

**A Visit to Science City
Department
of
Electronics & Communication
Engineering**

Date

(14-02-2024)

Place:

Robotic Gallery , Science City , Ahmedabad

Duration:

(2:00 PM to 5:30 PM)

BE Semester: III/V

No. of Students Participant : 23

Name of Faculty Members

- | | |
|------------------------------|-----------------------|
| 1. Mr. Mosam Pandya | +91-7227979983 |
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Introduction:

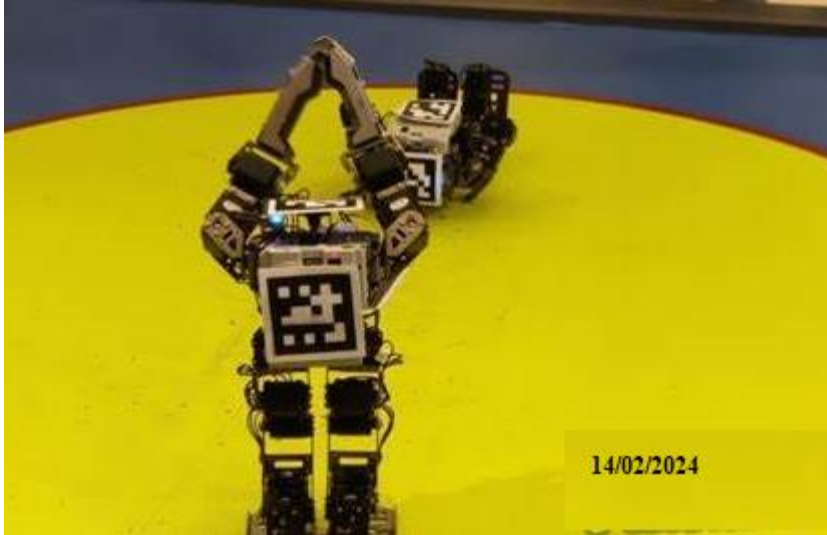
On the 14th of February 2024, a group of 23 students accompanied by 2 professors visited the Robotic Gallery at Science City. The visit aimed to enhance the students' understanding of robotics and its applications in various fields.

Activities:

The visit began with a guided tour of the gallery, where the students were introduced to the basics of robotics. They learned about the history of robotics, starting from early automata to modern-day robots. The tour included demonstrations of different types of robots, such as industrial robots used in manufacturing, humanoid robots, and drones.



The students were fascinated by the interactive exhibits that allowed them to control robots and understand their functions. They were particularly impressed by the robots' ability to perform complex tasks with precision and speed.



Learning Outcomes:

The visit provided the students with valuable insights into the field of robotics. They learned about the various components of a robot, including sensors, actuators, and controllers. They also gained an understanding of how robots are programmed to perform tasks autonomously.

The students were able to see firsthand how robots are used in industries such as manufacturing, healthcare, and agriculture. They also learned about the ethical considerations surrounding the use of robots, such as privacy and job displacement.

Conclusion:

Overall, the visit to the Robotic Gallery at Science City was both educational and inspiring for the students. It gave them a glimpse into the future of robotics and its potential to transform the way we live and work. The students expressed gratitude for the opportunity to visit the gallery and requested more such educational trips in the future.

Recommendations:

Based on the success of this visit, it is recommended that similar trips be organized in the future to expose students to emerging technologies and inspire them to pursue careers in science and technology.

We express our gratitude towards Mr. Amol, Mr. Mr. Darshan from Robotic Gallary, & Dr. Varjaesh Parikh , MD, Science City to provide an opportunity to have a wonderful experience