



भारतीय सूचना प्रौद्योगिकी संस्थान, नागपुर  
INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, NAGPUR

C/o Regional Telecom Training Centre (RTTC) BSNL, Seminary Hills, Nagpur-  
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*Presents*

## CONTRIVANCE (CONTRAPTION)

**PRIMARY TASK:** To build a contraption with the given materials and use it to burst a balloon filled with air.

**SECONDARY TASK:** To build a contraption with the given materials and use it to drop an empty can into a basket.

**TIME:** 3 Hrs to assemble the contraption.

**Maximum participants per team: 5**

**Minimum participants per team: 3**

**Participation fee per team: ₹300.**

### **JUDGING CRITERIA:**

- 1) The primary task is compulsory.
- 2) The task must be completed in not more than 3 attempts.
- 3) If the task is completed in the 1<sup>st</sup> attempt, 30 points will be awarded. If it is completed in the second attempt, 20 points

will be awarded and if it is completed in the third attempt, 10 points will be awarded.

- 4) 5 points will be deducted if an extra 15 minutes is taken by the team. Also not more than 15 minutes extra will be given to a team.
- 5) If a team wishes to intervene (hand touch), 5 points will be deducted for each intervention. However it must be noted that the balloon should not burst by human intervention.
- 6) If a team fails to complete the primary task then it will be disqualified.
- 7) Bonus points will be awarded for completing secondary task.
- 8) After completing the task, points will be given for the items utilized in the construction of the contraption. Each item will have a predefined number of points whose list will be provided separately.
- 9) Items other than those in the list can be used. But if any item that is not mentioned in the list is used, no points will be added for that item.
- 10) At least 3 items from the list must be used
- 11) Also note that for an item to be considered as a part of the contraption, it must either provide a path for the continuation of the chain reaction or support the structure that provides this path.
- 12) The contraption should not occupy more space than the allotted space for a team.
- 13) The team with the maximum number of points will be declared victorious.

- 14) Any misbehaviour with the coordinators or the judges will lead to direct disqualification of the team involved.
- 15) Use of any explosive material is not allowed.
- 16) Use of obvious unfair means will lead to disqualification of the team.
- 17) In case of a dispute the decision of the judges shall be final.

- Stay tuned to our website [tantrafiesta.me](http://tantrafiesta.me) for registrations and updates.
- Note: Every participant has to report at institute 1 hour prior to competition.
- For more queries, feel free to call or WhatsApp on:

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