



**TECH4SDG**

# RULES

## *TECH4SDG – "Classroom to Community"*

*As the flagship App Development Challenge of IEM Kolkata, TECH4SDG invites student innovators to bridge the gap between technology and sustainable development. We are seeking digital solutions, mobile or web-based that tackle the specific socio-economic and environmental challenges of West Bengal.*

### **PROBLEM STATEMENT & FOCUS**

**West Bengal faces critical hurdles in health, education, water sanitation, employment, and climate resilience. Currently, development efforts suffer from fragmented data and poor lastmile digital access.**

**Your Mission: Build a unified, low-cost, and user-friendly platform that supports local governance and enables measurable, SDG-aligned outcomes.**

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## ELIGIBILITY & TEAM STRUCTURE

- **National Reach:** Open to students from all Institutes in India from UG Engineering and Architectural Background.
- **Team Size:** 1-4 members per team.
- **Interdisciplinary Teams:** While not mandatory, teams are encouraged to include members with diverse skill sets (e.g., UI/UX, Backend, Business Logic).

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## THE THREE-STAGE COMPETITION PROCESS

### Phase 1: Idea Submission

- **Deadline:** March 5th, 2026.
- **Format:** Submission via the official Google Form.
- **Requirements:** \* A clear title for your app.
  - Identification of which specific SDG(s) your project addresses.
  - A 250 word summary of the problem and your proposed technical solution.
- **Selection:** Abstracts will be screened for logic flow, feasibility, and impact.

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## Phase 2: Technical Showcase (March 14th)

- **Requirement:** Teams must officially register for Innovacion 2026 to participate.
- **Deliverables:**
  1. **Technical Report:** A PDF document detailing the tech stack used (e.g., Flutter, React, SQL), system architecture, and UI wireframes.
  2. **The App Link:** A live URL or a link to a cloud-hosted folder (Google Drive/GitHub) containing the executable or source code.
- **Presentation:** You will demonstrate the functional prototype to the Jury.

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## Phase 3: The Grand Finale & Business Pitch (March 15th)

- **Finalists:** Only the Top 10 Teams from Round 2 will qualify.
- **The Pitch:** A professional 10-minute PPT presentation.
- **Criteria:**
  - Market Viability:** Can this app be sustained financially?
    - **Scalability:** Can it be implemented across all districts of West Bengal?
    - **Social Impact:** How effectively does it solve the stated SDG problem?
- **Partnership with government organisations (municipal corporation, etc.) and NGO's will be rewarded bonus point.**

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## IMPORTANT DATES & DEADLINES

Milestone	Date
Official Announcement	February 15th, 2026
Idea Submission Deadline	March 7th, 2026
Final App & Report Submission (After selection)	March 10th, 2026
App Demonstration and Technical Pitching (Round 1)	March 14th, 2026
Business Pitching (Round 2) & Awards	March 15th, 2026

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## PRIZES AND RECOGNITION

- Winner's Circle: To be announced.
- Top Performers: The Top 17 Teams will receive official recognition and awards.
- Exposure: Network with prominent industry delegates and showcase your work to over 5,000 attendees and 30+ media houses.

## ORGANIZING COMMITTEE

- Chief Patron: Prof. Dr. Prabir Kumar Das (HOD BSH).
- Faculty Leads: Prof. Dr. Gunjan Kumar & Prof. Dr. Rahul Baidya.
- Student Leads: Diptangsu Panja & Abhirup Chakraborty (3rd Year, ME Dept).

## IDEA SUBMISSION LINK

- [https://docs.google.com/forms/d/e/1FAIpQLSfTnL\\_k4QU0zLgwAr2bzn6cXQxALS3CcYtdWUYFQ96CIGR\\_g/viewform?usp=header](https://docs.google.com/forms/d/e/1FAIpQLSfTnL_k4QU0zLgwAr2bzn6cXQxALS3CcYtdWUYFQ96CIGR_g/viewform?usp=header)

# ***CONTACT***



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