Overview

This hackathon challenges students and tech enthusiasts to explore the intersection of AI/ML, sports, and media. Participants will develop solutions to real-world problems, such as enhancing player performance analytics, automating sports journalism, or refining broadcast content using cutting-edge technology.

About the Challenge

Turboline x IIMS Hackathon 2025 is a 72-hour hybrid innovation sprint designed to merge AI/ML expertise with the dynamic worlds of sports and media. Students and tech enthusiasts will tackle challenges like automating sports commentary, analyzing player biomechanics, and generating real-time game insights. Whether you join onsite in Kathmandu or remotely, this event offers workshops, mentorship from industry leaders, and prizes up to NPR 1,00,000. Perfect for coders, designers, and data enthusiasts.

Key Focus Areas:

1. **Sports Tech:** AI-powered biomechanics analysis, real-time game stats, and referee decision support.
2. **Media Intelligence:** Automated highlight generation, sentiment tracking, and AI-driven commentary**.**
3. **Data Innovation:** Predictive modeling and creative applications of datasets in sports and media.

Business Cases for the Hackathon: *refer to this [Case Document](#)*

1. AI-Powered Sports Highlight Generation (NLP-based automated captioning for highlights)
2. Player Performance & Bio-Mechanics Analysis (Pose estimation & AI-driven biomechanics)
3. Real-Time Sports Analytics from Broadcast Feeds (Object detection for player tracking, ball trajectory, game stats)
4. Automated Sports Commentary Using AI (Video-to-text models for live sports commentary)
5. AI-Powered Referee/VAR Assistant (Video analysis for fouls, offsides, rule violations)
6. Sports Journalism Automation (LLMs for automated sports news articles)

Event Dates: 10 - 12 July 2025
Registration: *11 May 2025*