#### **ME370: ADAMS LAB**

# Department of Mechanical Engineering, IIT Bombay



### **Session 1 Report**

Group: 8A

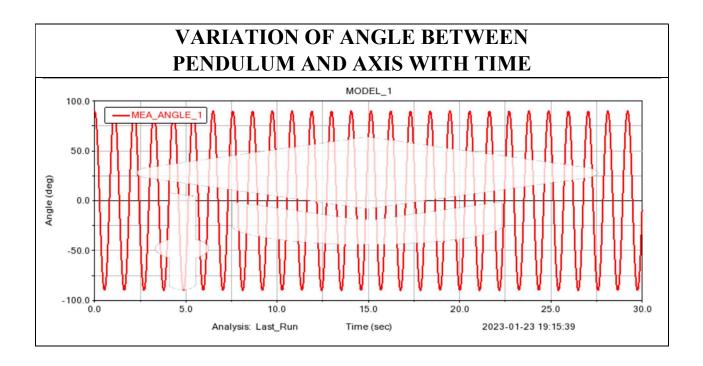
Name: Ameya Halarnkar Roll Number: 200020023

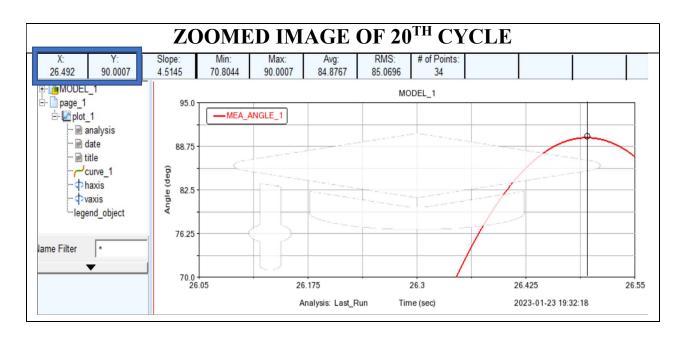


MSC Software

**Date:** January 23,2023

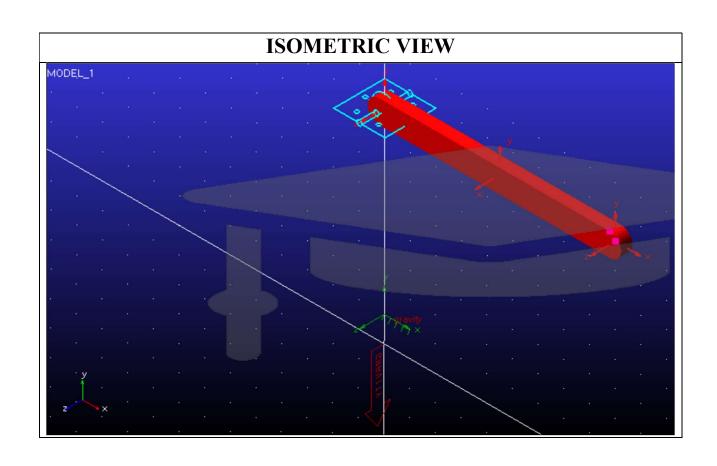
## **Question 1 (Simple Pendulum)**



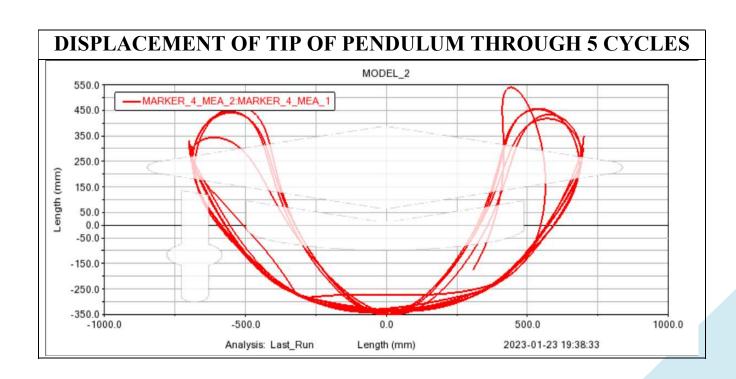


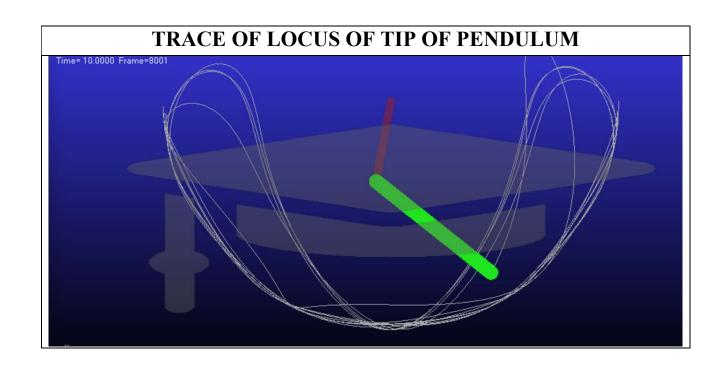
