



**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 103**

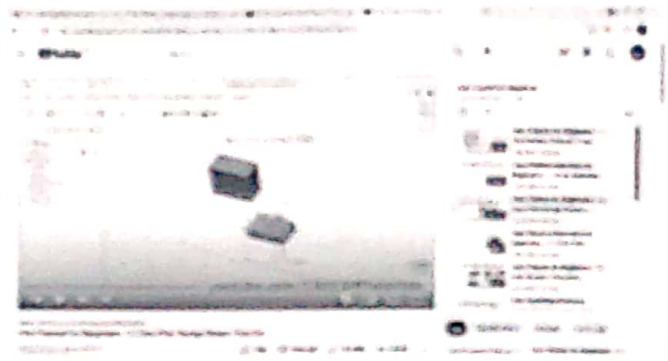
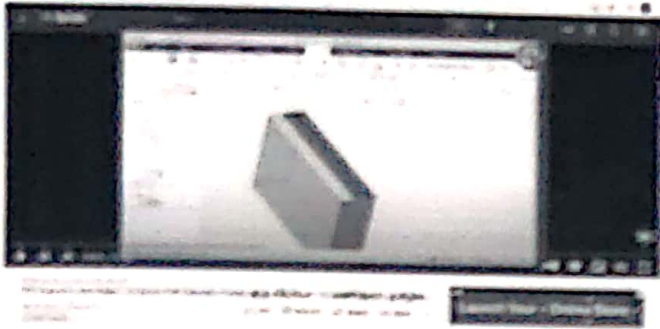
**Subject Name : CAD Laboratory**

**Activity Supports: Component Modeling in Creo software & Video lectures**

**to improve the Product designing skills to support Employability.**

<b>Goal</b>	To Build Software based 3D models, to develop a diverse set of design solutions	
<b>Technique used</b>	In Conventional teaching, the students are not able to understand the concept of - Solid modeling, Surface modeling, Feature manipulation, Assembly, Drafting. By using Creo Parametric software and the Component modeling videos from YouTube is used for better understanding.	
<b>Topic</b>	Solid modeling, Surface modeling, Feature manipulation, Assembly, Drafting.	
<b>Type of Activity</b>	Group Learning	
<b>URL of the Videos</b>	1. <a href="https://www.youtube.com/playlist?list=PLrOFa8sDv6jfVMccV28fssFut0EG0NNb6">https://www.youtube.com/playlist?list=PLrOFa8sDv6jfVMccV28fssFut0EG0NNb6</a> 2. <a href="https://www.youtube.com/watch?v=98kDII3XwFM">https://www.youtube.com/watch?v=98kDII3XwFM</a>	
<b>In Class Activity</b>	<b>What Course Instructor Does</b>	. Play the visualization
	<b>What student Does</b>	Listen, Observe
<b>Description</b>	Solid modeling, Surface modeling, Feature manipulation, Assembly, Drafting, using Creo Parametric software 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 Creo Parametric software.

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