

**G H Patel College of Engineering & Technology**  
(CVM University), Vallabh Vidyanagar

**Industrial Visit Report**

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**“Industrial Visit at “Bhaskaracharya National Institute for Space Applications and Geo-informatics (BISAG-N)”, Gandhinagar.**

- ➡ **Date & Time:** 3<sup>rd</sup> September, 2025                      08:30 AM to 04:30 PM
- ➡ **Institute:** G H Patel College of Engineering and Technology, Vallabh Vidyanagar.
- ➡ **Mode of Conduct & Venue:** Offline at Bhaskaracharya National Institute for Space Applications and Geo-informatics (BISAG-N)”, Gandhinagar
- ➡ **Faculty Members:** Mr. Vishal Prajapati and Ms. Vagmita Pandya

➡ **Event Details:**

G H Patel College of Engineering and Technology (GCET) in collaboration with the Department of Information Technology GCET organized a one-day industrial visit to Bhaskaracharya National Institute for Space Applications and Geo-informatics (BISAG-N), Gandhinagar on 3<sup>rd</sup> September, 2025. This visit was organized for students of 2<sup>nd</sup> year IT. A total of 63 students from the Information Technology with 2 faculty members had participated in this visit.

➡ **Objective:**

The objective of this visit was to make the students aware about the technologies used in the domain of Satellite communication and remote sensing applications, geo-informatics, and geospatial technologies.

➡ **Outcome/Benefit:**

Bhaskaracharya National Institute for Space Applications and Geo-informatics (BISAG-N) is an Autonomous Scientific Society registered under the Societies Registration Act, 1860 under the Meity, Government of India to undertake technology development & management, research & development, facilitate National & International cooperation, capacity building and support technology transfer & entrepreneurship development in area of geo-spatial technology. BISAG N has three main domain areas: Satellite Communication, Geo-informatics, and Geo-spatial technology.

The Institute works in close co-ordination with Government of India Ministries and State Government departments/agencies and has thus emerged as a national level agency to use satellite communication and Space & Geo-spatial technologies for the planning and development activities in various sectors of the Government. This visit provided a valuable platform to students to understand the concepts of Satellite Communication, Geo-informatics, and Geo-spatial technology.

Students were explained about Satellite communication and how images are broadcasted, interpretation of images and image processing techniques. Live model demonstration was also given to the students where the model showed the earth with the revolving satellites around the earth. How these satellites work, their revolution speed around the earth and their revolution axis were also explained. Indeed, it was a very fruitful visit for the students and they learned about satellite communication enthusiastically. We have gain the knowledge of satellite mapping of earth and how the satellite mapping categorized the different areas on earth like water area, hill station, open land are etc.

The visit proved to be highly beneficial, allowing students to connect classroom concepts with real-life applications. It also motivated them to consider future career and research opportunities in areas like space applications, geo-informatics, and advanced computing.

#### ➡ Photographs:







➔ **Attendance Sheet (Student & Faculty):**

| G H Patel College of Engineering & Technology |                                |                |        |          |        |            |               |                   |
|-----------------------------------------------|--------------------------------|----------------|--------|----------|--------|------------|---------------|-------------------|
| Information Technology                        |                                |                |        |          |        |            |               |                   |
| Bisag-N, Gandhinagar                          |                                |                |        |          |        |            |               |                   |
| Date: 03/09/2025                              |                                |                |        |          |        |            |               |                   |
| Branch: IT                                    |                                |                |        |          |        |            |               |                   |
| Semester: 3                                   |                                |                |        |          |        |            |               |                   |
| Time: 8:45 AM to 4:30 PM                      |                                |                |        |          |        |            |               |                   |
| Sr No                                         | Student Name                   | Enrollment No  | Branch | Semester | Gender | Mobile No  | Date of Birth | Sign              |
| 1                                             | Anishka parekh                 | 12402080501001 | IT     | 3        | Female | 6353169393 | 18-07-2006    | <i>Anishka</i>    |
| 2                                             | Arpit malaviya                 | 12402080501002 | IT     | 3        | Male   | 9316717642 | 05-11-2006    | <i>Arpit</i>      |
| 3                                             | Arshad Khoja                   | 12402080501003 | IT     | 3        | Male   | 8238497608 | 05-11-2006    | <i>Arshad</i>     |
| 4                                             | Patel bhavya vijaybhai         | 12402080501005 | IT     | 3        | Male   | 7383467771 | 21-12-2006    | <i>Bhavya</i>     |
| 5                                             | Deep Sangani                   | 12402080501006 | IT     | 3        | Male   | 9909491456 | 16-10-2005    | <i>Deep</i>       |
| 6                                             | LAD DEV PARITOSHKUMAR          | 12402080501007 | IT     | 3        | Male   | 7046299972 | 30-11-2006    | <i>D.P. Lad</i>   |
| 7                                             | BARIA DHARMENDRA D.            | 12402080501008 | IT     | 3        | Male   | 8799462715 | 24-11-2006    | <i>D.D. Baria</i> |
| 8                                             | Lad Diya Anilkumar             | 12402080501011 | IT     | 3        | Female | 8320677221 | 25-01-2007    | <i>Diya</i>       |
| 9                                             | Vaghasiya Drashti              | 12402080501012 | IT     | 3        | Female | 9265929948 | 24-01-2007    | <i>Drashti</i>    |
| 10                                            | Gokul Sapariya                 | 12402080501013 | IT     | 3        | Male   | 9512577021 | 07-07-2007    | <i>Gokul</i>      |
| 11                                            | Bharodiya Heer Hiteshbhai      | 12402080501014 | IT     | 3        | Male   | 9313804131 | 09-01-2007    | <i>Heer</i>       |
| 12                                            | Heet Rupapara                  | 12402080501015 | IT     | 3        | Male   | 8200806221 | 22-08-2006    | <i>Heet</i>       |
| 13                                            | Het sanjaybhai vanani          | 12402080501017 | IT     | 3        | Male   | 6355256518 | 19-09-2006    | <i>Het</i>        |
| 14                                            | Jaival Ganatra                 | 12402080501018 | IT     | 3        | Male   | 8140473337 | 12-07-2006    | <i>Jaival</i>     |
| 15                                            | Vavadiya Jeel Kalpeshbhai      | 12402080501020 | IT     | 3        | Male   | 7990066191 | 17-02-2007    | <i>Jeel</i>       |
| 16                                            | Jugal P Soni                   | 12402080501021 | IT     | 3        | Male   | 9586083562 | 05-09-2006    | <i>Jugal</i>      |
| 17                                            | Jograna Kartikkumar Sureshbhai | 12402080501022 | IT     | 3        | Male   | 9998130707 | 13-07-2007    | <i>Kartik</i>     |
| 18                                            | Patel krishna hirenabhai       | 12402080501023 | IT     | 3        | Male   | 7984705183 | 30-05-2006    | <i>Krishna</i>    |
| 19                                            | Kunj Patel                     | 12402080501024 | IT     | 3        | Male   | 9601710206 | 10-02-2006    | <i>Kunj</i>       |
| 20                                            | Mahek Lad                      | 12402080501025 | IT     | 3        | Male   | 7490072299 | 30-03-2007    | <i>Mahek</i>      |
| 21                                            | Malav Mehulkumar Desai         | 12402080501026 | IT     | 3        | Male   | 9429890338 | 25-08-2006    | <i>Malav</i>      |
| 22                                            | Patel Manan Indravadan         | 12402080501027 | IT     | 3        | Male   | 9274063967 | 11-04-2006    | <i>Manan</i>      |
| 23                                            | Patel manan vipinkumar         | 12402080501028 | IT     | 3        | Male   | 6359716979 | 01-07-2006    | <i>Manan</i>      |
| 24                                            | Desai Meet Prakashkumar        | 12402080501031 | IT     | 3        | Male   | 9106777131 | 05-02-2007    | <i>Meet</i>       |
| 25                                            | Megh Kantariya                 | 12402080501033 | IT     | 3        | Male   | 9974018321 | 28-07-2006    | <i>Megh</i>       |
| 26                                            | Shah Meshwa Ankittkumar        | 12402080501034 | IT     | 3        | Male   | 9313736372 | 11-12-2006    | <i>Meshwa</i>     |
| 27                                            | Meet Rajnikant Dobariya        | 12402080501035 | IT     | 3        | Male   | 6355564678 | 23-08-2006    | <i>Meet</i>       |
| 28                                            | Munira K. Sadabar              | 12402080501036 | IT     | 3        | Female | 7778821124 | 04-12-2005    | <i>Munira</i>     |
| 29                                            | Makwana Nandan Kantibhai       | 12402080501037 | IT     | 3        | Male   | 7096299682 | 16-01-2007    | <i>Nandan</i>     |
| 30                                            | Nirav Nagapara                 | 12402080501039 | IT     | 3        | Male   | 9023122967 | 01-06-2007    | <i>Nirav</i>      |
| 31                                            | Nishita Roopchand Chhabaria    | 12402080501040 | IT     | 3        | Female | 9664692572 | 28-09-2006    | <i>Nishita</i>    |
| 32                                            | Oliver Ashokbhai Parmar        | 12402080501041 | IT     | 3        | Male   | 9913613209 | 13-07-2006    | <i>Oliver</i>     |
| 33                                            | Om Gabani                      | 12402080501042 | IT     | 3        | Male   | 6353499960 | 24-01-2006    | <i>Om</i>         |
| 34                                            | Patel panth dashrathbhai       | 12402080501043 | IT     | 3        | Male   | 7861040485 | 23-09-2006    | <i>Panth</i>      |
| 35                                            | Parmar Parimal B.              | 12402080501045 | IT     | 3        | Male   | 8200203548 | 05-06-2006    | <i>Parimal</i>    |
| 36                                            | Prince Jayeshbhai desai        | 12402080501046 | IT     | 3        | Male   | 9825518793 | 17-08-2007    | <i>Prince</i>     |
| 37                                            | Vaghasiya Prince Maheshbhai    | 12402080501048 | IT     | 3        | Male   | 9825757154 | 05-02-2007    | <i>Prince</i>     |
| 38                                            | Zala Rajeshwariba H.           | 12402080501049 | IT     | 3        | Female | 8401470482 | 23-10-2006    | <i>Zala</i>       |
| 39                                            | Rakshit Bhimani                | 12402080501050 | IT     | 3        | Male   | 8849065272 | 28-08-2006    | <i>Rakshit</i>    |
| 40                                            | Gadhiya Rudra AkshayBhai       | 12402080501051 | IT     | 3        | Male   | 9909627962 | 07-07-2006    | <i>Rudra</i>      |
| 41                                            | Sharik Sandipkumar Christian   | 12402080501053 | IT     | 3        | Male   | 9327267289 | 31-07-2007    | <i>Sharik</i>     |
| 42                                            | Vahora Shifa Mahmadjuber       | 12402080501054 | IT     | 3        | Female | 9510976508 | 26-05-2006    | <i>Shifa</i>      |
| 43                                            | Bhatt Shrey Chiragkumar        | 12402080501056 | IT     | 3        | Male   | 9428542137 | 18-02-2007    | <i>Shrey</i>      |
| 44                                            | Patel Shreykumar Dalsukhbhai   | 12402080501057 | IT     | 3        | Male   | 6353541113 | 26-12-2006    | <i>Shrey</i>      |
| 45                                            | Smit Manishkumar Parmar        | 12402080501058 | IT     | 3        | Male   | 6351522504 | 14-07-2006    | <i>Smit</i>       |
| 46                                            | Tanvi Dhandhaliya              | 12402080501059 | IT     | 3        | Female | 9727637355 | 21-10-2006    | <i>Tanvi</i>      |

