SUBJECT NO-AE51010, SUBJECT NAME- EXPERIMENTAL STRESS ANALYSIS

LTP- 3-0-0,CRD- 3

SYLLABUS :-

Prerequisites: AE21004

3 - 0 - 0: 3 CreditsBasic equations, Airy s stress function, two-dimensional problems; Strain measurement methods, strain gages, gage sensitivity and gage factor, demonstration of measurement techniques. Two dimensional photo-elasticity; wave theory, polariscopes, isochromatic