



Innovation Camp

Brief Introduction: Students will be introduced to design thinking, CAD, digifab, pcb manufacturing, programming, moulding and casting, prototyping through series of project based skills.

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

Audience: 1st Year B.Tech Students

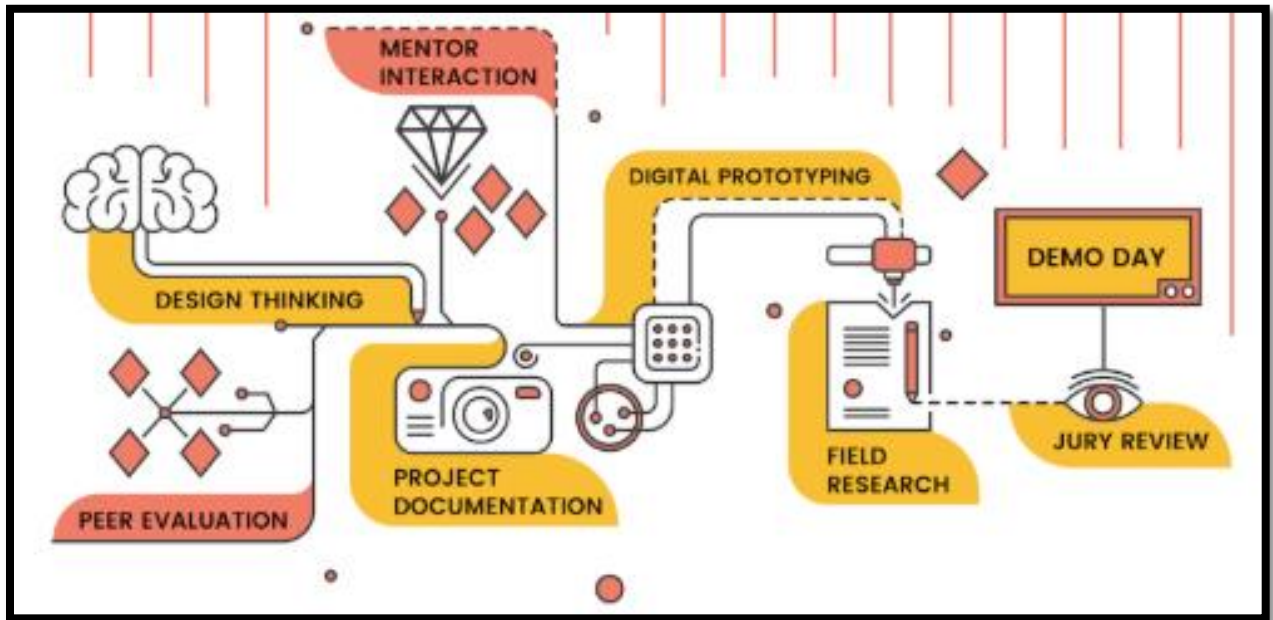
Duration: - Theory and Practice :- 2 weeks
Project :- 2 weeks

Intake(per batch) :20 Students

Maximum Capacity : 2 Batches;60 Students

Contents:

S.No.	Contents	Topics Covered	Theory (Hrs)	Practical (Hrs)
1	Peer Evaluation	Techniques	1	0
2	Design Thinking	Module 1 : Introduction	1	0
		Module 2 : Design thinking strategy and capability	1	2
		Module 3 : Explore	0	3
		Module 4 : Ideate	0	3
		Module 5 : Create	1	2
		Module 6 : Evolve	1	2
		Module 7 : Design for services	1	1
3	Mentor Interaction	Introduction		
4	Digital Prototyping	SRM 20 Roland	0	1
		CNC wood router	1	2
		LASER Cutting &Engraving	1	2
		Vinyl Plotter	0	1
		3D Printers	2	6
5	Field Research	Ways to get Information	1	1
6	Project Documentation	Professionals ways for documentation	1	2
7	Project		0	2 Weeks
Total (Hrs)			12	28 + 2 Weeks



Mentor:

- Rahul Sharma
- Darshan Shah

Venue:

- Fab Lab, TIFAC Core.

Course Co-ordinator

