BALL WARS
21st and 22nd Feb

INTRODUCTION

The machine (bot) has to put as many balls as possible from its area to the opponent's area.

Arena:
The arena is shown in the figure.
The surface of the arena will be flat at most of the surfaces.
Note: The arena shown in the figure is the proposed design. The actual arena is subject to change.

Specifications:
Power supply will be provided to the team at the time of event for its machines. Onboard power supply is also allowed.
The potential difference between any two points of the machines must not exceed 24 V
DC and 4A of current.
The bot dimensions must not exceed 25cm*25cm.
The bot can be wired or wireless. In case the machine is using a non-electric power supply, kindly get it approved from the organizers beforehand via email. Organizers are not responsible for inconvenience if approval is not sought.
Diameter of ball is 4 cm (Ping Pong Ball).
While travelling, the bot must not carry more than 3 balls.

Game Procedure:
At the start of the run, the machines will be placed in their respective starting zones.
It will be a one on one match of 5 minutes.
The bot is required to put balls from its territory to the opponent's territory.
If a team opts for a restart, then the machine will be restarted by placing it in its starting zone.
No penalty will be awarded for a restart.
During a restart, the teams can make any hardware changes (if required). However, the clock won't be stopped during the restart.

At the end, the team with more points wins.

Miscellaneous:
Any team that is not ready at the time specified will be removed from the competition automatically.
The machines would be checked for their safety before the run and would be discarded if found unsafe for other participants and spectators.
Organizers' decision shall be treated as final and binding on all.
In any case there should be no damage to the arena.
The organizers reserve the right to change any or all of the above rules as they deem fit.
Change in rules, if any, will be highlighted on the website and notified to the registered participants.
In case of ties during elimination round, a rerun will be given to the teams.

Registration Fee: Rs. 200 (4 members) + 50 per extra member

Date of Event: 21st and 22nd February 2014

FAQ's

1. What is the team structure?
   - Team may consist of at most 5 members. Members can be from same or different institutions. No person may be a part of multiple teams for the same event. However, participants should only be from recognized educational institutes/universities.

2. What things are the participants expected to bring?
   - College ID cards and Receipts of registration.

3. Can I register on the day of the event?
   - We normally keep registrations open even on the event day. But if we feel that the number of teams is exceeding the limit set by us, we may have to close on-spot registrations. It is highly recommended that registration be done prior to the event day.

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