

# **Inceptum Reloaded**

## **ROBO SOCCER**

### Introduction

This competition encourages the robotics skills of students with an interest in soccer. Participants are required to build and fabricate a robot to play soccer in an arena designed for that.

### Design specification

- \* Robot should be self fabricated, kit robots are not allowed.
- \* Robot may have legs, wheels, tracks or a combination of any of these.
- \* Robot should only be big enough to be contained in 300x300x300 mm cubical box.
- \* Robot should be wired, wireless robot are prohibited.
- \* A 220-240 volts 50 hertz AC supply power source will be provided.
- \* Robot may have clamps for the purpose of manoeuvring the ball and guiding it to the goal.
- \* For the sake of safety there should not be any sharp edges in the robot.
- \* Electromagnets are prohibited.