

# **SAMRAT ASHOK TECHNOLOGICAL INSTITUTE**

## **TECHNICAL CLUB 'FLUX'**

### **TECHNOVISION (SAMRAT UTSAV 2024)**

#### **CLUB EVENT REPORT**

Our Club hosted an exciting and most awaited event on Friday, March 22nd. Technical Club 'Flux' organized an amazing event called the Technovision (SAMRAT UTSAV 2024), led by our esteemed Club Coordinators, Dr. Ashutosh Datar Sir and Dr. DK Shakya Sir & Co-Coordinators, Prof. Neeraj Singh Sir and Prof. Neel Joshi Sir.

Technovision, a two-phase event focusing on software and hardware innovation, was a resounding success. The event saw enthusiastic participation from students, promoting a vibrant atmosphere of creativity, friendly competition, and the joy of technology.

Technovision presented **CODEMANTRA & ROBOSOCCER - 'The Battle of Bots'**. This exciting event combines the beautiful game of soccer with the cutting-edge world of robotics and the coding showdown where logic meets innovation.



**Venue:** VVNCC Lab

**Date:** 04/04/24

### **CODEMANTRA (Software Event):**

Our Club held a software development competition, CodeMantra. This event witnessed electrifying coding battles, highlighting the passion and skills of participating teams.

There were 3 rounds:

#### **Round 1: Individual Skills Assessment**

In the first round of the competition, participants took an online quiz to test their programming, logic, and problem-solving skills. The difficulty was adjusted based on their experience level.

#### **Round 2: Team Challenge**

In this round, participants were grouped into balanced teams from different years. They tackled coding challenges collaboratively, emphasizing teamwork and problem-solving skills. Each team showcased their coding abilities and teamwork to solve challenges effectively.

#### **Round 3: Presenting Solution**

In the final round, teams solved a software problem together, presenting their solutions and explaining their approach, design choices, and functionality.

Judges assessed problem-solving, technical implementation, and presentation quality.

Team "**Code Bits**" with Vedanshi Dubey, Keshav Kushwaha, and Shruti Jha clinched victory, demonstrating exceptional skills and teamwork. Kudos to runner-up "Team Optimus" for their outstanding performance.

### **FACULTY COORDINATORS:**

Prof. R.R. Ahirwar

Prof. Shaila Chugh

Prof. Sumeet Dhillon

Prof. Deepak Sen

**Venue:** IT Garden

**Date:** 04/04/24

### **ROBOSOCCER (Hardware Event):**

The RoboSoccer event wasn't just about robots battling it out on the field; it was a thrilling display of robotics innovation. This exciting competition combined the beautiful game of football with the precision of robotics.

Participating teams had to design and build their own manually controlled Robo-soccer bots from scratch. These bots had a critical mission: to strategically push or drag the ball past the opponent's defenses and into the goal.

The competition showcased the exceptional technical prowess of the participating teams. From robust robot designs to finely tuned controls, the level of innovation was truly inspiring.

Team "**Roboblitz 2.0**" with Smriti Jain, Shruti Zunjarke, Prerna Pippal, and Sneha Gawande emerged as well-deserved champions, their exceptional engineering skills and strategic gameplay securing them the top spot. Kudos to runner-up "Team Hulk" for their outstanding performance. However, a round of applause goes to all participating teams for their remarkable efforts. Their dedication, creativity, and sportsmanship made RoboSoccer a truly memorable event.

### **FACULTY COORDINATORS:**

Dr. Vipin Patait  
Prof. Suchi Mishra  
Prof. Bharti Mehra  
Prof. Usha K. Tingga

### **JUDGES:**

Dr. Monika Jain  
Prof. Mukesh Azad

**Technical Club 'Flux'** is delighted with the turnout and level of competition at both events. Technovision successfully fostered a spirit of innovation and collaboration amongst students, as their dedication, creativity, and sportsmanship made it a truly memorable event.

### **CLUB MEMBERS:**

Mr. Abhishek Tyagi (Convenor)

Mr. Abhijeet Singh (Co-Convenor)

