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

# Department of Mechanical Engineering, IIT Bombay



#### **Session 4 Report**

Group / Section: A8
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Roll Number: 200020023

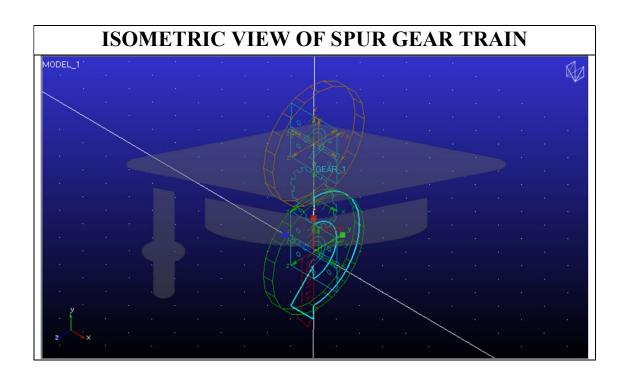


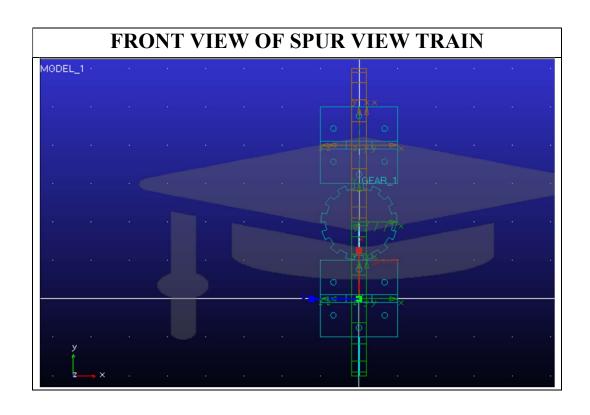
Date: February 17,2023

### **Given Information**

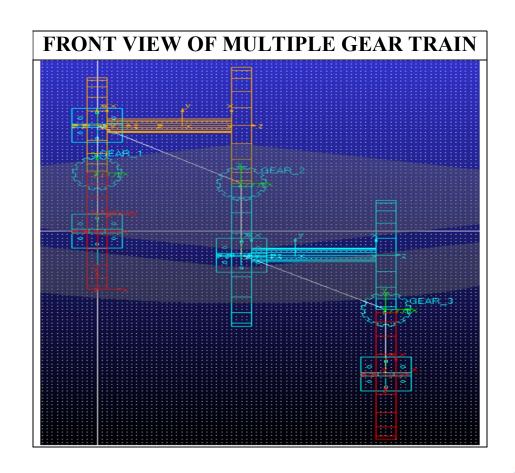
	Lengths					
Roll Number	BE	CE	BF	CF	BG	CG
200020023	182	449	325	313	193	191

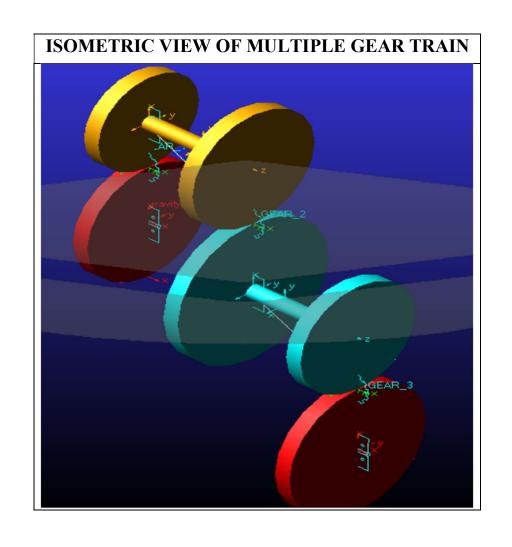
## **Question 1 (Spur Gear Train)**

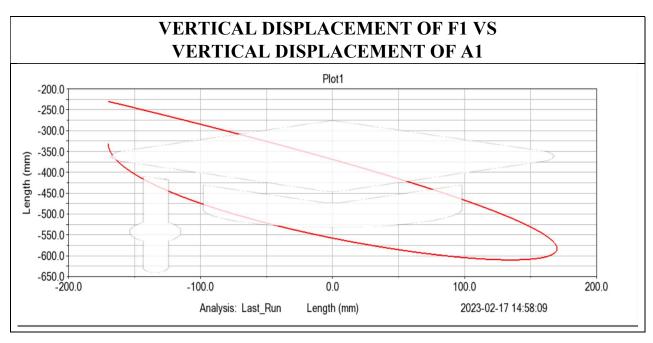


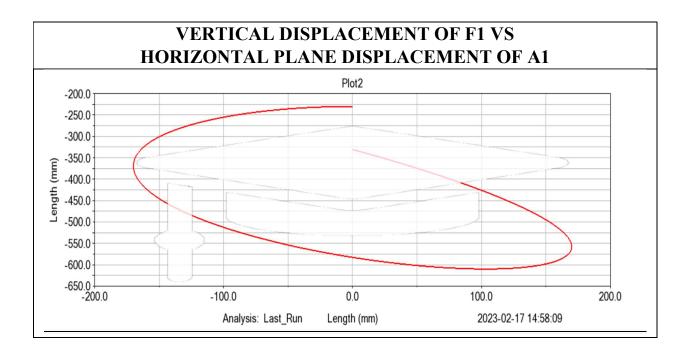


## **Question 2 (Multiple Gear Train)**

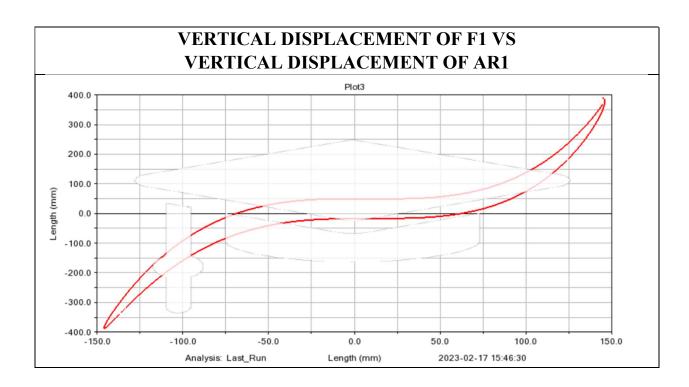








#### **Question 3 (Planetary Gear System, Sun Stationary)**



#### **Question 4 (Planetary Gear System, Sun Moving)**

#### **INPUTS:**

- Sun Gear was rotated at 0.5 degrees per second clockwise for 360 seconds.
- Arm was rotated with respect to Sun Gear at 1 degree per second clockwise for 360 seconds.

