



# PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

DEPARTMENT OF CSE (DATA SCIENCE)

DATA ANALYTICS CLUB

31-08-2026

## A Report on the Data Analytics Club Activity

As part of the technical activities under the **Data Analytics Club** of the Department of CSE (Data Science), this event was conducted.

**Name of the Event:** Technical Seminar

**Name of the Topic:** My Journey Through ISRO START Program: From Understanding Space Science to Understanding How ISRO Turns Data into Knowledge

**Name of the Speaker:** M. Nikhila

**Date of the Event:** 31-08-2026

**Time of the Event:** 3:00 PM TO 4:00 PM

**Venue of the Event:** CF – 4(TECH BLOCK)

A total of 71 students attended this event. All the students have actively participated in the event.

### **BRIEF WRITE – UP OF THE EVENT:**

The Data Analytics Club organized an informative technical session on “My Journey Through ISRO START Programme: From Understanding Space Science to Understanding How ISRO Turns Data into Knowledge.” The session aimed to introduce students to the fundamentals of space science and provide insights into the learning experience gained through the ISRO START Programme. The speaker began by explaining the importance of space science and the role of ISRO in exploring and understanding space. The session highlighted how satellites and space missions generate large amounts of data and how this data can be processed, analyzed, and converted into meaningful knowledge. Students were introduced to the journey from understanding basic concepts of space science to understanding the practical applications of satellite data.

#### **1. Introduction to Space Science and ISRO**

- Space science involves the study and exploration of space, celestial objects, Earth, and the space environment.
- ISRO plays an important role in India's space exploration, satellite communication, Earth observation, and scientific research.
- The session introduced students to the importance of satellites and space-based technologies in solving real-world problems.

#### **2. ISRO START Programme**

- The ISRO START Programme provides students with an opportunity to learn about space science, space technology, and related applications.
- The programme helps students understand different areas of space science and encourages interest in space-related technologies and research.
- The speaker shared her learning journey and experiences from the programme with the students.

#### **3. From Space Data to Knowledge**

- Satellites collect large amounts of data about the Earth and its environment.
- This data is processed and analyzed to identify useful information and meaningful patterns.
- Data analytics and scientific techniques help convert raw satellite data into valuable knowledge.



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- The information obtained from satellite data can support decision-making in various real-world applications.

#### HIGHLIGHTS AND KEY TAKEAWAYS:

- Understanding the basic concepts of space science and the role of ISRO.
- Understanding how satellites collect and generate valuable data.
- Learning how raw space data can be processed and transformed into meaningful information.
- Understanding the role of data analytics in extracting useful insights from satellite data.
- Encouraging students to explore opportunities in space science, data science, and emerging technologies.

#### POST-EVENT FEEDBACK:

Participants found the session highly informative and interesting. Students appreciated the speaker's journey through the ISRO START Programme and the practical explanation of space science and satellite data. The session helped students understand the connection between space technology and data analytics and increased their awareness of the applications of space-generated data in real-world situations.

#### Questions Raised by Students:

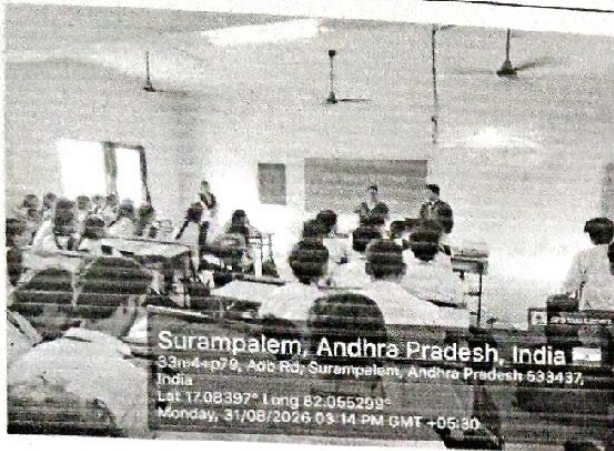
1. What is the ISRO START Programme and how can students participate in it?
2. How do satellites collect and transmit data to Earth?
3. How is satellite data processed and converted into useful information?
4. How can Data Science and Artificial Intelligence be used in space research?
5. What are the career opportunities available in ISRO and the space technology field?
6. How can students prepare themselves for opportunities related to space science and data analytics?

#### PHOTOGRAPHS FROM THE EVENT:





**PRAGATI ENGINEERING COLLEGE**  
(AUTONOMOUS)  
**DEPARTMENT OF CSE (DATA SCIENCE)**  
**DATA ANALYTICS CLUB**



Pragati Engineering College (AUTONOMOUS) NAAC A+ Made with AI PATHUB Pragati Advanced Technology Hub

★ Dept. of CSE (Data Science) ★

Organizes

**TECHNICAL SEMINAR**

**The Journey Through ISRO START Program**

From Understanding Space Science to Understanding How ISRO Turns Data In Knowledge

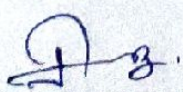
DATA SCIENCE

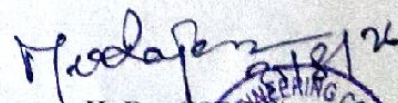
**DATA ANALYTICS CLUB**  
PRAGATI ENGINEERING COLLEGE

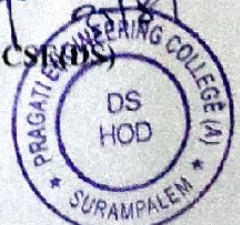
31-08-2026

2:00 PM – 3:30 PM

Venue: CF-7 (Tech Block)

  
FACULTY CO-ORDINATOR

  
HoD - CSE





Learning is Supreme Duty

# PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

(Approved by AICTE, Permanently Affiliated to JNTUK Kakinada & Accredited by NAAC)

1-378, ADB Road, Surampalem - 533 437, Near Peddapuram, E.G. Dist., A.P.

Ph: (08852) - 252233, 252234, 252235 Fax: (08852) - 252232

DEPARTMENT OF CSE (DATA SCIENCE)

## DATA ANALYTICS CLUB

Name of the Event: Technical Seminar

Title of the Event (Topic): The Journey through ISRO START Program- From Understanding Space Science to Understanding How ISRO Turns Data to Knowledge

Speaker (Resource Person) of the event: M. Nikhila (23A31A44DH)

Date of the Event: 31-08-2026 Time of the Event: 2:00 to 3:00 PM Venue of the Event: CF-7

List of Students Attended: 24

| S.No | Roll Number | Name                 | Branch | Year            | Signature of the student |
|------|-------------|----------------------|--------|-----------------|--------------------------|
| 1    | 25A35A44I3  | P. Sameera           | DS-C   | 3 <sup>rd</sup> | Sameera                  |
| 2    | 24A31A44E0  | G. Mohana Ramya      | DS-C   | 3 <sup>rd</sup> | G. Mohana Ramya          |
| 3    | 24A31A44G2  | S. Jhansi Lakshmi    | DS-C   | 3 <sup>rd</sup> | S. Jhansi Lakshmi        |
| 4    | 25A31A4498  | T. Bindu Madhura     | DS-B   | 2 <sup>nd</sup> | T. Bindu Madhura         |
| 5    | 25A31A4489  | N. Harshitha         | DS-B   | 2 <sup>nd</sup> | Harshitha                |
| 6    | 25A31A4471  | Ch. Ruchitha         | DS-B   | 2 <sup>nd</sup> | Ruchitha                 |
| 7    | 25A31A4467  | AVSD- Amritha Valli  | DS-B   | 2 <sup>nd</sup> | Amritha                  |
| 8    | 25A31A4476  | G. Darshini          | DS-B   | 2 <sup>nd</sup> | Darshini                 |
| 9    | 25A31A4486  | M. Sai Satya         | DS-B   | 2 <sup>nd</sup> | Satya                    |
| 10   | 24A31A44D2  | A. Kavya             | DS-C   | 3 <sup>rd</sup> | A. Kavya                 |
| 11   | 25A31A4474  | D. Usha Sri          | DS-B   | 2 <sup>nd</sup> | D. Usha Sri              |
| 12   | 25A31A4475  | G. Navya Sri         | DS-B   | 2 <sup>nd</sup> | G. Navya Sri             |
| 13   | 25A31A4477  | J. Divya Sri Aaraga  | DS-B   | 2 <sup>nd</sup> | J. Divya Sri             |
| 14   | 24A31A44F6  | P.M. Bhuvana         | DS-C   | 3 <sup>rd</sup> | P.M. Bhuvana             |
| 15   | 24A31A44D3  | A. Harshitha         | DS-C   | 3 <sup>rd</sup> | A. Harshitha             |
| 16   | 24A31A44E4  | K. Archana           | DS-C   | 3 <sup>rd</sup> | K. Archana               |
| 17   | 24A31A44E7  | K. Bhuvana           | DS-C   | 3 <sup>rd</sup> | K. Bhuvana               |
| 18   | 24A31A44G6  | Y. Neha              | DS-C   | 3 <sup>rd</sup> | Y. Neha                  |
| 19   | 25A31A44F4  | P. Siva Thanu Sri    | DS-C   | 2 <sup>nd</sup> | P. Siva Thanu Sri        |
| 20   | 25A31A44E4  | G. Sri               | DS-C   | 2 <sup>nd</sup> | G. Sri                   |
| 21   | 25A31A44E2  | G. Bhavya Sri Anjali | DS-C   | 2 <sup>nd</sup> | G. Bhavya Sri Anjali     |
| 22   | 24A31A44G5  | V. Sailaja           | DS-C   | 3 <sup>rd</sup> | V. Sailaja               |
| 23   | 24A31A44G4  | T. Bindu             | DS-C   | 3 <sup>rd</sup> | T. Bindu                 |
| 24   | 24A31A44F5  | P. Bharu Sree        | DS-C   | 3 <sup>rd</sup> | P. Bharu Sree            |

