



Balloon Car Race

Task

Every participant has to run his balloon car on the provided track.

Arena

When you blow up the balloon and let it go, escaping air from the balloon rushes out of the straw causing propulsion. The principle at work is Newton's Third Law of Motion, which states that for every action, there is an equal and opposite reaction. The reaction is the movement of the car.

Machine Specifications

1. The maximum dimension of the car should be up to 25X25X15.
2. Balloon size medium or large only.

Event Rules

- a) Every Participant must bring is own balloon car.
- b) The car should be of the specified dimension.
- c) The stoping point will be the point where the car stops.
- d) The cars should only run on the track specified to them and if any car gets into another lane, the point at which it gets into another lane, that point is consider as stoping point.
- e) Every team should have unique participants i.e. no two team can have either a single participants common.
- f) The decision of organizing committee will be final & biding.
- g) The organizing committee reserves rights to change the rules at any time & changes will be notified to the participants on the spot.

Judging Criteria

The judgment is based on the total distance covered from the starting point to the point where the car will stop.



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Provisions at Competition Site

Each team will be provided with the basic constituents like cement, sand, aggregate, water, RHA and thermocol.

Faculty Coordinator Details

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