

	<p style="text-align: center;"><b>Annasaheb Dange College of Engineering and Technology, Ashta</b> (An Empowered Autonomous Institute affiliated to Shivaji University, Kolhapur) (NAAC A++ Grade Accredited Institute, NBA Accredited Program) <b>ADCET HACKATHON SEASON - 03</b></p>	 Institute Innovation Council
--	--	---

### **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.