

2 DAY CONTENT FOR THE WORKSHOP ON ANSYS

SESSION 1:

- ❖ Permeable to course
- ❖ Introduction to pre-processor, solution & post-processor

SESSION 2:

- ❖ Introduction to FEA (Finite element theory)
- ❖ Introduction to FEA method

SESSION 3:

- ❖ Formulation of $\{F\} = [K]\{U\}$
- ❖ Sample problem solution case study

SESSION 4:

- ❖ CAD modelling in ANSYS
- ❖ Introduction to structural analysis

SESSION 5:

- ❖ Model analysis
- ❖ Theoretical introduction to non-linearity

SESSION 6:

- ❖ Non-linear analysis in ANSYS
- ❖ Project work.

- ❖ Problem solving

SESSION 7:

- ❖ Competition On Ansys.
- ❖ Awards & Certificates Of Honour To Winners.
- ❖ Certificates Of Appreciation To Selected Participants.
- ❖ Certificates Of Participation To All Participants.