



PRESIDENCY UNIVERSITY

MakerSpace Cluster | Standard Rule Book

Event Overview

EventName: WEBSPRINT

Cluster: MakerSpace Cluster (SIGMA Club / Makerspace)

Event Type: Competition

Mode: Offline(Phase 2) + Online(Phase 1)

Team Size: Team of 3 to 4 members

Duration: 9:00 AM – 1:00 PM (4 HOURS)

Event Task / Objective

WEBSPRINT is a college-level competitive, responsive web engineering challenge designed to enhance creativity, problem-solving skills, and full-stack development proficiency among students. Participants design and develop innovative, user-centric web applications addressing real-world or campus-centric problems aligned with SDG themes. The event promotes hands-on learning, industry-standard workflows, and real-world application development.

Design / Technical Specifications

- Projects must be Responsive web-based applications or websites
- Allowed technologies:
 - HTML5, CSS3, JavaScript
 - React, Node.js
 - Databases, APIs

- Focus areas:
 - UI/UX design
 - Responsiveness
 - Performance optimization
 - Web security
- Participants must bring:
 - Laptops and chargers
 - Required software/tools
- All work must be original
- No plagiarized or pre-built projects allowed

General Guidelines

1. Open to UG and PG students from any recognized institution.
2. One project submission per team.
3. Interdisciplinary teams encouraged.
4. Teams must document:
 - Problem statement
 - SDG theme
 - Tech stack
 - Features and approach
5. Organizers provide:
 - High-speed Wi-Fi
 - Power backup
 - Workspace and seating
6. Jury decision is final.

Safety Rules

- No unsafe hardware or electrical setups.

- Follow venue safety guidelines.
- Discipline and professional conduct mandatory.

Phase I – Online Idea Submission & Screening Round

Objective

Phase I aims to evaluate the innovation, clarity, and feasibility of the participants' proposed web solution. This round ensures that only well-prepared and serious teams qualify for the main event.

Mode of Conduct

- Online submission
- Evaluation by internal faculty and technical reviewers
- No registration fee required for phase-1

Submission Requirements

Each team must submit a PowerPoint presentation (8– 10 slides maximum) containing the following:

1. Team Introduction
2. Selected SDG Theme
3. Problem Statement
4. Proposed Web-Based Solution
5. Key Features and Functionalities
6. Target Users/ Beneficiaries
7. Technology Stack (Frontend, Backend, Database, APIs)
8. Basic Wireframe or UI Concept (Optional)
9. Expected Impact and Feasibility

Registration for Phase II

Shortlisted teams must confirm participation by paying:

- ₹ 500 per team (External Participants)
- ₹ 250 per team (Internal Participants)

Phase II – On-Campus WEBSPRINT Final Round

Venue: Presidency University

Date: April 9

Duration: 4 Hours

Objective

Phase II is the main WebSprint round designed to test the team's technical execution, time management, creativity, and teamwork under real-time development conditions.

Theme Allocation

- On the event day, 12 SDG-based themes will be displayed.
- Teams must choose any ONE theme.
- The theme selected in Phase II does not need to be the same as Phase I.
- Projects must be developed from scratch during the event.
- Pre-built or previously developed projects are strictly prohibited.

Event Flow

Theme Selection & Planning (30 Minutes)

- Teams analyze selected theme.
- Plan solution approach.

Development Round (3 Hours)

Teams must:

- Build a responsive web application.
- Implement core functionalities.
- Ensure proper UI/UX design.
- Focus on usability and performance.

- Test basic functionality before submission.

Allowed Technologies:

- HTML, CSS, JavaScript
- React, Node.js
- Databases, APIs
- Any standard web development tools

Final Presentation

Teams will:

- Demonstrate the fully enhanced web application
- Explain technical decisions and creative extensions
- Justify innovation and real-world applicability
- Answer questions from the jury

Final Evaluation Criteria

- Technical depth and code quality
- Creativity and innovation in enhancement
- Functionality, responsiveness, and robustness
- Relevance to theme and real-world applicability
- Presentation clarity and communication skills

The jury's decision at this stage will be final and binding.

Submission Guidelines

Final submission must include:

- Working web application
- Presentation (PPT/PDF)
- Source code (GitHub or zip)

Judging Criteria

Criteria

Marks

Criteria	Marks
Innovation&Originality	20
Technical Implementation	20
Prototype Functionality	20
Impact&Relevance	20
Presentation&Demo	20
Total	100

Awards&Recognition

- 1st Prize: ₹ 10,000
- 2nd Prize: ₹ 7,000
- Special Award: ₹ 5,000
- Certificates for all participants

Faculty Coordinators

- Ms. Anupama M. Patil
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Student Event Lead

- Vinod Kumar Vemagal Raviprasad
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General Instructions

- Follow all university and MakerSpace cluster policies.
- Respect judges, peers, and staff.
- Any form of plagiarism or code reuse will lead to disqualification.

- Decisions of the judges are final and binding.
- Certificates will be awarded to all valid participants.

Official Note

This Rule Book serves as the official guideline for all MakerSpace Cluster events under INNOVATEX 4.0, Presidency University. Any updates or clarifications will be communicated officially via the MakerSpace WhatsApp community and notice board