FDP-109	Parametric Modelling, Analysis and Simulation (2 weeks)	24.09.2018 to 06.10.2018

OBJECTIVES:

- To understand about Parametric Modelling
- To Develop 3 D Engineering Component
- To do Assembly of different Engineering Parts.
- To do Flexible Modelling.
- To analyse the parts for strength and thermal analysis.
- Finite Element analysis using simulate

PARTICIPANTS:

Polytechnic teachers of Mechanical, Automobile & MTT Engineering and Allied Disciplines.

INPUT:

Extrusions, Sketching, and Cuts , Holes, Rounds, and Chamfers ,Shells, Ribs, and Datum Planes, Feature Modification and Manipulation, Revolves, Patterns, and Copies, Sweeps and Blends, Creating a Drawing, Assembly Modeling, Sheet Metal Design, Surface Modeling, Introduction to mechanical and thermal Analysis. Finite element analysis and simulation.

PROCESS:

- Lecture
- Demonstrations
- Hands on Practice

OUTPUT:

Enhanced competency in **Parametric Modelling, Analysis and Simulation**

RESOURCE PERSONS:

- Dr. S. Somasundaram
- Guest Faculty

COORDINATOR	VENUE	LAST DATE OF RECEIPT OF APPLICATION
Er. V. Sivakumar	NITTTR Extension Centre, Bangalore	15 days prior to the start of the programme