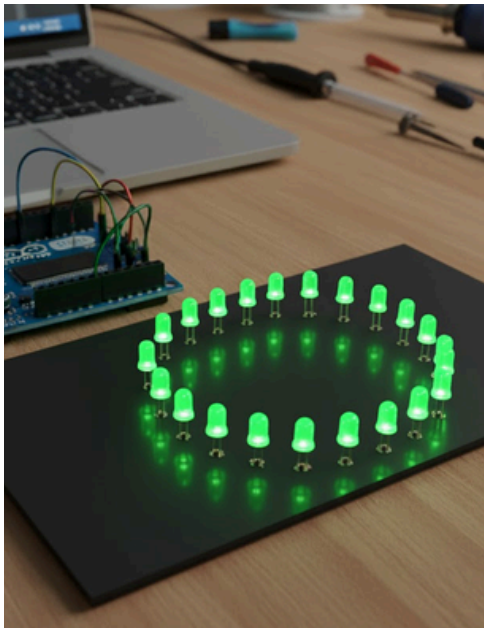


Club project spotlights : To understand the basic working of electronic circuits and control LED patterns using Arduino programming — laying the foundation for future robotics and automation projects.



Student Voices : Students shared that the project was exciting and helped them understand how circuits actually work. They enjoyed seeing the LEDs light up in sequence and felt proud of building something on their own. Many said it boosted their confidence in using Arduino and made them eager to try more robotics projects in the future.

Project Report and Skill Development

LED Chaser (Circular Light Pattern)

Hardeep Singh - 10/11/2025



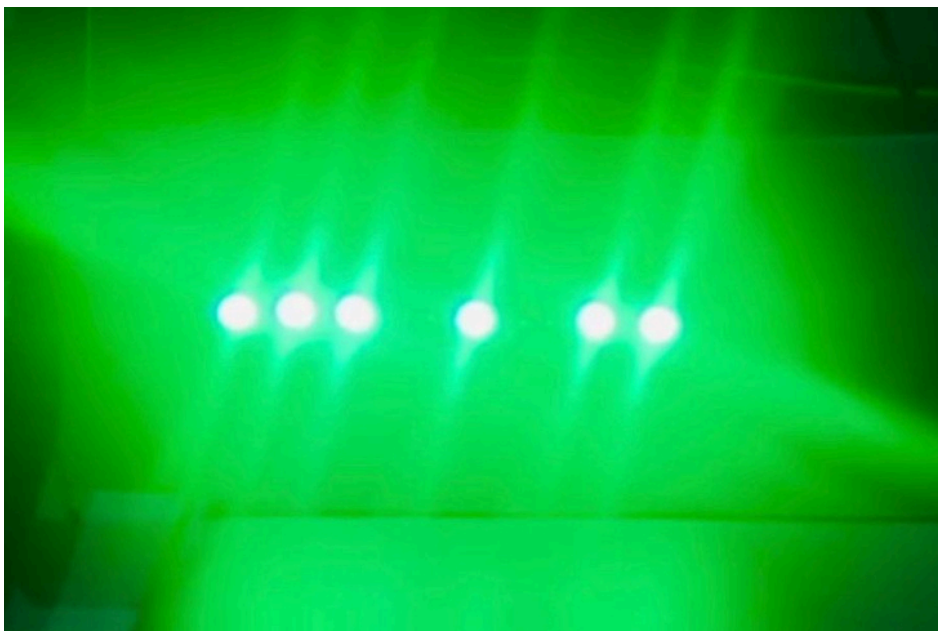
Project Goals: To understand the basic working of electronic circuits and control LED patterns using Arduino programming — laying the foundation for future robotics and automation projects.

Process/ Steps: Students built a circular LED chaser using Arduino, connecting and programming LEDs to light in sequence for a smooth chasing effect.

Skills Learned : Students learned about circuit connections, current flow, Arduino programming, safe soldering, and teamwork during testing.

Challenges and solutions :

Facing difficulties in neat soldering, identifying faulty connections, and ensuring proper circuit flow.



Meet the Team :



CLASS

7

CLASS

7



CLASS

7



CLASS

7



CLASS

9



CLASS

9



Club Name:
TECHNOVERSE

Motto
Innovate & Illuminate

Manager
HARDEEP SINGH