

Rule Book For

AIROFOIL MAKING

1. Event Overview

The Airofoil making Challenge is an exciting competition where participants construct and test their own airoil structures using the materials provided. The goal is to design the best airofoil that achieves the best efficiency in wind tunnel.

2. Eligibility

- Open to all students.
- Teams can have 1-4 members.
- Only registered participants are allowed to compete.

3. Materials and Tools

- Provided by Organizers:
 - Balsa
 - Butter paper
 - wooden sticks
 - sandpaper
 - sprayer bottle
 - polythene sheets
 - other necessary stationery items
- To be Brought by Participants:
 - Any other small stationary items needed for precise construction and basic things

4. Construction Rules

- Participants must build their airofoil within the provided time limit of 45 minutes.
- They must create the airofoil according to the design provided.
- No additional materials (other than what is provided) are allowed.
- The airofoil will be tested in a wind tunnel for best efficiency.
- No extra material will be provided.

5. Competition Rules

- Each team will be given a set time limit to complete their structures.
- The airofoil will be tested in a wind tunnel.

6. Judging Criteria

- The airofoil design should meet the given design specifications and it will be tested in wind tunnel.

7. General Guidelines

- Participants must adhere to safety measures while using cutting tools and adhesives.
- The airofoil design should be within the specifications given.
- Any damage to the materials provided before construction must be reported immediately.
- Any unfair means or rule violations will lead to disqualification.
- The decision of the judges will be final.

8. Awards & Recognition

- Winner: Best performance in wind tunnel

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