



COMPUTER AIDED DESIGN (SOLID EDGE)

Brief Introduction: Students will be introduced to SIEMENS most prominent design tool “SOLID EDGE”. They will learn to use it for designing their idea into a virtual world in 2D and 3D. They will be able to design their own kinematic mechanism.

Throughout the camp, the participants will experience the steps of an intense innovation process.

Audience: 1st Year B.Tech Students

Duration: - Theory and Practice :- 2 weeks

Project :- 2 weeks

Intake(per batch) :20 Students

Maximum Capacity : 2 Batches;60 Students

Contents:

S.No.	Contents	Topics Covered	Theory (Hrs)	Practical (Hrs)
1	Introduction	Introduction to Product Lifecycle Mangement	1	0
2	Sketching	2D Sketching	1	4
		3D Sketching	2	4
3	3D Modeling	Basic Modeling Features	1	5
		Advance Modeling Features	2	4
4	Surfacing	Ways of creating Surfaces	2	4
5	Assembly	Assembling parts for machine	1	3
6	Simulation	Simulate the Machine to Verify the Design	1	2
7	Drafting	Drafting 3D model into 2D	1	2
8	Projects		0	2 Weeks
Total (Hrs)			12	28 + 2 Weeks

Mentor:

- Vikram Singh Rajput
- Afsha

Venue:

- PLMC, TIFAC Core.

Course Co-ordinator

