

INNOVATEX 4.0 – Presidency University

MakerSpace Cluster | Standard Rule Book Format

Event Overview

Field	Details
Event Name	MEMORY TRAY CHALLENGE
Cluster	MakerSpace
Event Type	Technical Memory Challenge
Mode	Offline
Team Size	Individual
Duration	1 Day

Event Task / Objective

To test participants' visual retention, technical awareness, and mental agility. Participants must observe a collection of technical hardware and accurately recall names and specifications under strict time constraints.

The event promotes:

- Photographic memory
- Technical component recognition
- Precision under pressure
- Focused observation

Design / GAME FORMAT

Round 1: The Observation Tray

How it Works: A physical tray containing 25+ technical objects (ICs, sensors, tools, microcontrollers) is revealed.

Observation Time: 60 Seconds.

Recall Time: 2 Minutes to list all items on paper.

Outcome: Top performers with the most accurate names qualify.

Round 2: Technical Specs Recall

How it Works: A new set of items is shown, but participants must recall specific attributes (e.g., "The color of the 10k resistor" or "The pin count of the displayed IC").

Time Limit: 45 Seconds observation; 2 Minutes recall.

Outcome: If incorrect → Point deduction.

Round 3: Sudden Death (Visual Flash)

How it Works: Technical images are flashed on a screen for 3 seconds each.

Task: Participants must instantly identify the component or find the "missing piece" in a displayed circuit.

Outcome: Fastest and most accurate wins.

General Guidelines

1. No note-taking is allowed during the observation period.
2. Participants must remain silent until the recall period begins.
3. Teams must report 15 minutes before the event.
4. Judges' decisions are final.
5. No touching the components on the tray.
6. No electronic devices (phones/smartwatches) allowed in the room.

Event Phase / Structure

Phase	Description	Duration
Phase 1	Registration & Briefing	30 min
Phase 2	Round 1 (The Tray)	20 min
Phase 3	Round 2 (Attributes)	20 min
Phase 4	Final Round & Results	20 min

Judging Criteria

Criteria	Weightage
Identification Accuracy	40%
Completeness of List	25%
Recall Speed	20%
Technical Terminology	15%

Scoring Overview

Parameter	Max Points
Round 1 Performance	30
Round 2 Performance	35
Round 3 Performance	25
Discipline	10
Total	100

Penalties & Disqualifications

Violation	Penalty
Use of cameras/phones	Immediate Disqualification

Talking during observation

-10 Points

Copying from others

Immediate Disqualification

Misconduct

Permanent Ban

Awards & Recognition

Category	Prize	Remarks
1st Prize	₹1,000	Winner

Event Team

Role	Name	Department / Club	Contact
Faculty Coordinator	Dr. Divyarani MS	ECE	—
Event Lead	Manu Manu	CSE	9037396484

General Instructions

- Follow all university rules.
 - Respect judges and volunteers.
 - Maintain discipline throughout the event.
 - Judges' decisions are final and binding.
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