

DJS ARYA 2019-20

DJS Arya is the official canister satellite team of Dwarkadas Jivanlal Sanghvi College of Engineering. We design small can sized models of satellites (called canister satellites) and participate in the international CanSat competition which is held in the United States of America every year. We represent our college and our nation at this international level competition with more than 400 teams participating in it. What started off as a final year project for a few BE students, is now a team of over 20 members from different departments of the college coming together to learn, make something different and make a mark Internationally.



Competition Details

The American Astronautical Society (AAS), National Aeronautics and Space Administration (NASA) and American Institute of Aeronautics and Astronautics (AIAA) organize an annual student design-build-launch competition for space-related topics. Teams must be able to design and build a space-type system, following the approved competition guide, and then compete against each other at the end of the two semesters to determine the winners. Rockets are provided but teams are responsible for funding the construction of their CanSat and all travel/lodging expenses.

Achievements

Results of CanSat competition 2018-19

DJS Arya first participated in the American CanSat Competition in 2018-19, and became a worldwide phenomenon in its first year itself. The team's growth has been exceptional and it achieved 24th rank in PDR and 34th rank overall (Worldwide) in 2018-19, which marked its first year as an official college team. It was also one of the six teams that represented India on an International platform in this competition, and one of the only few teams whose payload was deployed as expected and autogyro functioned as per mission requirements.

CanSat 2019 - 20 PDR round results

DJS Arya has participated in the 2019-20 CanSat competition which will be held in Virginia Tech, United States of America. This year's team scrutinized all the shortfalls and shortcomings of the last year's team meticulously. We reaped the rewards of our hard work when we got selected for the final round of the competition, even after stricter rules and a more challenging problem statement were in place this year. DJS Arya stood 13th all over the world in the PDR round of the American Cansat competition 2020, standing out from the hundreds of teams participating in this competition every year. We also stood 3rd in India, leaving behind our last year's score and improving our rank International and National rankings considerably.