

🥚 Egg Drop Challenge at Makers Fete 2024 🥚

Put Your Engineering and Creativity to the Ultimate Test!

Introduction:

Participants are tasked with designing and constructing a device that will protect an egg from breaking during a freefall from heights ranging between **10 to 60 feet**.

Categories:

- **Junior:** Grade 4 to Grade 7
 - **Senior:** Grade 8 to Grade 11
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Rules and Specifications:

1. Materials:

- No metal, glass, or shatterable materials.
- Bubble wrap, sponge, and styrofoam are also prohibited.
- **Participants must bring all their own materials; no materials will be provided by the organizers.**

2. Weight Limit:

- The device, excluding the egg, must not exceed **500 grams**.

3. Size Limit:

- The device must fit within a **20 cm x 20 cm x 20 cm** box.

4. Freefall Requirement:

- The device must fall freely without contact with people or objects.
- No tethers, parachutes, or air resistance devices.

5. Egg Accessibility:

- The design should allow easy insertion and removal of the egg.

6. **Egg Security:**

- The egg must remain inside the device throughout the test.

7. **Design Criteria:**

- Emphasis on unique and innovative design. Minimum dimension measurement applies.

8. **Provided Egg:**

- Only the **Grade A raw eggs** provided by the coordinator are to be used.
 - Any alteration to the egg's physical properties leads to disqualification.
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Judging:

- The egg must remain unbroken and uncracked after the drop.
 - Participants must show the egg to the judge for verification.
 - The judge's decision on the egg's condition is final.
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Prizes (for each category):

- **1st Place:** Rs 1750/-
 - **2nd Place:** Rs 1000/-
 - **3rd Place:** Rs 750/-
 - **Best Design:** Rs 1000/-
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Registration:

Register online via the **CFAL India's Makers Fete website**.

Get ready to test your engineering skills and bring your creative ideas to life! 🚀