

**ADVANCED COMPUTER AIDED ANALYSIS LAB (R19)**

<b>CO#</b>	<b># Student will be able to</b>
CO-1	Use the ANSYS software for solving various problems
CO-2	Carry out structural, Harmonic and fracture analysis using FEA software for real time applications.
CO-3	Know the Fracture analysis, simple transient analysis and thermal analysis using FEA software for real time applications.
CO-4	Analysis of laminated composite structures using FEA software.
CO-5	Perform a simple modal analysis and Harmonic analysis for a cantilever beam using FEA software
CO-6	Know the Non Linear Analysis and Buckling analysis using FEA software