



Gujarat Technological University

School of Engineering and Technology

“Report on Online Meeting on Nano Satellite Development”

Title: Online Meeting on Nano Satellite Development with Space Applications Centre (SAC), ISRO.

Date: 7th July, 2026

Co-ordinated by: Prof (Dr.) Gautam Makwana (Associate Professor -GTU -SET)

No. of Participating: ISRO Nano Satellite Team and GTU School of Engineering and Technology (SET) Team.

Organised By: GTU-School of Engineering and Technology

The following members were present in the meeting:

No	Member's Name, Designation and Affiliation	Position
1	Dr.Rajul K Gajjar ,GTU,Ahmedabad	Vice Chancellor
2	Dr.Madhuri Bhavsar,GTU-SET,Ahmedabad	Director
3	Dr. Rajesh Thakker, GTU, Ahmedabad	Director, RDC
4	Prof. Gautam D. Makwana, Associate Professor, GTU-SET, Ahmedabad	Co-ordinator
5	Dr. Ritisha Bhatt, Assistant Professor , GTU-SET, Ahmedabad	Member
6	Miss Aayushi Garg ,Assistant Professor, GTU-SET, Ahmedabad	Member
7	Mr Naimish Patel,SAC-ISRO, Ahmedabad	Scientist
8	Mr Rajeev kumar,SAC-ISRO, Ahmedabad	Scientist
9.	Mr Amit kumar Gupta,SAC-ISRO, Ahmedabad	Scientist
10.	Mr Ritesh Kumar Shama,SAC-ISRO, Ahmedabad	Scientist

Highlights of the meeting:

An online meeting was held on 07 July 2026 between the ISRO Nano Satellite Team and the GTU School of Engineering and Technology (SET) team to discuss the planning and development of a 3U CubeSat project. During the meeting, Naimish Patel explained the overall project roadmap and provided an overview of the CubeSat development process. He informed the participants that the satellite bus will be common for the mission and that the complete project is expected to take a minimum of two years.

The discussion mainly focused on the initial phase of the project. Students will first conduct a detailed literature review on CubeSat technology, including its subsystems, mission objectives, and recent research. Based on their interests and technical skills, students will be divided into different domains such as the satellite bus, payload, communication, power system, attitude determination and control system (ADCS), onboard computer, and ground station. It was also decided that a list of interested students will be prepared to form the project team. Each domain will have a team leader responsible for coordinating the work, and faculty mentors will be assigned to guide and monitor the progress of every team. The meeting concluded with discussions on team formation, task allocation, and the next steps required to initiate the 3U CubeSat project successfully.



