medical Professional. The College is approved by AICTE, affiliated to Anna University Chennai and accredited by NBA. Recently our college was awarded the highest grade A by the National Assessment and Accreditation Council (NAAC). The college has consistently stood top among colleges affiliated to Anna University.

The College started on a modest scale with three branches with strength of 180 students has now blossomed into quite a large institution with 10 programmes at UG level and 9 programmes at the PG level, with a total strength of 4000 students approximately. The campus of Saveetha Engineering College is spread over 120 acres of scenic beauty, facing Chembarambakkamlake on the Chennai-Bangalore National Highway (Nh4). The college motto, 'BE THE BEST', carries a message to the students that they should aim for the best in education, culture and achievement. Nothing less than the 'Best' is acceptable in Saveetha Engineering College.

About the Department

The SEC Mechanical Engineering department is a strong and growing component of the Saveetha Engineering College and has made major strides in development since its inception in 2003. Its major strength consists of brilliant and top class students, highly qualified and dedicated faculty members, state of the art infrastructure, modern laboratories, well stocked Departmental Library and excellent training facilities. The department offers UG course in Mechanical and PG course in CAD/CAM. The

Department has been recognized as approved Research Centre by Anna University, Chennai and providing opportunities to Faculty and Industry persons to carry out research in our R&D Centre. The department is concentrating research on CAD/CAM/CIM, CNC machining, Non-traditional machining, Reverse engineering, Finite element analysis, 3D printing, Tribology, Hybrid energy, Biomaterials, Composite Materials etc.,

About the Programme

Engineering Graphics, a type of technical drawing, is the graphical representation of physical objects and their relationship. More than just the drawing of pictures, it is also a language - a graphical language that communicates ideas and information from one mind to another. Most especially, it communicates all needed information from the engineer who designed a part to the workers who will make it. In engineering profession, it is very essential that the engineers are able to communicate their ideas and facts with each other clearly and without ambiguity.

The faculty attending this programme will benefit by learning efficient teaching methods on this subject and thus improving to teach the fundamentals of the subject to the students more confidently.

Course Contents

The course content is as per the Anna University syllabus and includes the following topics:

- Introduction to Engineering Graphics
- Plane curves
- Free Hand Sketching
- Projection of Points, Lines and Plane surfaces
- Projection of Solids
- Section of Solids
- Development of Surfaces
- Isometric Projection
- Perspective Projection
- Introduction to Drafting Package

ORGANISING COMMITTEE

Chief Patron

Dr. N.M. Veeraiyan,
Founder President, Saveetha Engineering College

Patron

Dr. S. Rajesh
Director, Saveetha Engineering College

Chair

Dr. R. Ramesh
Principal, Saveetha Engineering College

Co-Chairs

Dr. R. Senthilkumar
Vice-Principal, Saveetha Engineering College

Prof. A. Gandhi

Dean, (I.I.I.), Saveetha Engineering College

Convenor

Dr. B.K. Gnanavel
Professor & Head (Mechanical)

Co-ordinators

Dr. V. Muthukumar,
Professor (Mechanical)
Mr. S. Sellakumar
Asst. Professor (Mechanical)

Co-Coordinator

Mr. E. Leelakrishnan
Asst. Professor (Mechanical)
Mr. N.S. Natesh
Asst. Professor (Mechanical)