

Space Pilot – Drone Challenge

Qualifier Level (Online Submission)

Mission: Become a space drone pilot.

- Submit a **video (max 2 minutes)** showing:
 - Drone take-off, landing, left/right/forward/backward movement, 360° turn (if possible)
 - A short explanation of drone specs
- Mention your **name, school, and location** in the video
- Include a short clip of your drone assembling.
- **Drone Size:** Max 25 cm x 25 cm (including propellers)
- Video **file name** should be the Team ID. (Ex:)
- Video **file size** should not be more than **30 MB**.
- **Upload the video in:** <https://www.bharatteckleague.com/>

Finale Level (Offline Competition)

Mission: Rescue Lost Space Probe

- Fly your drone through a challenging arena designed to resemble an interplanetary environment
- Navigate through multiple space-themed obstacles including tunnels, hoops, and turns
- Complete 2 laps, switching pilot/co-pilot if in 4-member team

Judging: Precision, speed, obstacle avoidance, timing

Below are the purchase links for the **allowed DIY drones for participation**. Teams must use only the below-mentioned drones; **no other models are allowed**. One drone is enough for each team.

2. Drone - 1

<https://amzn.to/3U5M1K>

[S](#)

3. Drone - 2

<https://amzn.to/3IEWyK0>

4. Drone - 3

<https://amzn.to/40HSbEi>

5. Drone - 4

<https://amzn.to/40FafyU>

Team Guidelines

- Each team must have a **minimum of 2** and a **maximum of 4** student members.
- All members of the team must be from the **same school**.
- A student can participate in **only one category**.
- Teams must be mentored by a **teacher/coordinator/school representative**.
- Once the team is registered, no modifications to team members are allowed at any level of the competition.
- Teams must arrange their own materials, tools, and laptops as required.

Note: For all competitions, follow size, weight, and software rules mentioned. Any violation may result in disqualification. Ensure all required items (laptop, model, materials) are carried by the participants. Power supply will be provided at the venue.