



SLT 15 – Dynamic Analysis of Equipments & Structures

Topics Covered

Basics of Dynamic Analysis - Types of Analysis - Planning a DA - Steps Involved in DA - Typical for Industrial System - Case Study - Do's and Don'ts – Practical Tips – Exercise.

The significance

Dynamic analysis is a methodology, used to understand the actual behaviour of a machinery system, under the influence of all types of loads. This analysis will help in identifying “possible problem areas” in individual or combined machinery systems to solve resonance related problems .In This SLT we are covering in detail about the solution for high vibration due to resonance by using dynamic analysis. We are covering the basics of finite element analysis, terminologies, dynamic analysis methodology and analysis