Sr#	CEP Titles
1.	Modelling and Analysis of a Convertible Car Roof Mechanism.
2.	Modelling and Dynamic Analysis of Speed reducer with scotch yoke mechanism.
3.	Modelling and Time Varying Analysis of Electric heating in a room.
4.	Modelling and Simulation of RC car (Logic Based) with GUI
5.	Modelling of DC Generator (Simplified Model).
6.	Modelling of Photovoltaic Cell.
7.	Extra corporeal membrane oxygenation
8.	Modelling of Extra Corporeal Membrane Oxygenator: Centrifugal Pump Specifically.
9.	Modelling of Elevator (Simplified Model)
10.	Modelling of Double inverted pendulum on a cart
11.	Modelling of Potentiometer-controlled Closed Loop Feedback-based DC Servomotor.
12.	Modelling of quarter train suspension system (along with application of different road displaces available online and generation of general m-files for analysis of any system)
13.	Sensor Denoising using Kalman Filter
14.	Modelling and Analysis of Triple Acting Pendulum
15.	Modelling and Analysis of a Stepper motor with load attached.
16.	Modelling of Cantilever beam with distributed load.
17.	Modelling and Analysis of a Convertible car roof with servo motor control.
18.	MODELING of BUTTERWORTH filter
19.	Modelling of Electric Motor with Load
20.	Modelling of combined mechanical system driven through the output of an OP-Amp
21.	Modelling of Power amplifier
22.	Manual/Mechanical Control of DC motor (Replication of throttling/pedalling in Electric Vehicles)
23.	Modelling of speaker
24.	Mathematical Modelling and analysis of **Lithium Ion Battery**.
25.	Modelling of Automatic voltage regulator
26.	Mathematical modelling of Energy Harvesting in suspension system using electromagnetism.
27.	Mathematical Modelling and Analysis of a **Centrifugal Pump** connected with a **motor**.
28.	Mathematical Modelling and Simulation Analysis of Full Car Suspension system
29.	Modelling and simulation of an anti lock braking system.
30.	Modelling of Resistive Tubular Heater
31.	Modelling of horizontal axis wind turbine to get the linear output displacement
32.	Modelling of rack and pinion with motor
33.	Modelling of High-Speed Rail Pantograph
34.	Modelling of Tray dryer
35.	Modelling of Restaurant Plate Dispenser
36.	Modelling of **Double Acting Pneumatic Cylinder**
37.	Modelling of Washing Spinner Using Shunt Motor
38.	Modelling of Buck Converter
39.	Modelling, Simulation, and Analysis of Prosthetic Finger