ElectroFix – Circuit Debugging

Description

ElectroFix is an exciting challenge that tests participants' circuit debugging skills. Teams will analyze, identify, and resolve circuit errors while strategically managing resources. Quick thinking and technical knowledge are key to winning this event!

Event Rules

- Teams consist of **2-3 members** (no substitutions allowed).

- Participants must manage their **virtual money** wisely during component auctions.

- No exchanging or borrowing of components between teams.

- Any rule violations result in **disqualification**.

- Judges' decisions are **final**.

Prizes

- Top 3 teams will be rewarded with exciting **cash prizes**.

Round 1: Circuit Challenge (30 min)

- **Teams receive a circuit diagram** and bid for components in an auction.

- **Auction System** – Equal budget; highest bidder wins each component.

- **Crossword Bonus** – Solve a crossword to earn extra funds if out of money.

Round 2: Debugathon (15 min)

- Teams **find and fix bugs** in a given circuit using a **split circuit diagram** placed in two locations.

- Clues will guide them to the missing part of the circuit. Teams must solve these clues strategically, requiring logical thinking and problem-solving skills..

- Winners are decided based on how **quickly** they retrieve the diagram and **debug** the circuit.

"Are you wired for success or about to trip the breaker? Let's see!"