



# SYLLABUS FOR RESPONSE SPECTRUM ANALYSIS AND DESIGN IN ETABS.

## Topics Covered: -

1. Defining RSA functions.
2. Manual calculation of  $sa/g$  acceleration values
3. Creating Dynamic loads.
4. Creating Dynamic modal cases.
5. Perform RSA Analysis & Scale factor correction of static & Dynamic base reactions.
6. Correcting story deflections, drifts, and story torsional effects in modal by shear wall or bracings insertion.
7. Performing structural design.