

TINKERER PROBLEM STATEMENT

INTRO

Tinkerer is organized with an aim to provide with an opportunity that can transform their innovation - something as simple and an initiative as their summer project or a research endeavor - into real new ideas. Here, we examine your ability to evaluate the innovation you can bring to an existing technology.

EVENT STRUCTURE

- Participants are required to pitch an idea in a given time on the topics related to drones and UAV's models (working or non-working) with a presentation at AIRUN where they will be judged by our panel of judges. This shall take place on 29 March at Manipal University Jaipur.
- The participants will make a presentation summarizing their ideas and plans.
- Different strategies like models, animation, simulation, etc. are allowed along with the presentation

GUIDELINES

- A team of maximum 4 members is allowed.
- All teams are required to fill the Registration Form.
- A college id- proof has to be submitted by all the participants prior starting of the event.
- Any further change in guidelines will be mailed accordingly.

Note: Participants should follow the guidelines strictly. In case of any dispute, the final decision will be in the hands of AIRUN, Manipal University Jaipur.

ELIGIBILITY

- Students (undergraduates and postgraduates and from schools) across the country are eligible to participate.
- Individual participation is allowed. However team participation is encouraged. Pooling projects from different clubs and departments of your institute is permitted.
- Entries must be the original work of participants i.e. team members competing must be the principal owners of the venture.
- In case any kind of plagiarism is found, AIRUN, Manipal University Jaipur reserves the right to disqualify the team.
- A member can only be a part of one team.

- Bring your college/student I-Card at the time of competition.

JUDGING CRITERIA

- **PRESENTATION (35%)**
The team should clearly bring out the detailed plan of their proposed idea through presentation along with 2D/3D designs, simulation, animation, pictures, sketches, block diagrams, working/nonworking models, etc. (If needed).
- **INNOVATION & ORIGINILITY (25%)**
The team should provide original and innovative ideas to solve the defined problem. Weightage shall be given based on novelty, utility, simplicity, cost effectiveness and user-friendly approach.
- **PRATICALITY/RELIABILITY (25%)**
The idea proposed by the team should be feasible based on the solutions proposed above. The details of realization shall include availability of the material /component/ process etc. that may lead to a prototype. Reliability of a working prototype shall be given due weightage.
- **Q&A SESSION (15%)**
The team should be able to answer all the questions asked by the judges with proper explanation. In case on no questions from judges side the team will be awarded full marks in this criteria.

TERMS & CONDITIONS

- It is mandatory for participants to register online.
- Entries submitted after the deadline shall not be considered.
- The confidentiality of the entries/ ideas is guaranteed.
- The registration form and entries of the teams shall not be returned and their personal data will remain available only for statistical purposes.
- Entries remain the property of their legal owner.

Note: Participants should follow the terms and conditions strictly. In case of any dispute, the final decision will be in the hands of AIRUN, Manipal University Jaipur.