

# SD Competitions

The Circuit Design Competition was organized to enhance participants' knowledge, creativity, and practical skills in electronics and problem-solving. The event was conducted in **two phases**, each designed to evaluate different competencies of the participants.

## Phase 1: Theoretical Round (Technical & Reasoning Quiz)

The first phase consisted of a written quiz that tested participants on:

- Core concepts of electronics and circuit theory
- Fundamental principles of electrical and electronic components
- Logical reasoning and analytical ability

This round aimed to assess the participants' theoretical understanding and problem-solving skills.

## Phase 2: Circuit Design Round

Participants who qualified the first round advanced to the second phase, which was hands-on. In this stage:

- Participants were required to design and implement electronic circuits
- They demonstrated practical knowledge of components, connections, and circuit functionality
- Evaluation was based on accuracy, innovation, efficiency, and working condition of the circuit

## Conclusion

The competition provided a platform for students to integrate theoretical knowledge with practical application. It encouraged teamwork, innovation, and critical thinking, making it a valuable learning experience for all participants.

### Winner

1. Akash Gupta
2. Mohammad Shahil
3. Yash Kumar Singh
4. Sujeet Kumar Singh

### Runner-up

1. Uttkarshini Srivastava
2. Vaishnavi
3. Sakshi Singh
4. Anchal Prajapati

**Date:** 03 March 2026 & **Venue :** Room No. 409 Block - 2 & Incubation Cell of BIT

