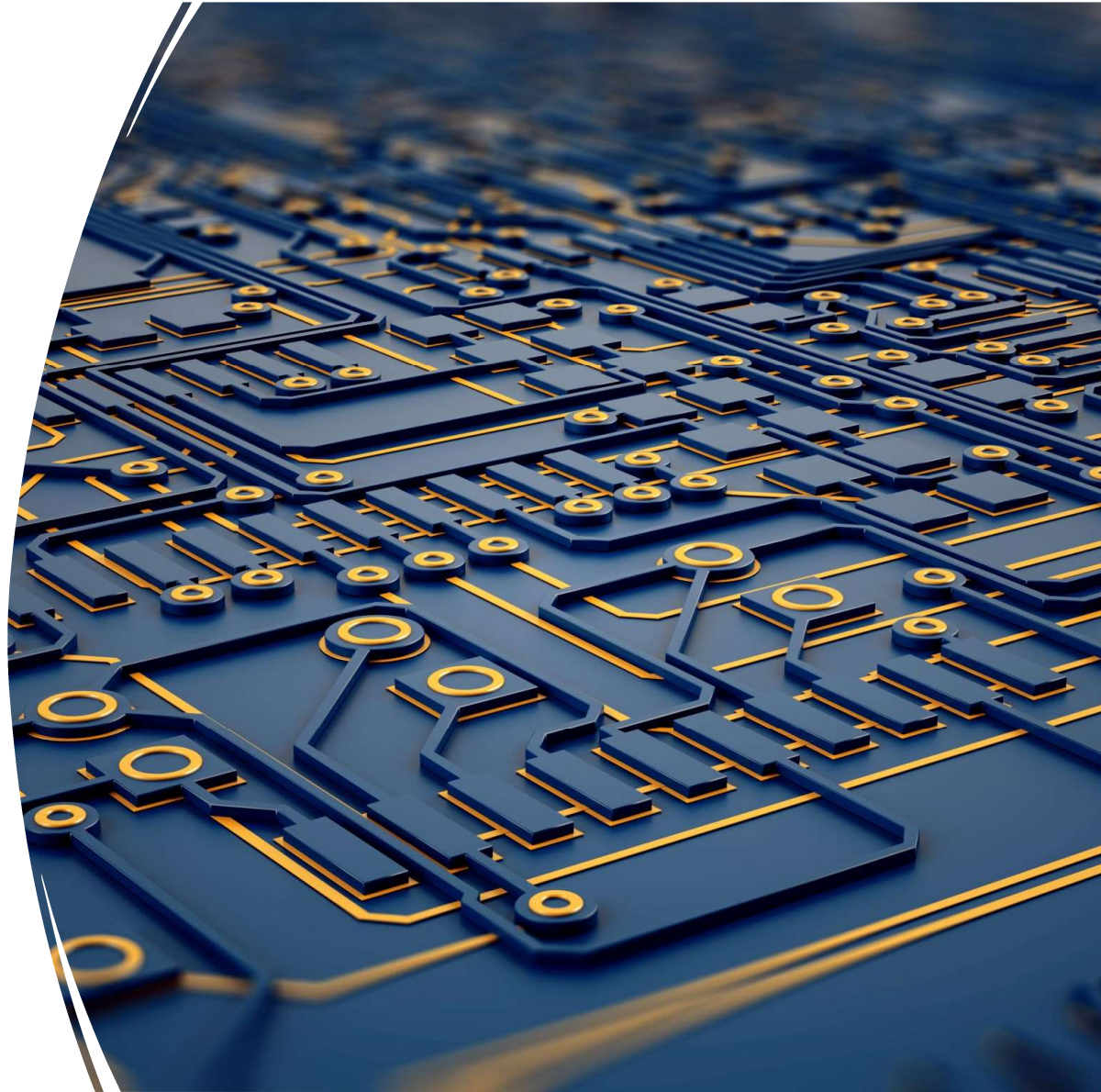


ShortCircuit

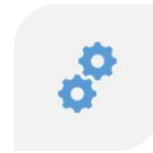
Hardware Design Challenge
2021



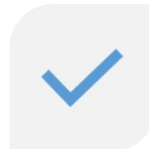
What is the event?



