



**“Report on the Organisation Visit to Space Applications Centre SAC-ISRO,  
Ahmedabad**

**Industrial Visit:** Space Applications Centre (SAC), ISRO, Ahmedabad

**Semester:** B.E. 3rd and 4th Year Students of affiliated Engineering colleges of GTU

**Date of Visit:** 30th June 2026

**Coordinated by:**

- Prof (Dr.) Gautam Makwana (Associate Professor -GTU -SET),
- Prof.Aayushi Garg, Assistant Professor, GTU-SET,

**No. of Participating Students:** 27

**Organised By:** GTU-School of Engineering and Technology

**Organisation Overview:**

The Space Applications Centre (SAC) is a major research and development centre of the Indian Space Research Organisation, located in Ahmedabad. It develops satellite payloads and space technologies for communication, remote sensing, navigation, meteorology, and disaster management, supporting various national space missions and societal applications.

**Objective of the Visit:**

Under GTU Nano Satellite Technology Centre, selected students of various affiliated degree colleges of the University, the visit aims to explore technical aspects and design methodologies of development of nano satellite ecosystem.

**Highlights of the Visit:**

During the visit, the students visited various laboratories of the Optical Payloads Mechanics Groups (OPMG), MESA division and clean room facilities of SAC. The team of OPMG provided detailed insights into various types of satellite payloads, including remote sensing (optical and microwave), communication, and navigation payloads. They explained the concept of CubeSats and showcased different subsystems used in the development of nanosatellites, such as the 3U CubeSat dispenser, solar panel deployment mechanism, RF Module, On Board Computer (OBC), Attitude Control and Determination System (ACDS), Electrical Power Systems, Communication Systems. They also

demonstrated various developed and tested subsystems including antennas, UHF trans-receiver, OBC, PFS, ACDC, mechanical structures, various mechanisms used for to release nano satellite. They discussed technical aspects and design methodologies to develop various subsystems of the nano satellite for various applications and payloads such as Earth observation, communication, scientific research, and technology demonstration.

The sessions are delivered by Mr. Neeraj Mathur, Group Director, OPMG and Mr. Naimesh Patel, Division Director, MESA. The demonstration carried by the team of the scientists of OPMG.



2:00 PM

GUJARAT TECHNOLOGICAL UNIVERSITY  
SCHOOL OF ENGINEERING AND TECHNOLOGY  
LIST OF STUDENTS FOR ISRO (NSTC) VISIT

Date: 30/06/2026

| Sr. No. | Full Name                     | Institute Name                                               | Aadhar Card Number | Signature          |
|---------|-------------------------------|--------------------------------------------------------------|--------------------|--------------------|
| 1       | Bhingaradiya Chand Manojkumar | Dr. S. & S. S. Ghandhy Government Engineering College, Surat | 296212509179       |                    |
| 2       | Raval Neel Nikhilbhai         | L. D. College of Engineering                                 | 848899292785       | <i>[Signature]</i> |
| 3       | Devansh Yajurvedi             | Vishwakarma Government engineering college (VGEC)            | 537101627606       | <i>[Signature]</i> |
| 4       | Krish Bhavsar                 | Government Engineering College, Gandhinagar                  | 561461483452       | <i>[Signature]</i> |
| 5       | Alvin Shanty                  | Vishwakarma Government engineering college (VGEC)            | 465763772367       | <i>[Signature]</i> |
| 6       | Namra Prajapati               | L. D. College of Engineering                                 | 587078469965       | <i>[Signature]</i> |
| 7       | Vansh Vaghela                 | Gec gandhinagar                                              | 210225418857       | <i>[Signature]</i> |
| 8       | Dhwanit Miteshkumar Prajapati | L.D College of Engineering                                   | 315703553403       | <i>[Signature]</i> |
| 9       | Hitarth Shah                  | Vishwakarma Government Engineering College                   | 623858670956       | <i>[Signature]</i> |
| 10      | Khushi Nirvesh Mehta          | Vishwakarma Government engineering college (VGEC)            | 483577645888       | <i>[Signature]</i> |
| 11      | Sarva Patel                   | GTU - School of Engineering and Technology                   | 5723 0866 9842     | <i>[Signature]</i> |
| 12      | Abhi Hemantkumar Raval        | L D College of Engineering                                   | 225086152746       | <i>[Signature]</i> |
| 13      | Piyush Yadav                  | Government Engineering College (GEC) Bharuch                 | 484248304015       |                    |
| 14      | Korat Dhruvi Jayeshbhai       | Government Engineering College, Rajkot                       | 4731 1651 6527     | <i>[Signature]</i> |

|    |                                  |                                            |                |                     |
|----|----------------------------------|--------------------------------------------|----------------|---------------------|
| 15 | Bhavsar Kavan Chiragkumar        | GTU - SET                                  | 278237267490   | <i>R</i>            |
| 16 | Ranoliya Kishan Mahendrabhai     | L. D. College of Engineering               | 570972024745   | <i>Kishan</i>       |
| 17 | Tanishk Kumar                    | Government Engineering College Valsad      | 213626542591   |                     |
| 18 | Pandya Rudri                     | V.V.P Engineering College                  | 5681 8253 9053 | <i>Pandya Rudri</i> |
| 19 | Devendra Singh                   | Government Engineering College valsad      | 371497248940   |                     |
| 20 | Patel Akshata Mandar             | GTU-SET                                    | 7789 5187 6490 | <i>AK</i>           |
| 21 | Ghyanmayeeba Jadeja              | L.D. College of Engineering                | 347822000756   | <i>Ghyan</i>        |
| 22 | Vaibhavee Bhatt                  | L. D. College of Engineering               | 8584 1501 3600 | <i>Vaibhavee</i>    |
| 23 | Panchal Zeel Sureshbhai          | GTU-SET                                    | 8840 3184 6335 | <i>Zeel</i>         |
| 24 | Pansuriya Vatsal Pragneshkumar   | GTU SET                                    | 567227416386   | <i>Vatsal</i>       |
| 25 | Patel Priyankbhai Parshottambhai | L.D. College of engineering and technology | 668540597624   | <i>Priyank P</i>    |
| 26 | Shrivastva Ladli Rajeshbhai      | L.D. College Of Engineering                | 403187587621   | <i>Ladli</i>        |
| 27 | Devendra Singh                   | Government Engineering College Valsad      | 371497248940   |                     |
| 28 | Mariya Taher Fakih               | GTU - SET                                  | 426743207059   | <i>Mariya</i>       |
| 29 | Nikunj Rakeshbhai Bhatt          | Vishwakarma Government Engineering College | 368695652265   | <i>NR Bhatt</i>     |

|    |                         |                                                      |                |               |
|----|-------------------------|------------------------------------------------------|----------------|---------------|
| 30 | Pandey Rishu Sanjeet    | L.D. college of engineering                          | 959332227403   |               |
| 31 | Vishakha Sandeep Pareek | Dr. S and SS Gandhi Government Engineering College   | 8501 4062 2488 | <i>W</i>      |
| 32 | Gupta Gautam Dayanand   | LD College Of Engineering                            | 351844075705   | <i>Gautam</i> |
| 33 | Pratik Parihar          | Sal institute of technology and engineering research | 598895299283   | <i>Pratik</i> |