



DEPARTMENT OF MECHANICAL ENGINEERING

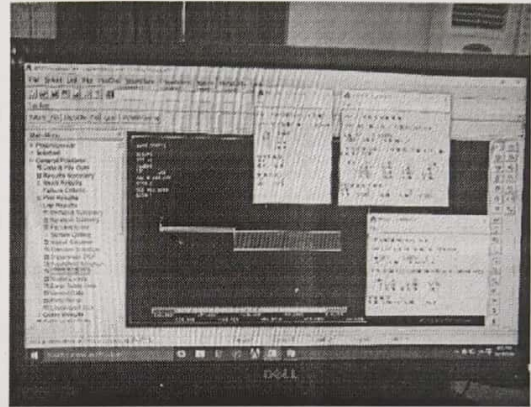
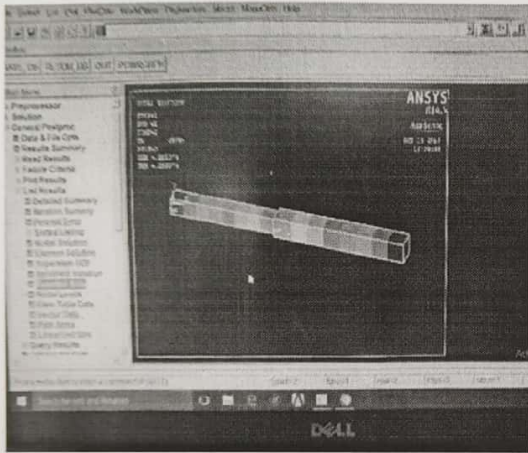
Activity Supports Employability / Entrepreneurship / Skill Development

Subject Code : 15UME702

Subject Name : FINITE ELEMENT ANALYSIS

Activity Supports: Simulation in ANSYS software and video lectures to improve the problem analyzing skills to support Employability.

Goal	To create and implement an effective Teaching-learning processes in a technology driven environment.	
Technique used	In conventional teaching, the students are not able to understand the concept of rayleigh ritz method. Therefore the NPTEL Video technique is used for better understanding. Simulation Practice in One dimensional problems are given to the students for better understanding.	
Topic	Rayleigh Ritz Method, One dimensional problems	
URL of the Video	https://youtu.be/rFztdZ7-b2M	
In Class Activity	What Course Instructor Does	What student Does
	Play the visualization	Listens & Watches
	Teach the ANSYS software	Practices.




Outcome

Students were easily understood the concept with the help of NPTEL Video and ANSYS software.

Course Coordinator

R. Jaya Prakash
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HOD - Mechanical


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