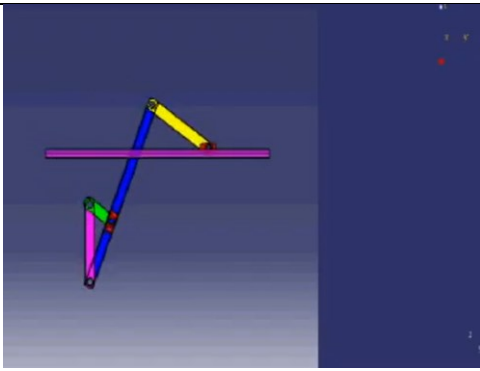
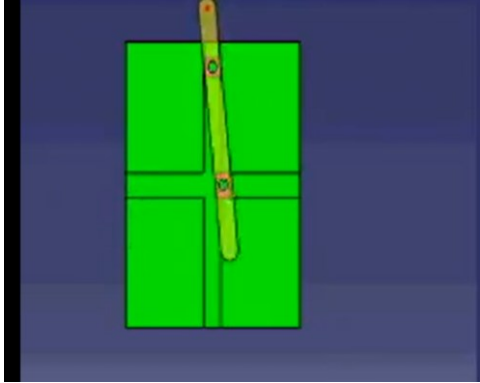
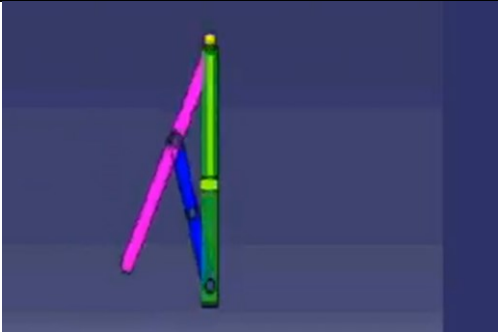

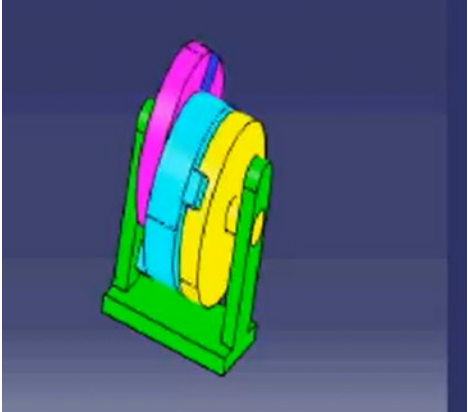
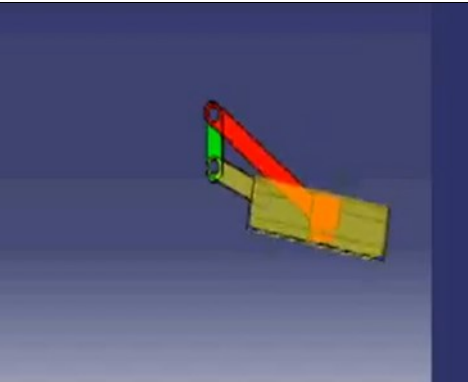
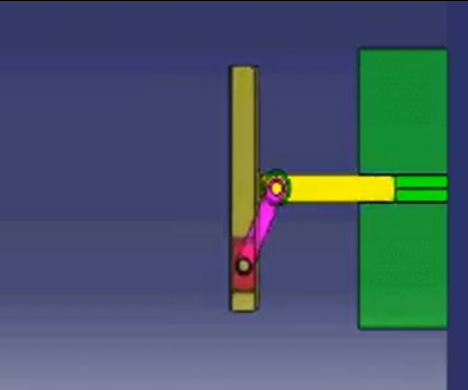


Working videos using CATIA V5 for Educational Purpose by Prof. Antony J K

Link: [https://drive.google.com/drive/folders/1I6Tmtkex1EXOvJ3Mt-6\\_4I7VRnFKjKJ9](https://drive.google.com/drive/folders/1I6Tmtkex1EXOvJ3Mt-6_4I7VRnFKjKJ9)

Sl. No	Title
1.	 <p data-bbox="624 712 1099 786">Crank and Slotted Lever Mechanism (Screenshot from the video)</p>
2.	 <p data-bbox="679 1167 1043 1240">Elliptical Trammel (Screenshot from the video)</p>
3.	 <p data-bbox="679 1570 1043 1644">Hand Pump (Screenshot from the video)</p>
4.	 <p data-bbox="679 1962 1043 2031">Working of an IC Engine (Screenshot from the video)</p>

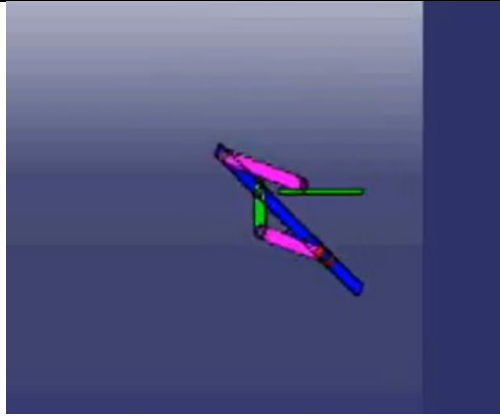
5.		 A 3D CAD model of Oldham's Coupling. It consists of three main parts: a central yellow disk with a T-shaped cross-section, a blue disk with a matching T-shaped cross-section, and a green frame that supports the disks. The disks are mounted on a common shaft, and their T-shaped profiles engage with each other to transmit motion.	
6.		 A 3D CAD model of a rotary engine mechanism. It features a central red crankshaft with a connecting rod (orange) and a piston (grey). The piston is connected to a curved, cam-like component (yellow) that rotates around a central axis. The entire mechanism is shown in a perspective view against a dark blue background.	
7.		 A 3D CAD model of a Scotch Yoke Mechanism. It shows a vertical grey crankshaft with a yellow connecting rod. The connecting rod is attached to a pink yoke that fits into a green rectangular slot. The yoke is connected to a horizontal green shaft, which is part of the output mechanism. The entire assembly is shown in a perspective view.	

Oldham's Coupling  
(Screenshot from the video)

Rotary Engine  
(Screenshot from the video)

Scotch Yoke Mechanism  
(Screenshot from the video)

8.



Whitworth quick return motion mechanism  
(Screenshot from the video)