



MECHANICAL ENGINEERING DEPARTMENT

A Report of 3 Days online Workshop on

“3D Modelling and Analysis in ANSYS” from 5th to 7th January-2022

OBJECTIVES OF THE WORKSHOP:

The Purpose of the Workshop is to understand the fundamentals of CAE and Introduction to ANSYS.

- To Bridge the gap between Academic and Industrial Practice regarding 3D Modelling and Analysis with the help of Technical software.
- To Explore Computer Aided Engineering software application.
- To describe the fundamentals of FEA and ANSYS.
- To make the participants aware about 3D Modelling and Analysis commands, Adding Material properties, create connection, Various Boundary condition, Static structural analysis, Thermal analysis etc.
- To provide experience to the participants making the topic more clear.

EXPERT SPEAKERS:

1. **Mr. HARSIT PATEL:** Sr. Application Engineer, SOPAN Institute of Engineering & Design.

PARTICIPANT DETAILS:

Total 367 students registered online in Workshop. And 210 students participated in Workshop.

OUTCOME OF THE WEBINAR:

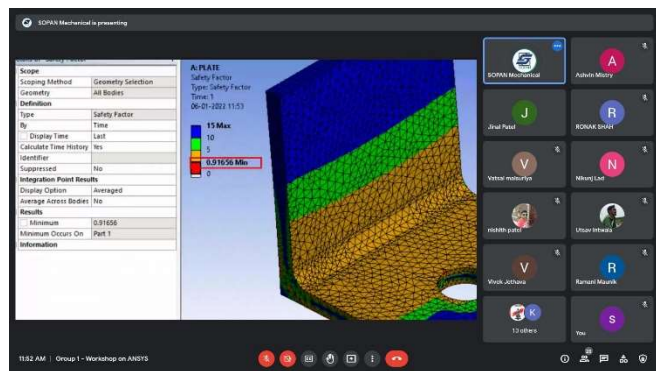
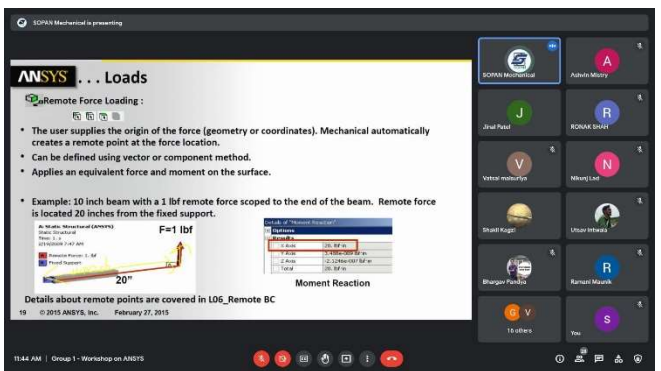
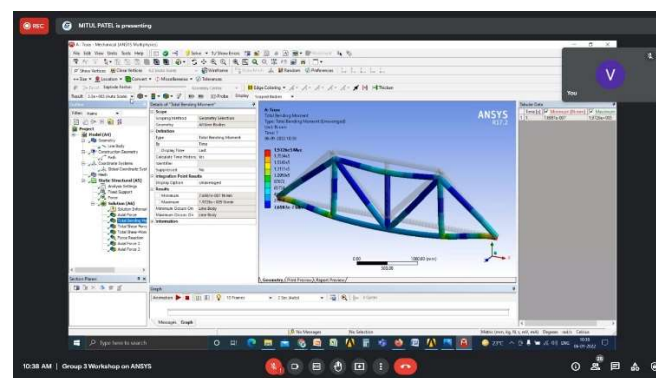
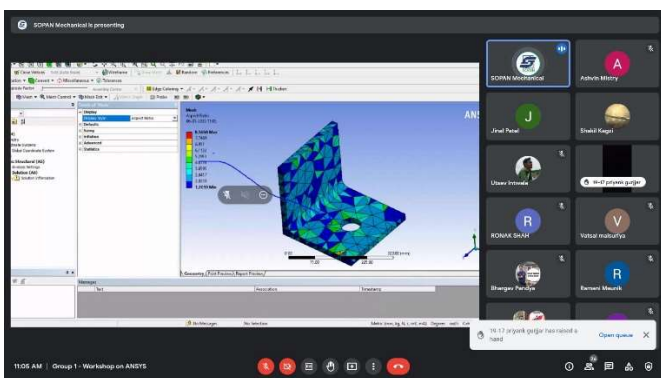
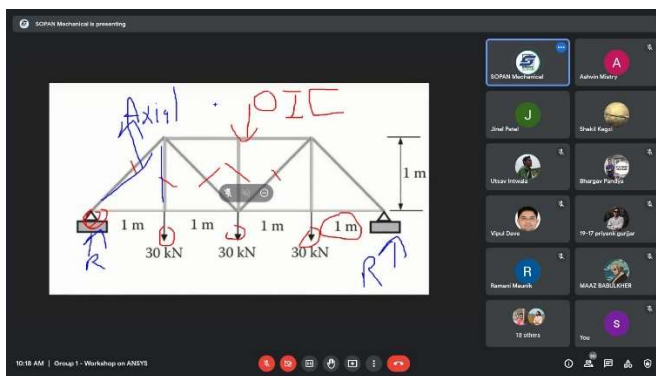
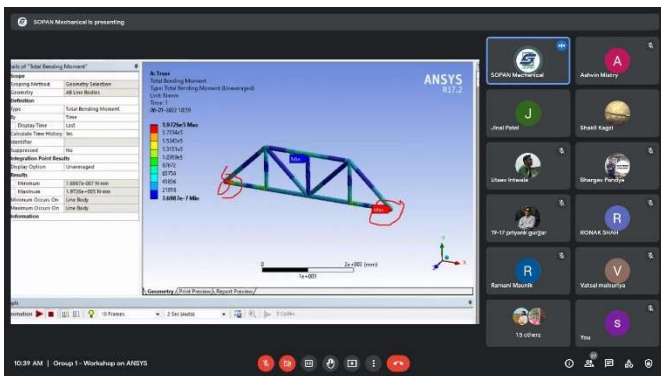
1. **Mr. HARSIT PATEL,** explained basics of CAE and how to import or create a new material, meshing of object, checking of output results value etc. to perform Computer based analysis in ANSYS.

