

# Structural Analysis using Finite Elements



19 OCTOBER 2017 (THURSDAY)

CAE LAB, FACULTY OF MECHANICAL ENGINEERING

Register: <http://iceseam2017.utm.edu.my/>

GPS: 2.274221, 102.281677

## Course Objectives:

This training class is intended for beginner level, provide engineers with the skills to be able to interpret the structure problem, identify the required analysis process, and use Finite Elements Software tools to carry it out and finally to critically review the results.

## Course Contents:

Introduction to Finite Elements theory; Introduction to ANSYS software; Introduction to finite element modelling: terminology, classes of input/ output, modelling guidelines, results visualization; managing results visualization using viewports; animated deformation and stress contour plots, **PRACTICAL EXERCISES.**

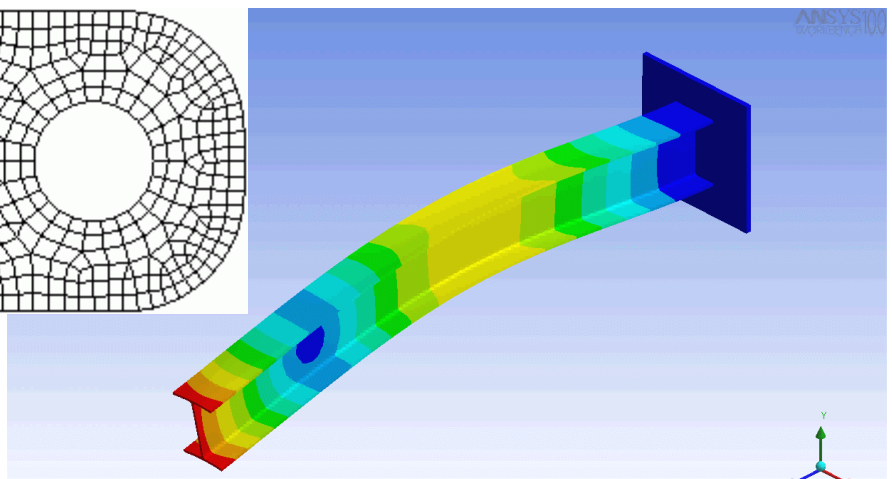
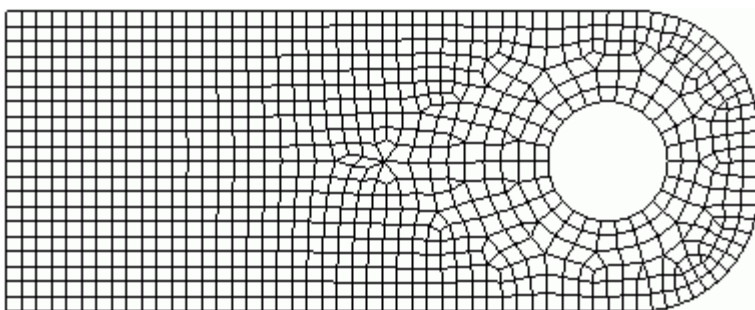
## Who Should Attend?

Students, Industrialist, Engineers, Designers, Jobseekers.

Medium of Instruction: **English**

Instructor: **Associate Prof Ahmad Rivai**

Backed with years of graduate and Airbus experience in Toulouse, France.



Certificates of attendance will be given to participants who successfully complete the course