

COURSE CODE	COURSE TITLE	L	T	P	C
1152AE147	DESIGN THINKING	1	0	0	1

Course Category:

Programme elective.

About the Course

This course explores on the ways and means of developing human-centric design approaches for typical engineering situation with more specific focus on aero-mechanical systems. Design thinking approach is being used by some of the world's foremost organisations like Boeing, Airbus, Mercedes, GE etc. for addressing some of the vital problems and creating effective solutions.

The course will involve five distinct phases –

- Introductory Session / Audio-Video Clipping / Emphatisation (2 hours)
- Team building through world-famous Marshmallow Approach (1 hour)
- Identification of an aero-mechanical system to solve an identified problems (2 hours)
- Brain Storming / Creation of story board (3 hours)
- Development of design path / Current Reality / Envision New Approaches (2 hours)
- Digital / Rapid prototyping (3 hours)
- User / Learners' Co-creation / Review / Prosumption (2 hours)

