

Contraption

‘Optimization hinders evolution.’

The problem statement this year is: To light a bulb

Rules and Regulations:

- ❖ Students currently enrolled for up to an Undergraduate/Postgraduate program at their institute are eligible for the competition.
- ❖ Number of members per team should **not exceed four**.
- ❖ Every team has to **register** online at our **www.techfest.org** for the competition. A registration number will be allocated to the team on registration which shall be used for future reference.
- ❖ No dimension of the machine should exceed **6ft**.
- ❖ The machine must complete the task as described in the problem statement.
- ❖ The machine must have **a minimum of twelve steps**. There is no limit to the maximum number of steps.
- ❖ There should be a **minimum of four energy transformations** in the contraption.
- ❖ No human intervention is allowed once the machine starts. A **maximum of three trials** will be given to each machine to perform.
- ❖ Teams will be given only one hour prior to the competition to set up their contraption at the venue.
- ❖ Each team must submit a concise copy of a step-by-step description of their machine to the competition coordinator as soon as it starts setting up the machine at the contest venue.
- ❖ The participants are encouraged to bring a chart showing the step-by-step working of the contraption for the convenience of the spectators.
- ❖ Judges decision shall be treated as final and binding on all.