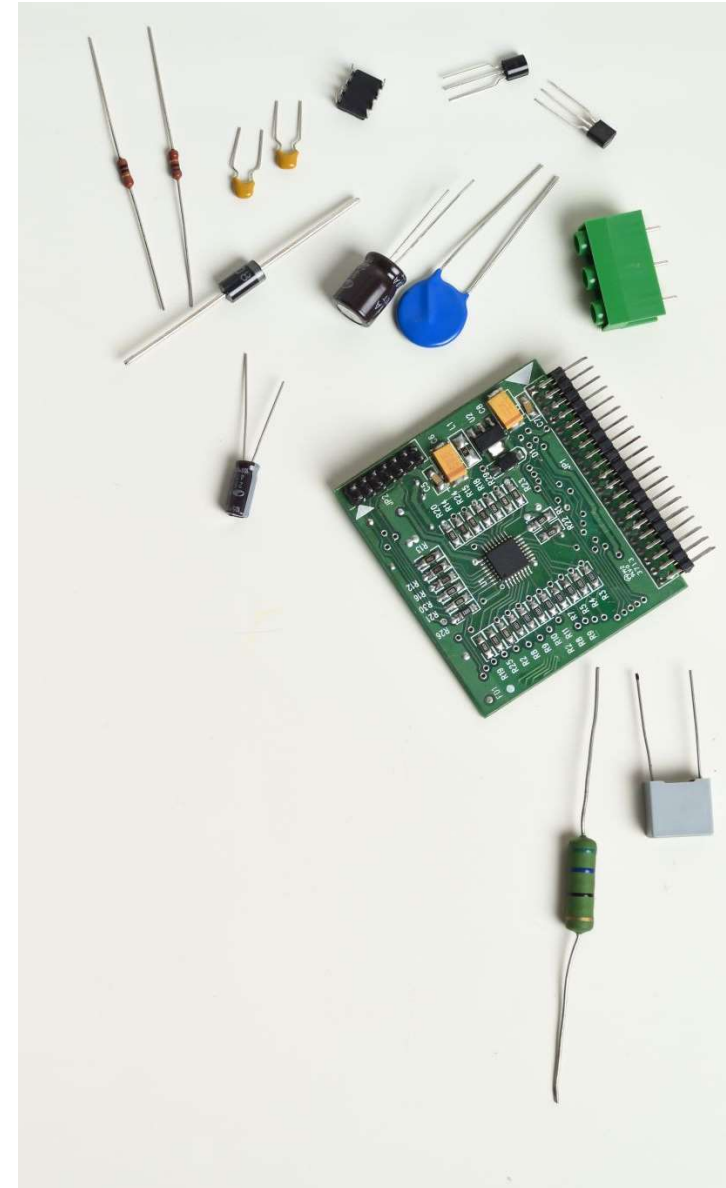
CIRCUIT DESIGN &
SIMULATION



COMPONENT
PURCHASING &
RESELLING



THE COMPLETE CIRCUIT
BUILDING EXPERIENCE



Event Flow:

➤ Day 1:

- Problem Statement Selection
- First discussion with mentors
- Preliminary design of the circuit (block level)
- Mentor Approvals
- Complete Design of the Circuit and Simulation
- Trouble Shooting with Mentors
- End of Day 1

➤ Day 2:

- Component Auction Begins
- Market Place opens up
- Mentor help (if required)
- Final submission of Circuit and BOM
- Judging
- Announcement of Winners

Registration Cost

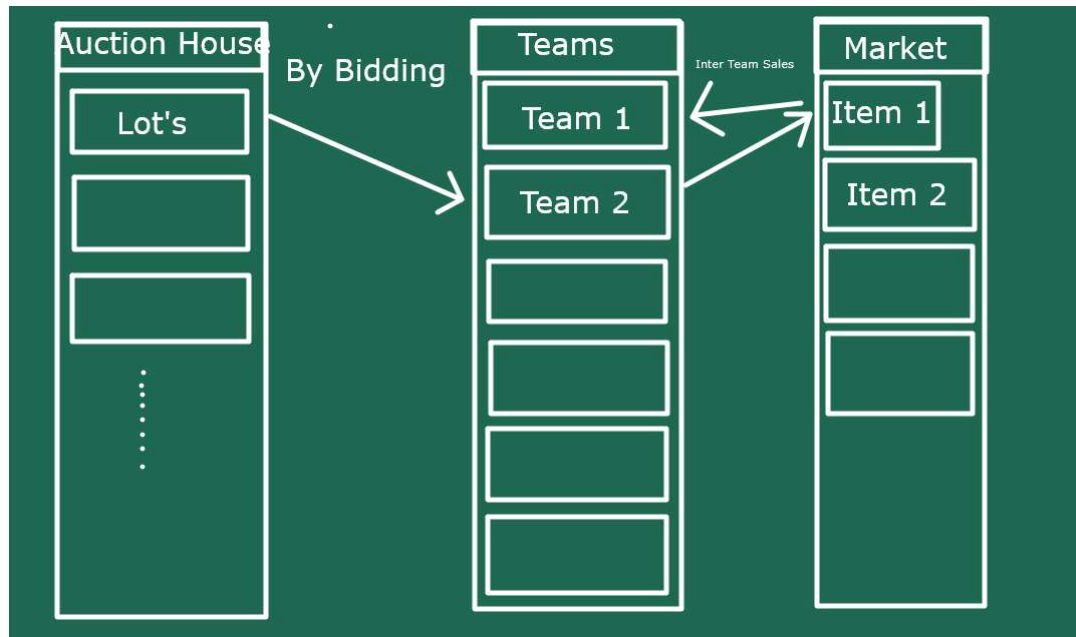
Prerequisites

- Basic Electronics Knowledge.
- Download and Install LTSpice Software
(Operating Knowledge not required help will be provided)

Registration cost per team: Rs. 180

- Team of maximum 3 members can enter.
- Individual Entry: Rs. 70
- Team of 2 will be counted as a full team.
- Team must be formed of students in the same year (of their education).

The Technicalities,



- One MarketPlace website, running on Firebase as a backend.
- Bidding

Public Relations & Marketing

Social Media Handles

Templates, Flyers

Official Oculus Page/ Website

Individual PR

Sponsorship and Mentorship Request to
Coaching Centers



Prizes

➤ First Place: Rs. 2500

➤ Second Place: Rs. 1000

➤ Third Place: Rs. 500

(These are just estimates based on the ideal values)

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Organizing Team

- Pujan Soni – Executive Head
- Dhananjay Joshi – Head of Operations
- Sanskar Badjatia – Head of Events
- Vivek Thakkar – Creative Head
- Arohi Shinde – PR Head
- Aditya Umalkar – Marketing Head
- Siddhant Kamlaskar – Finance Head
- Aniket Nadkarni – Technical Head