

ROBOTIKA – THE ROBOTICS SOCIETY

Robotika –The Robotics Club, Abhimanyu Bot was established under initiative of e-Yantra, IIT Bombay, a project sponsored by MHRD. Robotics Club is the student society of Shaheed Rajguru College of Applied Sciences for Women University of Delhi. The aim of this society to make students aware of Robot Technology and use their programming skills to program robots and build new robots that serve various practical purposes including domestic, commercial and military.

The Council Member for Year 2023-2024 are :-

President - Divya Singh (Computer Science)
Co-president - Karishma (Computer Science)
Secretary - Riya Saini (Computer Science)
Treasurer - Ayushmita Singh (Electronics)
Public Relation Head - Sonali Jha (Computer Science)
Social Media Head - Manshi Rohilla (Statistics)

The Robotics Club of Shaheed Rajguru College of Applied Sciences for Women (SRCASW), University of Delhi Successfully organized its Annual Technical Fest - **Expo'23**. The technical fest was conducted on November 8, 2023. There were **three** exciting competitions: Rob Probe – The Quiz Competition, Maze Master – The Line Follower Robot Competition, and Robo Fusion - The Project Showcase Competition. Here is a brief description of all the competitions.

Competitions:

Rob Probe Quiz Competition: The Rob Probe Quiz was a fun and knowledge-based quiz challenge all about robotics. It was divided into different areas of robotics, like Robotic Process Automation, IoT, Sensors, Nanotechnology, Ethical Hacking, AI, and VR.

The winners were:

- Sanjeev from DTU, -1st Position
- Lovely Rajput from SRCASW – 2nd Position
- Sagar from Sri Venkateshwara, DU – 3rd Position

Maze Master - Line Follower Competition: It was a thrilling robot race competition, full of excitement. It tested participants precision and strategy.

The winner was:

- Team LINE DISRUPTORS from CIC, DU
[Nitish Singla, Siddharth, Mohit, Adarsh Singh]

Robo Fusion - Project Showcase Competition: It was the project showcase competition that allowed participants to express their creativity and show off their technical skills through their creative projects.

The winners were:

- Rishabh Katiyar from Maharaja Agrasen College, DU - 1st Position
- Geetesh and Khushi from Shaheed Rajguru College of Applied Sciences for Women, DU - 2nd Position

In addition to organizing the annual fest, Robotika also conducted sessions on Arduino basics, led by Dr. Monika Tyagi, the convenor of the club. It provided a valuable opportunity for club members to learn about Arduino, a popular platform for electronic projects.

Furthermore, project like, The line follower Robot was also built by 3 students from Computer Science Department- Karishma, Divya Singh and Riya under the guidance of Dr. Monika Tyagi.





