



Annasaheb Dange College of Engineering and Technology, Ashta

(An Empowered Autonomous Institute affiliated to Shivaji University, Kolhapur)

ADCET HACKATHON SEASON - 03



Problem Statements (Software Section)

Participants may choose any one of the following problem statement themes for Software Section:

1. Generative AI & Autonomous Systems

Develop intelligent software systems that can generate content, make decisions, and operate autonomously with minimal human intervention.

2. Quantum Computing Applications (Software Perspective)

Build software applications, simulators, or hybrid models that demonstrate real-world problem solving using quantum or quantum-inspired computing.

3. Digital Twins for Industry & Infrastructure

Create virtual replicas of physical systems to monitor, simulate, optimize, and predict performance of industrial or infrastructure assets.

4. Digital Governance & e-Public Services

Develop digital platforms that enhance government service delivery, citizen engagement, transparency, and administrative efficiency.

5. EdTech 5.0 – Personalized & Immersive Learning

Propose technology-driven learning solutions that adapt to individual learners using AI, analytics, and immersive technologies.

6. GameTech & Serious Games for Impact

Build games or interactive simulations aimed at education, training, awareness, and social or behavioral impact.

7. System Smart Supply Chain & Logistics Intelligence

Create data-driven software solutions to optimize logistics, forecasting, traceability, and supply chain efficiency.

8. AR/VR Solutions

Develop immersive augmented or virtual reality applications for education, training, healthcare, industry, or social impact.

9. Cyber Security

Design and develop a comprehensive and extensible web application fuzzing framework that automates the discovery and security testing of key web application components.

10. Blockchain Technology with smart Contracts

Develop a comprehensive digital platform that facilitates assured contract farming agreements between farmers and buyers.