**Yantra Samar (Vicious Clutch/Block Beast)**

The problem statement demands a greater mutual understanding between the team members. Gameplay will consist of a manually controlled bot which can do simple tasks of gripping blocks & transporting them into their respective areas and complete the run by earning maximum points in minimum time.

**Event Structure:**

* Match duration: 5-7 minutes.
* Bot setup time: 60 seconds.
* During the match only two team-members will participate in competition, one member will control the bot and the other member will guide the other one about the arena. Teams can switch members in different matches.
* The game will be started once the team(s) arrives at the event venue after registering themselves.
* Announcement of the results will be on the same day of the event.
* Winning criteria: The winner will be decided by the final points (points are earned by grasping and placing the blocks/shapes into their respective areas while completing the track, point system will be briefly described in the Scoring section).

**General Rules:**

* Each team can have a maximum of 4 participants and minimum of 2.
* A team may consist of students from different colleges.
* The robots will be inspected before the event. Failing the inspection shall lead to disqualification.
* No damage should be made by a bot to the arena or to other team’s bots during the match in any manner.
* Bots should not be disassembled until the results are declared.
* The organizers reserve the right to change the rules and/or arena as they deem fit.
* When a team is called for a match, they must report within five minutes.
* **Judges/Manager's decision will be final.**

**Bot Specifications:**

* During the whole event, both the bots must fit within a cuboid of 380x300x300 [(l x w x h) in mm] failing which the teams will be disqualified.
* Flippers, grippers and other mechanisms (if any) should be well within the given dimensions.
* The Robot must be stable and able to move on its own. A Bot that does not fulfil these criteria will be disqualified.
* The wire used to power/feed the bot should remain slack always.
* Each team must bring its own power supply for the Bots.
* Only **onboard power supply** is permissible.
* The charging points will be provided by the hosts to the participants to charge their bot’s batteries.
* The voltage difference between any two points on the Bot must not exceed 24 volts.
* Pneumatic/Hydraulic/Cutter/Projectile/Entanglement mechanisms are **NOT** allowed.
* Wireless Control - If you are using a home built control system, or a control system not commercially available, you must first clear it with the Managers.

**Maximum teams from an Institute:** 03 (Three)

**Registration Fees**: INR 200/Team (To be submitted to the Event Registration desk)

**Minimum Teams criteria for** **validation of cash prize:** 03(Three)