



ASTRONAUTICAL SOCIETY OF INDIA (ASI)

(Reg. No. 317/90-91)

Reg. Office: U. R. Rao Satellite Centre, Old Airport Road, Vimanapura Post, Bengaluru - 560017

Guidelines for IN-SPACe presents CANSAT India 2022-23 organized by ASI

1. The competition is open to all undergraduate students enrolled in Indian colleges/universities.
2. Applicants shall apply for the competition in teams and the team applying for the competition shall have a minimum of 5 members and shall not exceed 8 members.
3. Only 1 team is allowed per college/university. If the college is affiliated to a university one application from each of these affiliated colleges is allowed.
4. Additionally, the Undergraduate Student team can have 1 faculty coordinator/advisor and up to 2 mentors who could be the graduate students enrolled in the university's higher education courses *or* faculty *or* the alumni of the institution. If there is no mentor than the faculty coordinator/advisor shall act as mentor.

The role of the faculty coordinator/advisor is to:

- provide a point of contact for the team, both with the university and the IN-SPACe and ASI
- assist teams with logistics such as arranging conference rooms, lab resources etc.
- providing general guidance throughout the competition.
- the faculty advisor shall not make design decisions or direct recommendations or participate in more than an oversight role during reviews.

The role of the mentor is to:

- Act as a liaison between the team and the competition committee. The mentor will be responsible for scheduling all competition reviews and coordinating all communications with the team. Mentors are also responsible for tracking the team's progress throughout the competition.
 - Team mentors shall be available to answer questions and provide general guidance.
 - The mentor shall not provide design recommendations.
5. The team applying for the competition must provide an approval letter from the institution consisting of the details of all the team members including the name, Institute ID, course enrolled in branch, year of graduation and the role in the Team (roles can be defined as per the tasks assigned to the team members) on the institute's letterhead duly signed by the head of the institution. The scanned copy of the letter shall be attached with the registration form. (Approval letter template can be downloaded from ASI website: <https://www.asindia.org>)
 6. **Last Date to Apply: 31 July 2022**



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7. In case of any changes in the team after the registration, an official request shall be made by the faculty coordinator/advisor regarding the same to asindia.org@gmail.com with a subject line: Team Change Request CANSAT India by IN-SPACe. No change shall be permitted post PDR.

8. Additional details:

- After the registration timeline is complete, participants will be provided with a mission requirement document for the CANSAT competition.
- The participants will be required to submit preliminary design review document (PDR) along with a non-refundable participation fee of Rs. 5,000/- (Rupees Five Thousand Only).
- The teams can start marketing pitch to attract sponsorship.
- All registered teams will then present their preliminary design review (PDR) to the jury.
- After the qualification at PDR stage teams, the qualified teams will have to pay Rs. 20,000/- (non-refundable) to further participate in the competition.
- The participants will be required to submit comprehensive design review (CDR) document within a specified period. The maximum cost of the CANSAT can not exceed Rs. 1,00,000/- (Rupees One Lakh Only). The cost break up shall be presented during the CDR. The usage of make in India components will be given due weightage during the evaluation.
- The CDR qualified team shall be permitted to fly their CANSAT, after mission/flight readiness review. The further rounds of review will be communicated in due course. The organising committee can introduce college/lab visits at any stage of the competition.
- The teams are advised to approach sponsors and will be allowed to adopt and sponsor a team (max. Rs. 1,00,000/- (Rupees One Lakh Only) for which the cost break-up shall be presented along with Critical Design Review. The qualified teams' details will be displayed on the ASI website.
- After the CDR the jury will check the CANSATs for the flight readiness during the Flight Readiness Review and launch dates will be given to the teams.
- In the final stage, CANSATs will be launched and after the flight review of the CANSATs winners will be decided.
- Launcher will be provided by the organisers. Further guidelines and evaluation criteria will be intimated in due course.



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9. Tentative Dates/Timeline:

S.no	Activity	Start Date	End Date
1	Registration	01-07-2022	31-07-2022
2	Preliminary Design Review	01-08-2022	30-09-2022
3	Critical Design Review	01-10-2022	31-12-2022
4	Flight Readiness Review	01-04-2023	31-05-2023
5	Launch Date	01-06-2023	30-06-2023
6	Post Flight Review	01-07-2023	31-07-2023

For any query, you may contact director-pd@inspace.gov.in or asi@ursc.gov.in with a subject line: **CANSAT India by IN-SPACe.**