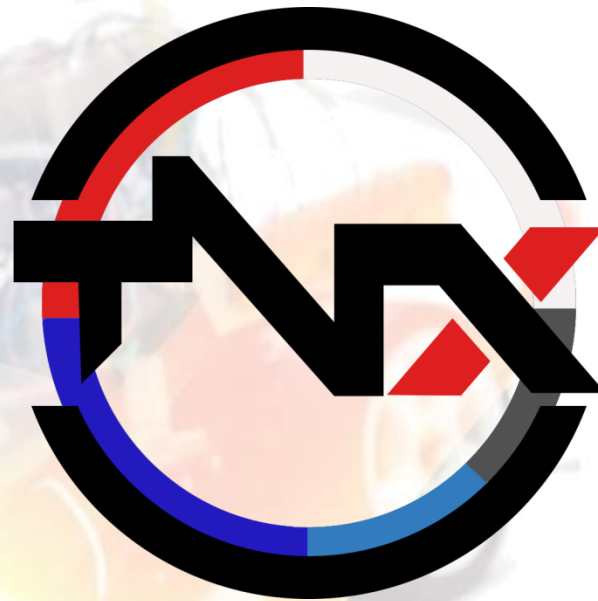




ST. VINCENT PALLOTTI COLLEGE OF ENGINEERING & TECHNOLOGY, NAGPUR

Gavasi Manapur, Wardha Road, Nagpur-441108



TECHNEX'19



Castle Dash

Race your Wit, To Chase the Fun



Event Description

“Race your Wit, To make the Checkpoints, Unlock the Paths, to chase the Victory”

The Doors are Automated, Make your Bot to Tackle the Barrier, Make your Will to make your Destiny... Unlock the Castle with a Dash to Earn Lots of Cash.

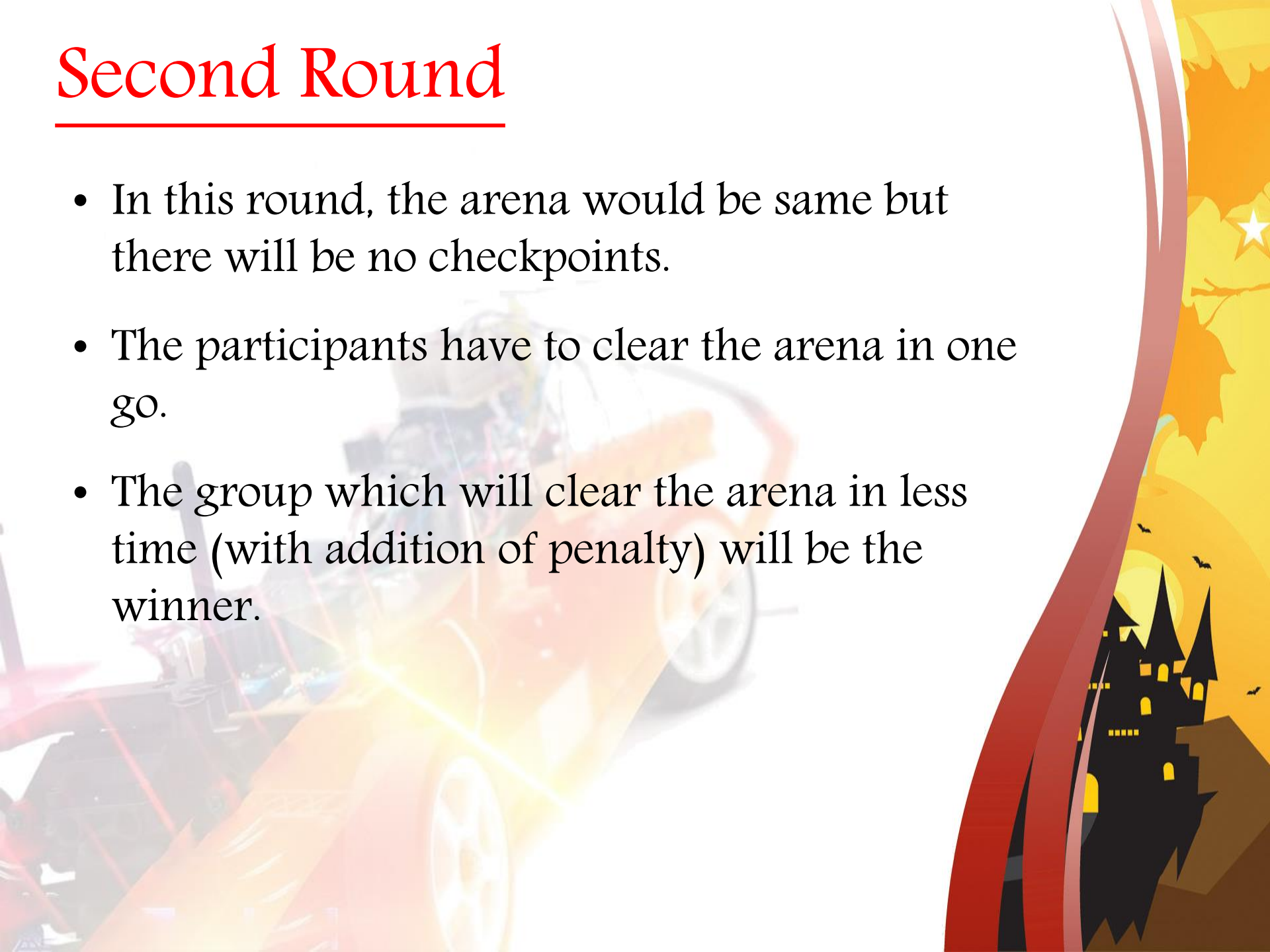
First Round

- The arena in this round will contain stationary as well as moving hurdles.
- The arena will contain 2 checkpoints. At each checkpoint a question will be asked.
- If the team answers the question right, further leniency (like touching the bot if it is stuck, etc.) would be given. But if the team answers the question wrong, leniency won't be given.
- If the team answers the first question wrong, they would have to start to cross the arena again and if the second answer is wrong, they can start from the second checkpoint itself.
- At each check point if the answer is wrong, 10sec would be added to their calculation.



Second Round

- In this round, the arena would be same but there will be no checkpoints.
- The participants have to clear the arena in one go.
- The group which will clear the arena in less time (with addition of penalty) will be the winner.



Bot Specifications

A custom-built wireless robot is shown, featuring four large, treaded wheels. The robot's chassis is white and holds a central motor, a battery pack, and various electronic components. Wires of various colors (red, blue, white) are connected to the components. The robot is positioned on a light-colored surface.

- Wireless Bot
- 20cm width
- 20cm length
- 15 cm height
- Maximum 2 kg

General Rules

- Robot should be made as per the given specifications.
- Each team can have maximum 4 members. Students from different institutes can form a team.
- Each member of the team must contain the identity card of his/her respective institute.
- The robot should not damage the arena.
- The robot must not leave behind any of its parts during the race; else it will result in disqualification
- Unethical behaviour could lead to disqualification. Faculty-coordinators/Student-coordinators have all the rights to take final decision for any matter during the event.
- Robot can be modified in the event with no penalty only at the checkpoint.

*Rules may subject to change

Workshop Details

By Embedded Systems & Robotics Lab

- Certified Workshop
- Bluetooth Controlled Robot
- Take Away Kit For a Group

Registration Details

Direct Competition Charges

Rs.650/-

Per group

(Maximum 4 members)

Workshop Charges

Rs.2800/-

(inclusive of the Kit)

Total Charges: $650+2800 = \mathbf{3450/-}$

Contact Details

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