

Shivatech 2025

Department of Electronics & Communication Engineering

1. **LEGO Competition:** Making lego(Robot)that will detect the obstacles, using ultrasonic and microphone sensors, where ultrasonic sensor will detect the obstacles by waves reflection and microphone will listen the sound of clapping.

Students Coordinator:

1. Manvi Panwar (B.Tech ECE 2nd year) - 7060391196
2. Abhay Pratap Singh (B.Tech ECE 2nd year) – 9569757748

2. **CircuitSim Expo:** Bridge theory and practice through simulation-driven circuit design and integration.

Student Coordinator:

1. Aradhya Gupta (BTech ECE 3rd year) - 7643932788
2. Preeti Kumari (BTech ECE 2nd year) – 9341232059

3. **Virtual to Practical Electronics:** Virtual to Practical Electronics challenges students to design circuits on simulation software, testing creativity and technical skills. They will then bring their designs to life through hardware implementation, showcasing accuracy and practical expertise. Performance in both stages will decide the winners, with prizes for innovation, precision, and real-world application.

Student Coordinator:

1. Nishant Sharma (Contact: 8210766656), B.Tech. ECE 2nd year
2. Richa Kumari (Contact:9113734368), B.Tech. ECE 2nd year.

4. **Solder wars:** Solder Wars is an exciting hands-on competition where participants battle against time and precision using their soldering skills. Each contestant must assemble and solder a given circuit neatly and correctly within the time limit.

Student Coordinator:

1. Nishant Sharma, Contact:8210766656), B.Tech. ECE 2nd year
2. Richa Kumari , Contact:9113734368), B.Tech. ECE 2nd year

1. **Faculty Coordinator:** Mr. Yashendra Sharma, Mob: 9317227139, Email Id: yashendra.sharma@shivalikcollege.edu.in

Registration Link: <https://forms.gle/ASCT9UzPQj5zZhYj7>