



Registration Link :

<https://forms.gle/cmg5MGqqQfxPUW2c6>

TECHNICAL EVENT: ELECTRO-CRAFT 2026

Coordinator: Ms. Parneet Kaur and Ms. Kalpana

Objective

To enhance students practical skills, technical knowledge, safety awareness, and workmanship in domestic electrical wiring within a limited time.

DOMESTIC HOUSE WIRING COMPETITION

Team Type: Individual / Team of Two

Time Allowed: 60–90 Minutes

Task:

Participants will be given a domestic wiring diagram on the spot and must complete the wiring as per the given instructions.

Typical Tasks May Include:

- One lamp controlled by one switch
- Two lamps controlled independently
- Fan with regulator
- 5A / 15A socket outlet wiring
- Staircase wiring
- MCB-based domestic circuit

Rules:

1. Each team will be represented by one or two participants.
2. The event will be conducted on the spot and participants must complete wiring as per the diagram provided by the judges.
3. Any incorrect connection, unsafe practice, or copying will lead to penalty or disqualification.
4. Maximum 60–90 minutes will be given. No extra time will be allotted.

5. Standard color coding must be followed:
 - Phase – Red/Brown
 - Neutral – Blue/Black
 - Earth – Green
6. Proper wire dressing, termination, and fastening are compulsory.
7. Power supply must remain OFF during wiring. Supply will be given only after judge approval.
8. Participants must demonstrate working and explain the circuit after completion.

Materials Provided:

- Switches, sockets, lamp holders, ceiling rose
- MCB and Distribution Board
- PVC wires (Phase, Neutral, Earth)
- Conduit / Casing-capping board
- Basic insulated tools

