

Multi Body Dynamics analysis with ANSA Kinetics tool Online Course

Length: 4 hours

Dates:

Friday May 9th : 9:30 – 13:30 (EEST)

Course Description:

This course introduces participants to the principles of kinetics and kinematics with ANSA and demonstrates how to set up a model for such types of analysis

Learning Objectives:

Upon completing the course, participants will gain a foundational understanding of setting up models for kinematic, dynamic, contact, and static equilibrium analysis. They will also learn to perform motion analysis and study the dynamics of mechanical systems that change their response over time

Software used:

- ANSA

Audience: Students

Prerequisites: Participants should have an engineering background. Basic knowledge of ANSA is necessary



Modules in this course:

Day 1

- What is ANSA Kinetics
- Markers
- Bodies
- Graphics
- Joints
- Motions
- Forces
- Simulator
- Results Viewer
- Exporting plotted curves as numerical data
- Expression Builder
- Measures