



## ICE CHALLENGE

### Task

Event involves fabrication of an insulated box to minimise heat loss. The fabrication will be done by the participating team at their own place.

### Machine Specifications

<i>Equipment details (pre-fabricated at participants own place)</i>	<i>The equipment should be fabricated in such a manner that it should minimize heat loss to surroundings; the capacity of the box should be limited to 500 g of ice and the thickness of each wall should not exceed 5cm.</i> <b>Note:</b> Any material of construction can be used.
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### Event Rules

Maximum team member: 05

Minimum member: 02

- i. Each participant will be given 500g of ice.
- ii. The ice will be kept in the fabricated equipment for 90 minutes.
- iii. The efficiency of equipment will be tested by weighing the amount of ice left.
- iv. The minimum reduction in weight of the ice will be announced as a winner.

### Judging Criteria

The minimum reduction in weight of the ice will be announced as a winner.

### Provisions at Competition Site

Ice, weighing balance.

### Faculty Coordinator Details

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