

Class Number	Date	Time	Day	Topics
1	10/2/2018	6 to 8 PM	Saturday	Theory of FEM & CAE Beam Subjected to Tensile Force Beam Subjected to Compressive Force Beam Subjected to Bending Force
2	11/2/2018	6 to 8 PM	Sunday	1D Theory Fix-Fix Beam Subjected to Bending Force Find the forces acting in all members of the truss Free-Free Run/Modal Analysis BAJA Roll Cage
3	17/02/2018	6 to 8 PM	Saturday	2D Theory Mid-Surface Creation and editing 2D Geometry Editing Plate with Hole- 2D Meshing Without Washer
4	18/02/2018	6 to 8 PM	Sunday	Plate with Hole- 2D Meshing With Washer Plate with hole - 2D meshing with Biasing Generate 2D Surface From 1D Line Data BAJA Roll Cage
5	24/02/2018	6 to 8 PM	Saturday	3D Theory 3D Geometry Editing and creation
6	25/02/2018	6 to 8 PM	Sunday	3D Meshing
7	3/3/2018	6 to 8 PM	Saturday	Static Structural Theory Static Structural Analysis on Tank Using 2D Meshing Applying Pressure Static Structural on 2D Meshed Roll Cage Structure (Front Impact) Transient Structural Analysis Theory Bridge Subjected to varying load Transient structural Analysis using Modal Analysis System Bridge Subjected to varying load
8	4/3/2018	6 to 8 PM	Sunday	Inertia Relief Theory Inertia Relief Analysis Axi-Symmetry Analysis Theory Axi-Symmetry Analysis
9	10/3/2018	6 to 8 PM	Saturday	Eigenvalue Buckling Analysis Theory Eigenvalue Buckling Analysis Modal Analysis Theory Modal Analysis Harmonic Response Theory Harmonic Response Analysis
10	11/3/2018	6 to 8 PM	Sunday	Steady-State Thermal Analysis Theory Steady - State Thermal Analysis Transient Thermal Analysis Theory Transient Thermal Analysis
11	17/03/2018	6 to 8 PM	Saturday	Explicit Dynamic Theory Explicit Dynamic Analysis Fatigue Analysis Theory Fatigue Analysis

12	18/03/2018	6 to 8 PM	Sunday	Random Vibration Analysis Theory Random Vibration Analysis Response Spectrum Analysis Theory Response Spectrum Analysis
13	24/03/2018	6 to 8 PM	Saturday	CFD (Theory)
14	25/03/2018	6 to 8 PM	Sunday	External Flow, Internal Flow, Mixture of two Fluids