# ZONE 3- NEXATHON

## INSTRUCTIONS

- **Team Formation: 5 members per team.**
- **Rounds: 2 Rounds — Soldering Rush & Hackathon.**
- **Round 1 – Soldering Rush**
- **Receive PCB, schematic, and components.**
- **Assemble a functional circuit as quickly**
- **Top 5 teams advance to Round 2.**
- **Round 2 – Hackathon**
- **Design an innovative robotics system**
- **Prepare and present design logic, innovation, feasibility.**

## PRELIMS

- ASSEMBLE SCHEMATIC-BASED CIRCUIT ON PCB. TOP 5 FASTEST ERROR-FREE TEAMS QUALIFY.

## FINALS

- SOLVE PROBLEM STATEMENT.,DESIGN SYSTEM.,PRESENT WITHIN VIRTUAL BUDGET.

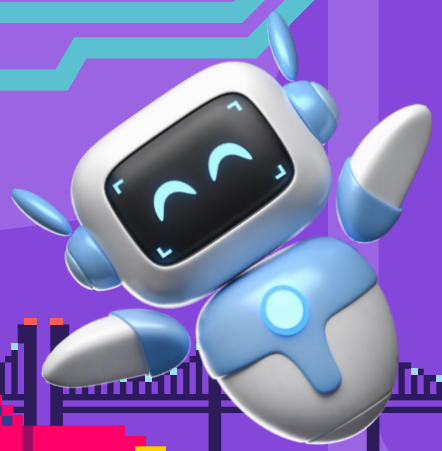
## GAME PLAY

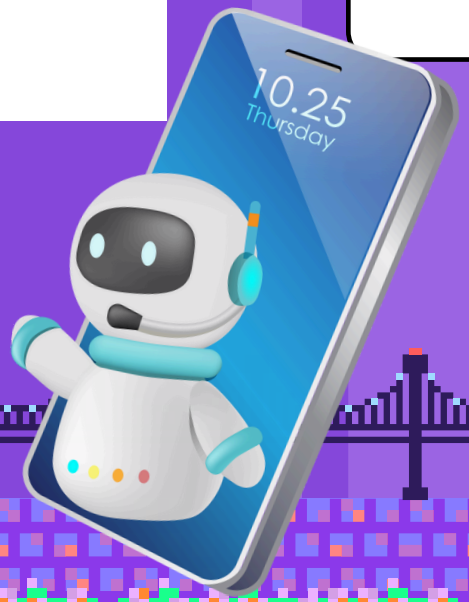
FORM 5-MEMBER TEAM.

ROUND 1: ASSEMBLE PCB CIRCUIT.

ROUND 2: DESIGN ROBOTICS SYSTEM

PRESENT TO JUDGES.






# ZONE 3- NEXATHON

## RULES AND REGULATION

- Teams start only on the referee's signal.
- Touching or incorrectly assembling the PCB earns –10 points.
- Skipping or failing a task earns no points.
- Components must stay within the work area; exceeding limits incurs penalties.
- Team can customize presentation or project design.
- Must follow virtual budget and component limits.
- Design must be clear, logical, and executable.

**Scoring System**

Round 1

Circuit Correctness: +10

Soldering Neatness: +10

Functionality: +10

Round 2

Technical Feasibility: 40

Innovation & Creativity: 20

Problem-Solving: 20

Presentation : 20