CO#	# Student will be able to
	ADVANCED FINITE ELEMENT AND BOUNDARY ELEMENT METHODS
CO-1	Understand the background of mathematical equations used for development of modelling software modules to develop the various Engineering applications.
CO-2	Identify and formulate mathematical model for solution of common engineering problems.
CO-3	Choose/define the element and Develop element equations under different boundary conditions
CO-4	Apply the FEM procedure to Solve structural, thermal, fluid flow problems.
CO-5	Analyze vibration characteristics of structural members.
CO-6	Apply the boundary element method to solve the problems like acoustics, electromagnetic etc.