



KONGU ENGINEERING COLLEGE

TRANSFORM YOURSELF



ELECTRICAL ODYSSEY – Electrical Innovation Challenge

Electrical Odyssey is a technical innovation event designed to bring together students to explore, analyze, and solve practical electrical and electronics engineering challenges. This event provides a platform for participants to showcase their technical knowledge, circuit design skills, and practical implementation abilities before an expert jury panel.

The competition will be conducted as a hands-on technical event focusing on circuit design and project implementation.

Event Structure

Round 1 – Circuit Design Challenge

Participants will be provided with electrical and electronic problem statements.

Teams must design the required circuits within the given time.

Evaluation will be based on circuit correctness, design approach, and understanding of concepts.

Duration: 45 minutes

Teams will be shortlisted for the next round based on their performance.

Round 2 – Mini Hackathon

Shortlisted teams will participate in a mini hackathon.

Teams are expected to design and demonstrate a simple working project within the given time.

Evaluation will be based on implementation, clarity of explanation, and overall performance.

Duration: 4 hours

Date: February 20, 2026

Time: 1:30 PM – 6:30 PM



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TEAM DETAILS

Team Size: Maximum of 3 members per team

Registration Fee: ₹100 per head

PRIZE POOL

Total Prize Pool: ₹10,000

The prize distribution will be decided by the jury based on overall performance and quality of the solutions presented.

FACULTY COORDINATORS

R. Rajkumar – EIE Department

P. Karthikeyan – EEE Department