### **RESULT:**

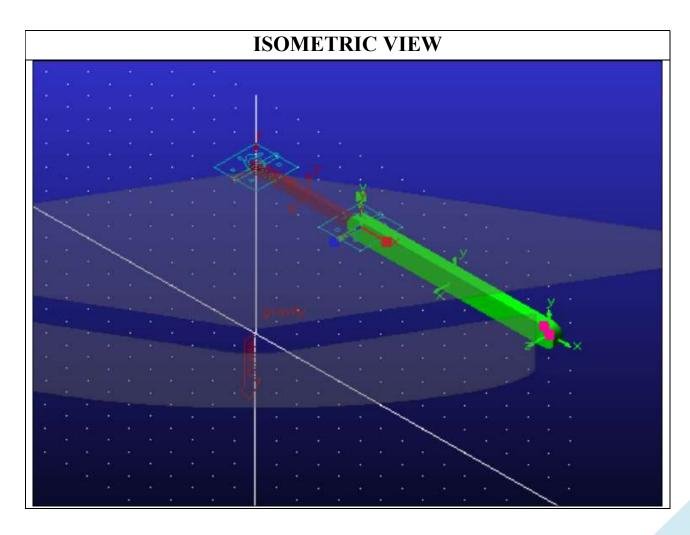
Angle made by the link with the vertical at the end of 20 cycles is 90.007 Degrees



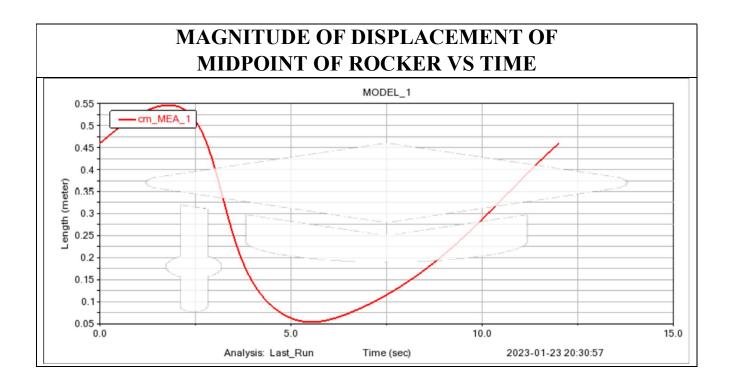
## **Question 2 (Compound Pendulum)**

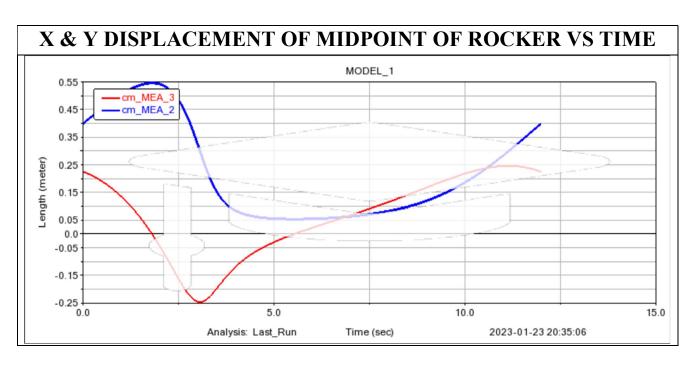


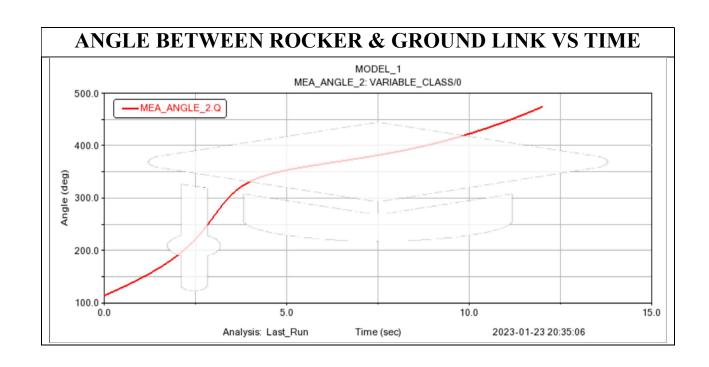


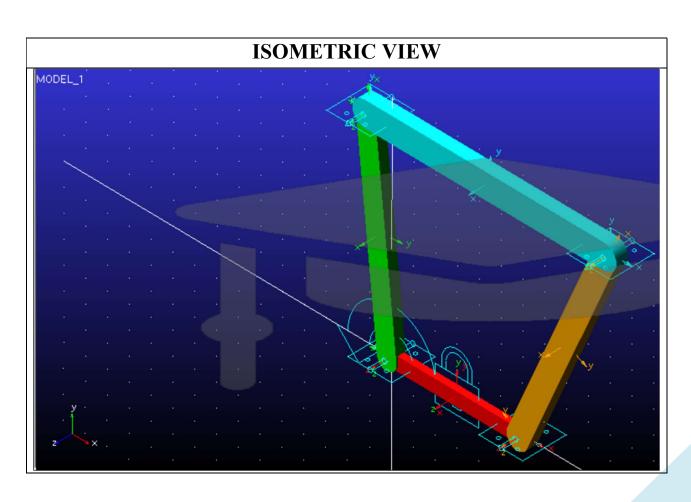


## **Question 3 (4-Bar Linkage)**









## **Question 4 (Slider Crank Mechanism)**

