## SUBJECT NO-AE51007, SUBJECT NAME- COMBUSTION PROCESSES IN JET ENGINES

LTP- 3-0-0,CRD- 3

SYLLABUS :-

Prerequisites: AE31001

3 - 0 - 0: 3 CreditsReview of thermodynamics, thermochemistry and transport phenomena; Deflagration and detonation; Premixed flames- its propagation, ignition and extinction. Flame stabilization. Diffusion flames; Combustion of droplet and sprays; Combustion of metal particles; Combustion instability.