

## **e-Yantra Robotics Competition (eYRC - 2016)**

### **Task 2 – Model a Terrain**

#### **Problem Statement 2: Make a Sequel of Dangal**

**(15 points)**

Modify the Dangal game you developed (assigned as Problem statement 1) by adding:

1. Stopwatch Timer: 60 seconds
2. Scoreboard: showing performance of each Player.
3. The two players have to engage in a Dangal three times. If one player knocks the other player down, atleast two out of the three times, then that player is the winner.
4. Notifications: Game start and end, replay/reset/quit, and result (announcing the winner/tie)

#### **Here is a chance to win some brownie points:**

**(5 points)**

Modeling the player / rink in a detailed manner will earn you additional points. You can go creative in adding colour, text, shapes, lights or textures to make it more realistic.

#### **Submission Guidelines**

**Evaluation would be done on the basis of your Stopwatch Timer, Scoreboard, Notifications, and the overall functionality of the game. Optimization of Python script will also be considered.**

**Finally, save the Blender file as ProblemSolution2.blend and make a video of the game you have made. Video should not exceed duration of 3 minutes. Instructions are given in Problem Statement Read Me file.**