



INDIA 2030 EXPO

Problem Statement:

To provide innovative and creative solutions to create technology enhanced future India in 2030. Choose a problem that you believe has yet to be solved and demonstrate your abilities by displaying a prototype solution. The best solution provider will be chosen based on innovation and application.

Theme: India 2030 in your Dreams!!

Description:

Bring out your inner Maker and show off your creativity. Each and every segment of society is undergoing a technological revolution. Display your innovative projects in any field (for example, agriculture, automation, education, energy, medical, robotics, industrial, housing and infrastructure, and space exploration) that can provide real-time solutions to humanity. The goal is to create a design that is sustainable, equitable, and human-friendly while also providing innovative and holistic services. In particular, we have selected a topic on which the project can be focused on **“INDIA 2030”**.



Other specification:

1. Challenge and Solution:

- Participant can choose the problem of his/her own choice from the above given topic.
- Solutions provided must be easy, innovative, ready to implement and cost effective.
- Team formation is not allowed.

2. Design:

- On the day of the event, a working model/prototype should be presented. The Individual will be disqualified if he or she does not have a working model.
- Presentation is highly necessary to make the judges and other viewers understand why you chose the problem (how big it is and why it should be solved) and why your solution is the best (make sure you talk about the existing solutions too)
- Your working model should NOT include any items that could break or endanger others. Do not use any items that are intended to cause harm to others.
- Any flaming equipment is not allowed and devices that throw things and damage the event space are not allowed.
- No damage should be made to the event space during the time of the contest.
- Your innovation/project should not cause any problems for the viewers or fellow makers.
- The size of your project/innovation setup should not exceed 2.5x2.5 Feet. Any setup which exceeds this limit will be disqualified.



4. Challenge description:

- Problem identified and solution provided should be clearly emphasized in the poster which you need to bring for the competition.

5. Scoring:

- Points will be awarded based on the problem identified, originality and uniqueness in the idea and implementation of proposed idea.
- The best project will be chosen by the Judges based on your score.
- Judges decision is final. The scores will not be disclosed at any situation.

6. Cost restriction:

- The maximum cost the student can spend over the project is INR.10,000/-
- The only cost constraint is for the use of electronic components in the project.
- There are no financial constraints associated with developing prototypes or models.
- The cost restriction does not apply to the microcontroller and battery.
- Cost restrictions are to guide you to create cost-effective solutions for the problem identified by you.

IMPORTANT NOTE:

- **The demonstration video of the project should be taken and submitted or uploaded in the Maker portal at least a week before to be eligible to take part in main event.**
- **Only selected projects will be allowed to participate in the event.**
- **The project coordinators will inform you regarding the allotted space to display your project on the day of the event.**
- **Judges decision is final.**