



SETHU INSTITUTE OF TECHNOLOGY
 (An Autonomous Institution] Accredited with 'A' Grade by NAAC)
 PULLOOR, KARIAPATTI – 626 115.



DEPARTMENT OF MECHANICAL ENGINEERING

Activity Supports Employability/Entrepreneurship/Skill Development

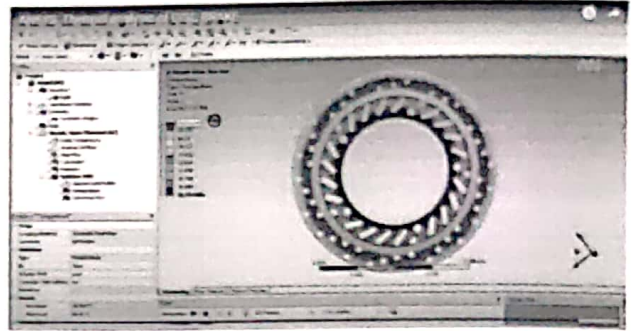
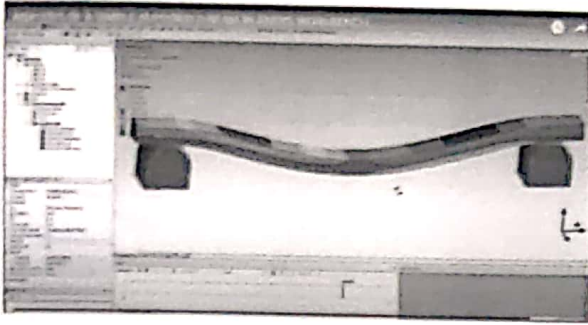
Subject Code : 19PCD 204

Subject Name : Advanced Analysis and Simulation Laboratory

Activity Supports: Simulation in Ansys software & Video lectures to improve the problem analysis skill 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, Structure Analysis of simply supported Beam & Thermal analysis of Disc Brake using Ansys workbench. Therefore the simulation video technique from YouTube is used for better understanding.	
Topic	Structure Analysis of simply supported Beam & Thermal analysis of Disc Brake using Ansys workbench	
Type of Activity	Group Learning	
URL of the videos	1. https://www.youtube.com/watch?v=G8X_Cdik5bQ 2. https://www.youtube.com/watch?v=86hYegZ77sE	
In Class Activity	What Course Instructor Does	.Play the visualization
	What student Does	Listen, Observe
Description	Simulation of structural Analysis & Thermal Analysis using Ansys workbench are visualize to the group of student for improving the simulation skills & Employability opportunity.	

SCREEN SHOTS:



Outcome

Students were easily understood the concept with the help of YouTube videos and Ansys software.

J. Vairamuthu
Course Coordinator
[J. VAIRAMUTHU]

E. K. K. K.
HOD - Mechanical

HEAD OF THE DEPARTMENT
DEPARTMENT OF ME-CAD/CAM
Sethu Institute of Technology
Pulloor, Kariapatti - 626 115
Virudhunagar District