

# CSI 2024-25

## BIA'S WEBCADE 2024

### PROBLEM STATEMENTS

#### 1 . College Peer Tutoring and Mentorship Platform

**Problem:** Many students need academic or career guidance but may not know who to approach within their college network.

**Challenge:** Build a peer-to-peer tutoring and mentorship platform where students can request help in specific subjects, book study sessions, or connect with senior students for career guidance. The platform should allow mentors to set availability, and students to give ratings and feedback.

#### 2 . Cross-Border E-Commerce Platform

**Problem:** Expanding into international markets presents challenges with language, currency, and shipping logistics.

**Challenge:** Build a cross-border e-commerce platform that supports multi-language interfaces, currency conversion, and integration with global shipping providers. The platform should also comply with different countries' tax and customs regulations.

#### 3 . Smart Ambulance Routing System

**Problem:** Emergency response times are often delayed due to inefficient ambulance routing, especially in congested urban areas.

**Challenge:** Design a smart ambulance routing system that calculates the fastest routes to hospitals based on real-time traffic, weather conditions, and hospital availability. The system should prioritize routes that ensure the quickest and safest delivery of patients to the appropriate healthcare facility.

## **4 . Talent Acquisition and Onboarding Platform for Startups**

**Problem:** Startups face the challenge of recruiting talent quickly and effectively while providing a smooth onboarding experience to new hires.

**Challenge:** Design a platform that streamlines the recruitment process for startups, including features like smart candidate screening based on skills, automated interview scheduling, and personalized onboarding workflows. The tool should focus on improving the candidate experience and reducing time-to-hire.

## **4 . Student Innovation**

**Problem:** Participants can select any problem statement of their choice.

**Challenge:** Design a platform, a dashboard or a web-based application.