Mimi  
Name of the Student Coordinator

P3  
Signature of the Faculty Coordinator



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## DATA ANALYTICS CLUB

Name of the Event: Technical Seminar  
 Title of the Event (Topic): The Journey Through ISRO START program from understanding Space science to understand How ISRO Turns Data to knowledge  
 Speaker (Resource Person) of the event: M. Nithila (23A31A44D4)  
 Date of the Event: 31-08-2026 Time of the Event: 2:00 to 3:00 PM Venue of the Event: CF-7

List of Students Attended: 24

| S.No | Roll Number | Name                        | Branch | Year | Signature of the student |
|------|-------------|-----------------------------|--------|------|--------------------------|
| 1    | 24A31A4429  | K. Gracelina latha          | DS-A   | III  | K. Gracelina             |
| 2    | 24A31A4414  | K. Pravallika               | DS-A   | III  | K. Pravallika            |
| 3    | 24A31A4430  | V. S. A ambica              | DS-A   | III  | Ambica                   |
| 4    | 24A31A4413  | K. Sri Bharghavi            | DS-A   | III  | K. Bharghavi             |
| 5    | 24A31A4415  | K. Anman                    | DS-A   | III  | K. Anman                 |
| 6    | 24A31A4452  | P. Raja Saijaram            | DS-A   | III  | P. Saijaram              |
| 7    | 24A31A4438  | Ch. Sai Akhil               | DS-A   | III  | Ch. Sai Akhil            |
| 8    | 24A31A4449  | M. Janadh                   | DS-A   | III  | Janadh                   |
| 9    | 24A31A4446  | M. Vandhan Reddy            | DS-A   | III  | M. Vandhan Reddy         |
| 10   | 25A35A4404  | M. Neelesh                  | DS-A   | III  | M. Neelesh               |
| 11   | 25A31A4442  | K. Hanith V. V. N. S. Vayma | DS-A   | III  | K. Hanith                |
| 12   | 25A31A4419  | S. Uday Prakash             | DS-C   | II   | S. Uday Prakash          |
| 13   | 25A31A4434  | K. Jyana Swaroop            | DS-C   | II   | K. J. Swaroop            |
| 14   | 25A31A4430  | T. Yaswanth kumar           | DS-C   | II   | T. Yaswanth              |
| 15   | 25A31A44F1  | N. Neelani                  | DS-C   | II   | N. Neelani               |
| 16   | 25A31A44ED  | D. Tejaswini                | DS-C   | II   | D. Tejaswini             |
| 17   | 26A35A4418  | D. Ameesha                  | DS-C   | II   | D. Ameesha               |
| 18   | 26A35A4417  | Sk. Karishma                | DS-C   | II   | Sk. Karishma             |
| 19   | 25A31A4413  | Ch. Raja Arjun              | DS-C   | II   | Ch. Raja Arjun           |
| 20   | 25A31A44J1  | N. Nagendra                 | DS-C   | II   | N. Nagendra              |
| 21   | 25A31A4465  | D. Pavan Srinivas           | DS-C   | II   | D. Pavan                 |
| 22   | 25A31A44J8  | Y. Sudendra kumar           | DS-C   | II   | Y. Sudendra              |
| 23   | 25A31A44I7  | R. Hari                     | DS-C   | II   | R. Hari                  |
| 24   | 25A31A44J4  | V. Aravind                  | DS-C   | II   | V. Aravind               |

Name of the Student Coordinator

Signature of the Faculty Coordinator

