



DIGITAL SOLUTIONS

ADVANCED USE OF SESAM FOR FIXED STRUCTURES

Course code: SE-24

Duration: 2 days

Prerequisite:

SE-01 Concept based FE modelling and analysis using Sesam - Introductory, and preferably SE-04 Concept based FE modelling of shell structures - Advanced.

DESCRIPTION

The course covers advanced use of the relevant modules for analysis of fixed structures.

Topics include:

- Scripting in GeniE
- Superelement technique: Jacket inplace analysis
- Superelement technique: Dynamic analysis
- Mesh control and rigid links
- Managing work flow using Sesam Manager
- Tension/compression only elements- transportation analysis (optional)
- Analysis with different boundary conditions
- Modelling errors in GeniE
- Model import from Rhino3d/DXF Curves (optional)

LEARNING OBJECTIVES

To be agreed by the participants and DNV GL.

TARGET GROUP

Advanced Sesam users.