WORKSHOP PHOTOGRAPHS :ANNEXURE I

WORKSHOP BANNER : ANNEXURE II



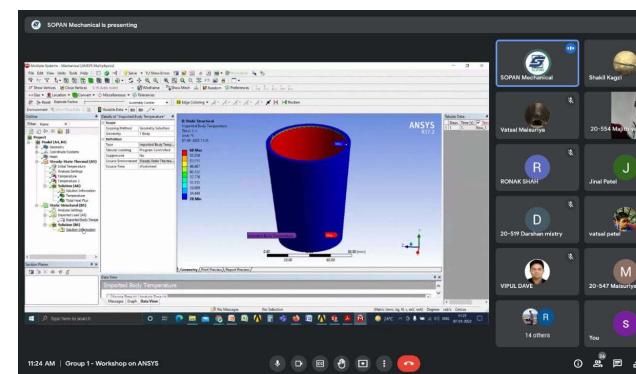
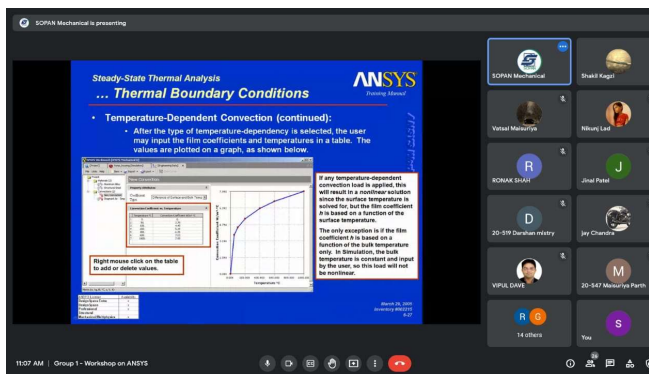
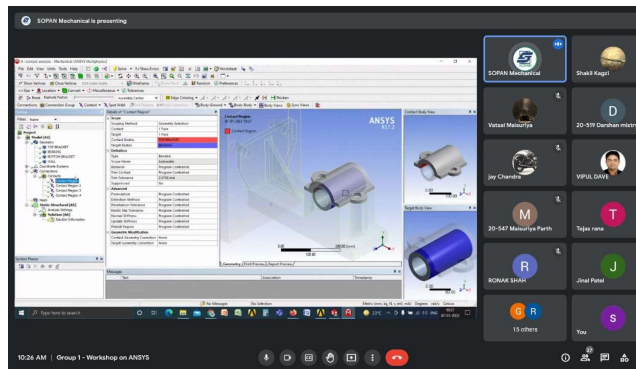
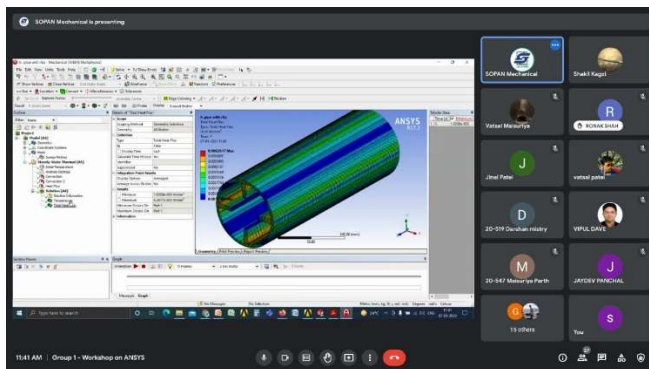
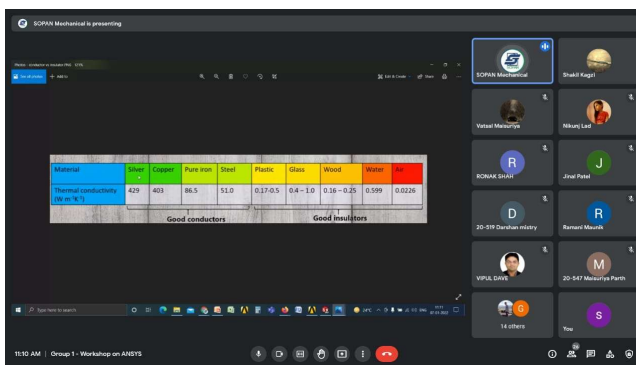
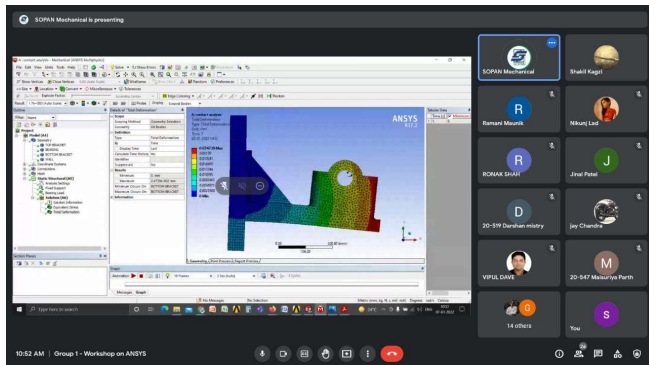
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DAY 2- 1D Beam Element Analysis, Static Structural Analysis, Type of Contact (Linear),/Connection, Assembly Analysis



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DAY 3- Steady state Thermal Analysis, Transient thermal Analysis



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ANNEXURE II WEBINAR BANNER



S. N. Patel Institute of Technology & Research Centre, Umrakh
(A Vidyabharti Trust Institution)

Mechanical Engineering Department Organizes
3 Days online Workshop on
“ 3D Modelling and Analysis in ANSYS”

Jointly Conducted By
SOPAN Institute of Engineering
& Design (SIED)



Speaker
Mr. Harsit Patel
Sr. Application Engineer
SOPAN Institute of Engineering &
Design (SIED)

Date:- 5th to 7th January, 2022
Time:- 10:00 a.m. to 12:30 p.m.

Mandatory for B.E. 4th year and B.E. Passout students Who have studied CAD subject.

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