PISB TECH RUSH 2025

Rules and Regulations

- **The team can only consist of PICT SY Students.**
- Problem Statements along with registration form will be released on **22 July 2025**.
- **Registration Form** should be filled by the team leader only.
- A team can consist of a minimum **2 members** and a maximum of **4 members.**
- If the team leader is a **PISB member** then they will not have to pay registration fees, only fill the form.
- Team registrations will be open till **28 July 2025 8pm.**
- The Problem Statements are categorised into following domains:
    1. **Frontend Web Development**
    2. **Fullstack Web Development**
    3. **Artificial Intelligence / Machine Learning**
    4. **Frontend App Development**
- Tech Stack will be restricted to the following for Web and App problem statements:
1. **Web -** HTML, CSS, JS, React, Nodejs, Expressjs, Nextjs, MongoDB, Any SQL Database, Postgres
2. **App -** Flutter
- The use of techstack is up to the participant's discretion.
- **You have to choose 2 preferences out of the given statements. You'll be notified of one of your preferences from the problem statements.**
- **If you try to choose the same problem statement for both preferences, the problem statement will be allocated randomly according to availability.**
- The **First Evaluation Round** with a demo of the solutions for the Problem Statements would be conducted **in online mode from 8th to 10th August 2025.** Participants should provide evidence of their progress.

- The **Second Evaluation Round** will be conducted offline. The teams have to demonstrate improvised version of 1st round code.
- To ensure that your project is developed from scratch, we'll require a **GitHub repository** with a proper **Readme** file to track your progress and confirm your work's origin.
- We'll provide you with resources if you don't know how to use GitHub.
- Whatsapp group link will be visible in the google form once you submit it. **Only the team leader will join the group.**
- You will be assigned mentors and final problem statement on **28 July 2025.**
- **Plagiarism**, if caught, will result in **disqualification.**
- **If you lie about the team leader being a PISB member to get registration fees waiver, you'll be disqualified.**
- **One person can be a part of only one team. If it is found that he/she is a part of more than one team, both teams will be disqualified.**
- Registered teams will be assigned mentors. These mentors will be TE's of the **PISB Tech Team.**
- Confirm your chosen tech stack and project workflow with the mentors before proceeding further.
- If you want to use techstack other than mentioned above, contact the mentors.
- Participants are expected to maintain a **steady level of performance** over the course of the hackathon.
- Participants should be able to answer questions related to their code.
- **Tech Rush Judgement criteria:**
  - Consistency
  - Completion status
  - Additional features
  - Design (Frontend)
  - Integration
  - Proper Responsiveness
  - Plagiarism Check

DOMAIN SPECIFIC RULES

1. **Frontend Web Development**

   a)Responsive UI

   b) Clean Design: Consistent colors, fonts, and layout

   c) Simple Navigation: Easy-to-use flow

2. **Fullstack Web Development**

   a) Teams must implement user authentication ie Sign Up and Log In/Logout system irrespective of chosen problem statement.

   b) During evaluation, teams must demonstrate functional frontend running on 2 separate PCs sending requests to a common backend server.

   c) Fully functional web app will be given preference over only frontend.

3. **Artificial Intelligence/Machine Learning**

   a) Evaluation will be based not only on model performance but also on:

   - User Interface and smoothness of usage.

   - Maintenance and clarity of the GitHub repository.

   - Completeness and usability of your end-to-end solution

4. **Frontend App Development**

   a) UI/UX Rules:

   ~Responsive UI: Must work on all devices (phones)

   ~Clean Design: Consistent colors, fonts, and layout

   ~Simple Navigation: Easy-to-use flow for all user types

b) Architecture Rules:

~Clean Architecture: Use clear layers (UI, logic, data)

~Modular Code: Break into widgets, services, models

~State Management: Use Provider, Bloc, Riverpod, etc.