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INSTITUTE OF TECHNOLOGY



Educational Tour Report

Place Visited: Vikram A. Sarabhai Community Science Centre (VASCSC), Ahmedabad

Date: 8th October, 2025

Time: 10:00 AM to 1:00 PM

Total Students: 43

Organized by: MBIT

On 8th September, 2025, a group of 43 students from our college had the opportunity to visit the **Vikram A. Sarabhai Community Science Centre (VASCSC)** in Ahmedabad. The visit was organized to give us a deeper understanding of science and technology beyond our syllabus, through interactive and hands-on experiences. VASCSC, founded by Dr. Vikram A. Sarabhai—the father of India’s space program—is a place that promotes creativity, critical thinking, and curiosity among young minds.

What We Experienced

1. Warm Welcome and Introduction to VASCSC

We reached the centre by 10:30 AM and were warmly welcomed by the staff. They started with a short introduction about VASCSC, its purpose, and its legacy. We learned how the centre has been inspiring students for decades by making science fun, practical, and accessible to all age groups.



2. Astronomy Club – Observing the Sun

One of the most exciting parts of our visit was the session with the **Astronomy Club**. With the help of a specially equipped telescope, we got a chance to observe the **Sun in broad daylight**. It was a unique experience, as we could see sunspots and learn about solar activity, all while understanding the safety measures needed for solar observation. The instructor explained how studying the Sun helps scientists understand space weather and its effects on Earth.

3. Emerging Technology & Robotics

Next, we were taken to a section on **Emerging Technology and Robotics**. This was truly fascinating! We saw:

- A **sensing car** that could detect obstacles and move accordingly.



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- A life-like **robotic dog**, which didn't just look real but also behaved like a real dog—walking, sitting, and responding to movements.

Seeing such advanced robotic models up close made us realize how far technology has come and how it's already becoming a part of our daily lives.

4. Mathematics Lab & Puzzle Zone

Our final stop was the **Mathematics Lab and Puzzle Zone**. It was filled with interesting brain teasers, math models, and logical puzzles. This wasn't like our regular math class—it was fun, interactive, and made us think differently. It showed us that math isn't just about numbers, but about patterns, problem-solving, and creative thinking.

Dr. Shreekant Pathak
Educational Tour Co-ordinator

Dr. Darshana J. Prajapati
Maths Club Convener