

BAHRIA UNIVERSITY ISLAMABAD - E-8 CAMPUS

TECH FUSION 2026 - RULEBOOK

Empowering Pakistan's Next Generation of Innovators | Organized by AI Club

Welcome to TechFusion 2026!

A celebration of technology, creativity, innovation, problem-solving, and entrepreneurial thinking. TechFusion brings together students, developers, designers, innovators, entrepreneurs, AI enthusiasts, gamers, and young learners under one platform.

From competitive programming and artificial intelligence to design, entrepreneurship, and gaming, TechFusion 2026 provides participants with opportunities to compete, create, collaborate, and connect.

This rulebook contains the official rules, participation requirements, formats, evaluation criteria, and policies applicable to all TechFusion 2026 competitions.

Vision Behind TechFusion

TechFusion aims to become a platform where young innovators can transform their technical knowledge and creative ideas into meaningful solutions. The event focuses on Technology, Creativity, Problem-solving, Entrepreneurship, Artificial Intelligence, Digital skills, Collaboration, and Healthy competition.

About AI Club

The AI Club at Bahria University Islamabad (E-8 Campus) is committed to promoting artificial intelligence, emerging technologies, innovation, and technical learning among students through workshops, competitions, talks, and collaborative initiatives.

Event Objectives

- **Technical Competitions:** Encourage students to participate in technology-based competitions and practical application of knowledge.
- **Innovation & Entrepreneurship:** Promote entrepreneurial thinking and exposure to emerging tech.
- **Collaboration:** Create opportunities for inter-university collaboration and connect students with industry professionals.
- **Early Age Learning:** Provide young students with an early introduction to programming, robotics, and digital media.

General Participant Guidelines

- **Identification:** Participants must carry a valid University/College/School ID, and CNIC/B-Form.
- **Attendance:** Participants must report to their designated venue before reporting time. Late arrival may result in disqualification.
- **Equipment:** Participants must bring their own equipment where specified by the module.
- **Communication:** Participants must remain updated through official TechFusion communication channels.
- **Registration:** Registration information must be accurate. Registration fees are non-refundable.

Registration & Eligibility - Fee Summary

Module Name	Early Bird Fee	Regular Fee
Logical Race	Rs. 1,600 / team	Rs. 2,000 / team
Speed Programming	Rs. 1,600 / team	Rs. 2,000 / team
Bug Hunting	Rs. 1,200	Rs. 1,500
Early Age Programming	Rs. 1,500 / team	Rs. 2,000 / team

AI Hackathon (Flagship)	Rs. 1,600 / team	Rs. 2,000 / team
Prompt Engineering	Rs. 800	Rs. 1,000
UI/UX Designing	Rs. 1,500 / team	Rs. 2,000 / team
Graphic Designing	Rs. 1,000	Rs. 1,200
Fusion Pitch	Rs. 1,600 / team	Rs. 2,000 / team
Tekken 8 Tournament	Rs. 1,000 / player	Rs. 1,200 / player
FIFA 26 Tournament	Rs. 1,000 / player	Rs. 1,200 / player
PUBG Mobile Tournament	Rs. 1,000 / team	Rs. 1,200 / team
Jackbox Party Game Tournament	Rs. 1,000 / player	Rs. 1,200 / player
Line Follower Robot (LFR)	Rs. 1,500 / team	Rs. 2,500 / team
Obstacle Avoider	Rs. 1,500 / team	Rs. 2,500 / team
Sumo Wars (7kg Heavyweight)	Rs. 1,500 / team	Rs. 2,500 / team
Robo Futsal (1v1)	Rs. 1,500 / team	Rs. 2,500 / team
RC Car Challenge	Rs. 1,500 / team	Rs. 2,500 / team

Code of Conduct & Dispute Policy

All participants are expected to maintain professional and respectful conduct. Harassment, bullying, discrimination, abusive behavior, and damage to property are strictly prohibited. AI usage rules are module-specific.

Judges' decisions are final across all competitions. Formal arguments with judges or organizers will not be tolerated. Any formal dispute must be submitted through the designated event management process.

Module Overview (18 Core Competitions)

- **Tech & Programming:** Logical Race, Speed Programming, Bug Hunting, Early Age Programming
- **Artificial Intelligence:** AI Hackathon (Flagship), Prompt Engineering
- **Creation & Innovation:** UI/UX Designing, Graphic Designing, Fusion Pitch
- **Robotics:** Line Follower Robot (LFR), Obstacle Avoider, Sumo Wars (7kg), Robo Futsal (1v1), RC Car Challenge
- **Gaming:** Tekken 8, FIFA 26, PUBG Mobile, Jackbox Party Game Tournament

Tech & Programming Modules

1. Logical Race

A team-based problem-solving sprint testing logical reasoning, programming fundamentals, and speed. Team of 3 members. Early Bird: Rs. 1,600 / team | Regular: Rs. 2,000 / team.

Format: Sequential challenges where each solved challenge unlocks the next. Restricted internet and AI tools. Fastest team to complete all stages wins.

2. Speed Programming

HackerRank-style competitive programming contest covering Data Structures, Algorithms, OOP, Trees, Graphs, and Arrays. Team of 2 members. Early Bird: Rs. 1,600 / team | Regular: Rs. 2,000 / team.

3. Bug Hunting

Individual debugging and optimization challenge. Participants diagnose and fix bugs within a fixed environment in 60-90 minutes. Individual. Early Bird: Rs. 1,200 | Regular: Rs. 1,500.

4. Early Age Programming

Beginner-friendly competition specifically for school students covering variables, loops, logic, and basic functions. Team of 3 members. Early Bird: Rs. 1,500 / team | Regular: Rs. 2,000 / team.

Artificial Intelligence Modules

5. AI Hackathon (FLAGSHIP)

Teams design, build, and present a working AI-powered prototype solving a real-world problem. Team of 2 members. Early Bird: Rs. 1,600 / team | Regular: Rs. 2,000 / team.

Evaluation: Problem Understanding (15%), Innovation (20%), Technical Implementation (25%), Practicality (15%), User Impact (10%), Presentation & Demo (15%).

6. Prompt Engineering

Individual competition testing clear, structured prompt creation across 3 tasks (3 hours total). Individual. Early Bird: Rs. 800 | Regular: Rs. 1,000.

Allowed Free LLMs Only: ChatGPT Free, Claude Free, Gemini Free, DeepSeek Free, Perplexity AI Free, Copilot Free, Mistral AI Free. Using paid versions results in immediate disqualification.

Creation & Innovation Modules

7. UI/UX Designing

Design sprint crafting user-centered digital experiences in Figma, Adobe XD, or Sketch. Team of 2 members. Early Bird: Rs. 1,500 / team | Regular: Rs. 2,000 / team.

8. Graphic Designing

On-the-spot visual composition based on a theme using Photoshop, Illustrator, or Canva. Individual. Early Bird: Rs. 1,000 | Regular: Rs. 1,200.

9. Fusion Pitch

Pitching a startup or tech business proposition to a judging panel (7-10 min pitch, 3-5 min Q&A). Team of 3 members. Early Bird: Rs. 1,600 / team | Regular: Rs. 2,000 / team.

Robotics Modules (IRS Event)

Open to School, College, and University students. Team size: 2 to 5 members. Technical inspection mandatory before run. Early Bird: Rs. 1,500 / team | Regular: Rs. 2,500 / team for all robotics modules.

- **10. Line Follower Robot (LFR):** Autonomous tracking of a 18-25mm black line on a white board with curves, 90-degree turns, and gaps.
- **11. Obstacle Avoider:** Autonomous navigation through a 6x6 ft arena avoiding randomly placed rigid obstacle blocks.
- **12. Sumo Wars (7kg Heavyweight):** Remote-controlled 12x12x12 inch 7kg heavyweight combat in a 6ft circular ring (Best 2 out of 3).
- **13. Robo Futsal (1v1):** Remote-controlled robots competing in an enclosed court to score goals using a table tennis ball.
- **14. RC Car Challenge:** Precision maneuvering and racing over multi-terrain obstacles and sequential gate flags.

Gaming Modules

A. Tekken 8 Tournament

1v1 Single Elimination Bracket on PlayStation 5. Standard: Best of 3 games. Grand Finals: Best of 5 games. Early Bird: Rs. 1,000 / player | Regular: Rs. 1,200 / player.

B. FIFA 26 (EA SPORTS FC 26) Tournament

1v1 Kick-Off mode on PlayStation 4. Standard: Single match. QF/SF: Best of 2 legs. Grand Finals: Best of 3. Early Bird: Rs. 1,000 / player | Regular: Rs. 1,200 / player.

C. PUBG Mobile Tournament

Points-based 4-Player Squad tournament across 5 matches (Placement + Kill points). Early Bird: Rs. 1,000 / team | Regular: Rs. 1,200 / team.

D. Jackbox Party Game Tournament

Multiplayer party-game tournament using Jackbox Party Pack, scored across 3-5 rounds. Highest total score wins. Early Bird: Rs. 1,000 / player | Regular: Rs. 1,200 / player.

Venue & Contact Information

Bahria University Islamabad - E-8 Campus, Shangrila Road, E-8, Islamabad.

- **Email:** techfusionmanagement@gmail.com
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