



About The College

The Federal Institute of Science and Technology (FISAT) is a self-financing private engineering college established and promoted by the Federal Bank Officers' Association Educational Society (FBOAES).

The FBOAES is an initiative of the Federal Bank Officers' Association (FBOA), the sole representative body of all Federal Bank officers. Federal Institute of Science and Technology (FISAT) occupies a unique position in South India's Professional Education Sector.

FISAT has been designed and developed to become a "Centre of Excellence" in professional education, with the motto "Focus on Excellence." Established in 2002, the college has carved a niche for itself in the education sector, as evidenced by its students outstanding performance in academics, placements, and extra-curricular and co-curricular activities.

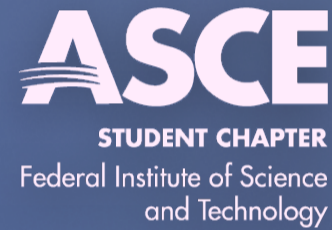
Programme Specific Outcomes(PSOs)

PSO 1: Feasibility of Civil Engineering Projects: Conduct surveys and site investigations for Civil Engineering projects and prepare feasibility reports.

PSO 2: Analysis and Design in Civil Engineering: Plan, analyse and design Civil Engineering solutions giving due consideration to society, cost, safety and sustainability.

PSO 3: Execution of Civil Engineering Projects: Supervise, test and evaluate construction of structures, materials, manage resources and maintenance of structures.

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SCIENCE AND TECHNOLOGY



Department of Civil Engineering

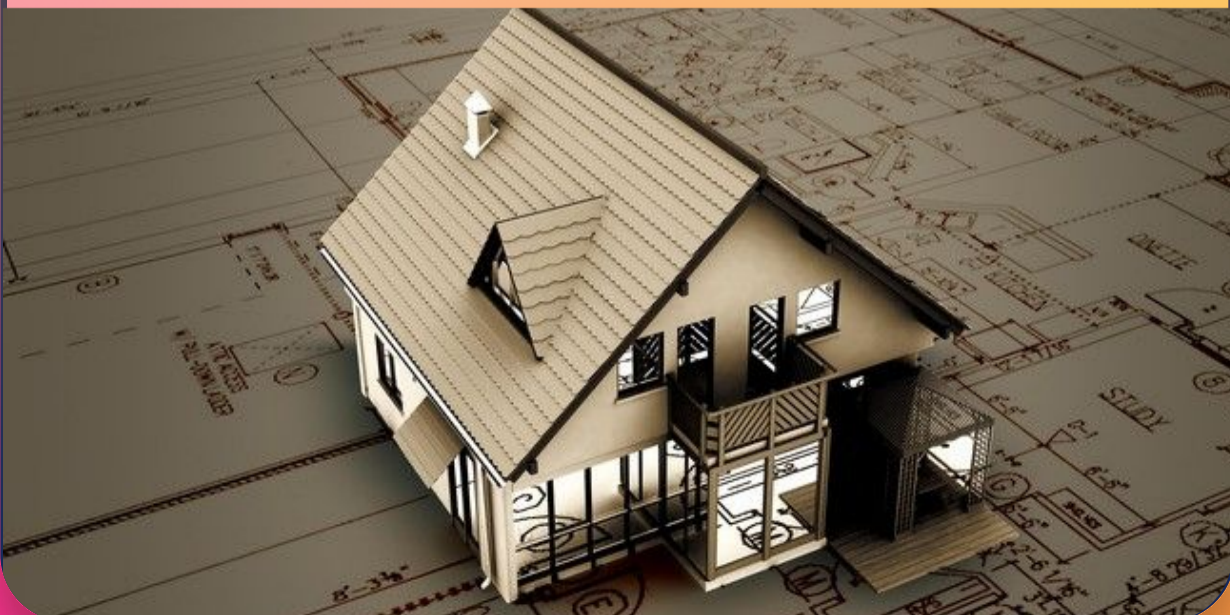
Organizing

Add On Course

on

**BUILDING PLANNING AND
DESIGN USING AUTOCAD**

11/09 - 15/09 Sep 2023



Programme Educational Objectives (PEOs)

PEO1: The graduates of Civil Engineering will have a successful career in industry and government sector with their strong understanding of civil engineering solutions in a global, economic, environmental and social context.

PEO2: The graduates of Civil Engineering will pursue higher studies in the broad domain of Civil Engineering and engage in life-long learning through certifications and activities of professional bodies.

PEO3: The graduates of Civil Engineering will be successful as entrepreneurs and serve the society in a responsible and ethical manner.

Vision of the Department

Emerge as a Center of Excellence in Civil Engineering, fostering globally competent and socially committed Civil Engineers.

Mission of the Department

M1: To provide a comprehensive education and training at the levels of materials, tools, planning, analysis, design and maintenance of structures.

M2: To encourage research and development in the field of Civil Engineering that are useful for the society.

M3: To equip the graduate with strong ethical and moral values and make them socially committed.

Session Plan

Day	Session	Activity	Resource Person
11/09/2023	9:30 am - 12:00 pm	Building Planning- An Architect's view	Johny Kaitharath; Chief Architect- Solids, Kochi
	1:00 am - 4:00 pm	Building Planning Activity	
12/09/2023	9:30 am - 12:00 pm	Building Rules	Ms. Rinu J. Achison Asst. Prof. (Sr. Grade) Dept. of CE, FISAT
	1:00 pm - 4:00 pm	Building Planning Principles and line Sketches	Ms. Neeraja Nair Asst. Prof. Dept. of CE, FISAT
13/09/2023	9:30 am - 4:30 pm	Introduction to Computer Aided Drafting and its Tools	CADD International
14/09/2023	9:30 am - 12:00 pm	Utilisation of Various Tools	
	1:00 pm - 4:00 pm	Hands on Session	
15/09/2023	9:30 am - 4:30 pm	Development of a 3D Model	

Course Objective

The objective of this course is to introduce the students to the basics of building planning and preparation of drawings. They will also have an insight into preparation of a 3D model

Course Outcomes

At the end of the course, students will be able to

1. Capture the requirements of a client with regard to his building
2. Apply the basic principles of planning and prepare drawings of residential building which comply with building rules
3. Prepare the models of buildings using 3D modeling software
4. Present the plan and model to a client