

Sensor Hackathon Proposal Template

Submission Window: 28–30 June 2025

Team Size: 1 to 3 members

1. Team Details

Team Name:

Institution / Organization:

Team Members:

- Name, Email, Role (Lead / Developer / Tester)

Contact Number (Primary):

2. Project Title

Provide a concise and meaningful title for your solution.

3. Target Application Area

Specify the focus (e.g., Remote Patient Monitoring – Hydration).

4. Overview of Proposed Solution

Describe your concept in 150–200 words including the problem, scenario, and monitoring goal.

5. Sensors and Compute Board

Complete the cost table below:

Component Type	Part Name/Number	Estimated Cost (INR)	Purpose
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6. Circuit Connection & Pinout Table

Attach schematic/Wiring diagram.

Sensor/Module	Microcontroller Pin	Function
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7. Testing Plan (TRL-8 Readiness)

Describe planned accuracy, drift, and field tests (5–7 bullet points).

8. Indian Sensor Substitution Plan

Explain adaptability for future Indian-made sensors.

9. Expected Output

Describe visualisations, logs, or alerts.

10. Declaration

We understand and agree to comply with cost constraints, TRL-8 goals, and sharing policies.

Signatures: