



DIGITAL SOLUTIONS

CONCEPT BASED FE MODELLING AND ANALYSIS USING SESAM - INTRODUCTORY

Course code: SE-01

Duration: 2 days

Prerequisite:

Basic knowledge in FE analysis is required. No previous experience in the use of Sesam is necessary.

DESCRIPTION

This is an introductory course to Sesam focusing on the concept modelling, structural analysis and results presentation features. Exercises in concept modelling (using the module GeniE), analysis (Sestra) and results presentations (GeniE) for a topside structure composed of beams and plates are included. Code checking (GeniE) of topside members are included.

LEARNING OBJECTIVES

Learn how to use the concept modelling technique of Sesam to create finite element (FE) models, perform analysis, present results and perform member code checking.

TARGET GROUP

Structural engineers performing design engineering of fixed and floating offshore structures built up of beams and plates.