|    |                              |                |    |   |        |            |            |                      |
|----|------------------------------|----------------|----|---|--------|------------|------------|----------------------|
| 47 | Rangpariya Umang Dineshbhai  | 12402080501061 | IT | 3 | Male   | 8160654741 | 23-06-2006 | <i>J. Mung</i>       |
| 48 | Thakor Vikram Amarsinh       | 12402080501062 | IT | 3 | Male   | 8849446520 | 14-08-2007 | <i>V. Thakor</i>     |
| 49 | Dhanani Yash Manishbhai      | 12402080501065 | IT | 3 | Male   | 8780522147 | 01-09-2006 | <i>Y. Dhanani</i>    |
| 50 | Yug Hiteshbhai Dadhanai      | 12402080501066 | IT | 3 | Male   | 9512562112 | 22-02-2006 | <i>Y. Dadhanai</i>   |
| 51 | Anand Arora                  | 12402080501067 | IT | 3 | Male   | 6352575200 | 23-03-2006 |                      |
| 52 | Hetraj Parmar                | 12402080501070 | IT | 3 | Male   | 6355211789 | 05-01-2007 |                      |
| 53 | Himanshu Patel               | 12402080501071 | IT | 3 | Male   | 7990338903 | 15-01-2006 | <i>H. Patel</i>      |
| 54 | Sheth Jainam chiragkumar     | 12402080501072 | IT | 3 | Male   | 7990104474 | 15-02-2007 | <i>J. C. Sheth</i>   |
| 55 | Jeet Patel                   | 12402080501073 | IT | 3 | Male   | 9512137061 | 01-05-2005 | <i>J. P.</i>         |
| 56 | Sherathiya Khush Piyushbhai  | 12402080501074 | IT | 3 | Male   | 8734926798 | 25-02-2006 | <i>K. Sherathiya</i> |
| 57 | Patel Khushi Sunil Kumar     | 12402080501075 | IT | 3 | Male   | 9316585443 | 05-06-2007 | <i>S. Patel</i>      |
| 58 | Chokshi Priyanshi Zuhulkumar | 12402080501076 | IT | 3 | Female | 9998822631 | 23-09-2006 | <i>P. Chokshi</i>    |
| 59 | Radhiv Bhauteshkumar Kansara | 12402080501077 | IT | 3 | Male   | 6354184700 | 12-01-2007 | <i>R. Kansara</i>    |
| 60 | Rudra trivedi                | 12402080501078 | IT | 3 | Male   | 8780161329 | 06-10-2005 | <i>R. Trivedi</i>    |
| 61 | Stuti Patel                  | 12402080501079 | IT | 3 | Female | 9558394972 | 01-02-2006 | <i>S. Patel</i>      |
| 62 | Vishwa Shah                  | 12402080501080 | IT | 3 | Female | 6355520432 | 06-11-2006 | <i>V. Shah</i>       |
| 63 | Jyoti Patel                  | 12402080501082 | IT | 3 | Male   | 9313019443 | 15-09-2005 | <i>J. Patel</i>      |
| 1  | Mr. Vishal Prajapati         | Faculty        |    |   |        | 9428901912 | 31-01-1985 | <i>V. Prajapati</i>  |
| 2  | Ms. Vagmita Pandya           | Faculty        |    |   |        | 9909131238 | 01-09-1991 | <i>V. Pandya</i>     |
|    |                              |                |    |   |        |            |            |                      |
|    |                              |                |    |   |        |            |            |                      |

G4 Modi Diya K. 25ITD003 IT 3 Female 8799265151 28-12-2006 *Discom*