About Satellite Workshop

A CanSat is a simulation of a real satellite, integrated within the volume and shape of a can. We will also launch the amateur solid propellent rocket which will go up to an altitude of around 200 feets.

Following things students will do as a part of the workshop:

1. To fit all major subsystems found in a satellite, including power, sensors, and communications, into the volume and shape of a can.
2. To provide a parachute to ensure the can survives the landing.
3. To carry out scientific experiments and transmit in-flight data to an Earth-based computer.

**Benefits**

The CanSat workshop offers a unique opportunity for students to have their first practical experience of a real space project.

Help students in understanding the concepts behind satellite technology

1. Students will learn about rocket technology.
2. Students will learn about electronics, sensors, soldering, programming, interfacing, etc.
3. They will learn about how to make a structure as per the parameters defined for the satellite

**Certificates**

All students will get participation certificates signed by NASA Expert, MR. George Salazar (NASA, JSC, USA)

Top 3 teams will get Medals.

Eligibility : Student from first year onward from any department will participate in this workshop.

**Requirements:**

Students/one group must have one laptop for programming.

**Registration fees:**

Group of maximum 5 and minimum 3

\*IEEE members group Rs 2500/- per group

\*DBIT members group Rs 3000/-

Non IEEE or Non DBIT members Rs 7500/- each

\*This offer is valid only for the first 15 registering groups (payment link will be sent after verification of registrants)