



भारतीय सूचना प्रौद्योगिकी संस्थान, नागपुर

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, NAGPUR

C/o Regional Telecom Training Centre (RTTC) BSNL, Seminary Hills, Nagpur-440006

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Presents

CONTRIVANCE

(Rube Goldberg Machine)

A Rube Goldberg machine is a machine intentionally designed to perform a simple task in an indirect and overcomplicated fashion. Often, these machines consist of a series of simple devices that are linked together to produce a domino effect, in which each device triggers the next one, and the original goal is achieved only after many steps.

EVENT HELD ON: 27-28th October 2018

TEAM DETAILS:

- **Maximum participants per team: 5**
- **Minimum participants per team: 3**

ABOUT THE EVENT: The event is about designing a contraption based on which the given task could be accomplished. TASK is given at time of the event in venue.

TIME: 3 Hrs to assemble the contraption

ABOUT THE COMPETITION:

- 1) The task must be completed in not more than 3 attempts.
- 2) If the task is completed in the 1st 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.
- 3) 5 points will be deducted for every extra 15 minutes taken by the team. Also not more than 30 minutes extra will be given to a team.
- 4) 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.
- 5) If a team fails to complete the task then it will be disqualified.
- 6) In the special case that no team is able to complete the task, points will be considered for construction and execution. (In this case the balloon must at least be displaced from its position)
- 7) 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.
- 8) If any item that is not mentioned in the list is used, no points will be added for that item.
- 9) 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.

- 10) The contraption should not occupy more space than the allotted space(8ftX8ft)
- 11) The team with the maximum number of points will be declared victorious.
- 12) Any misbehaviour with the coordinators or the judges will lead to direct disqualification of the team involved.
- 13) Use of any explosive material is not allowed.
- 14) Use of obvious unfair means will lead to disqualification of the team.
- 15) In case of a dispute the decision of the judges shall be final.

GENERAL RULES:

- All candidates are requested to register through online forms available on official website www.tantrafiesta.in
- Candidates are requested to pay the registration fees by methods mentioned in payment section on website.
- Registration will be confirmed only after payment of registration fees.
- Participants are requested to bring their college identity cards on the day of event.
- **Please, do collect your identity cards available at registration desk.**

REGISTRATION FEES: 300/- per team

PRIZES*: 1st: Rs 2000/-*, 2nd: Rs 1000/-*

NOTE:

- Decision of judges will be final.
- ***Tantrafiesta'18 team** has full rights to make any changes in prize and schedule for the competition.
- Few more rules would likely to be added based on task.
- Stay tuned to our website www.tantrafiesta.in for registrations and updates.

For more details contact:

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