#	Sr. No	Problem Title	Problem Description	Problem Stetement code	Domain
1		**Zero-Knowledge Proof Authentication System**	Implement a blockchain-based authentication system using zero-knowledge proofs (ZKP) to verify user identities without revealing sensitive information.	SITN-R1-CB-1	Cyber Security and Blockchain
2		**AI-Based Phishing Detection**	Propose a solution to detect phishing emails using machine learning	SITN-R1-CB-2	Cyber Security and Blockchain
3		**Personalized Learning System**	Design an AI-based e-learning system that adapts content based on a student's learning pace.	SITN-R1-AM-1	AI/ML
4		**AI-Based Sign Language Translator**	Create a model that converts sign language gestures into text or speech in real time.	SITN-R1-AM-2	AI/ML
5		**IoT-Powered Wildfire Detection System**	Design an IoT-based solution that monitors environmental conditions to detect and predict wildfires.	SITN-R1-IOT-1	IoT
6		**IoT-Based Smart Parking System**	Design an IoT solution to detect and display available parking spots in a city using sensors.	SITN-R1-IOT-2	IoT
7		**Serverless Online Examination System**	Design a scalable and secure cloud-based online examination platform using serverless computing.	SITN-R1-CC-1	Cloud Computing
8		**Cloud-Based AI Video Analytics**	Develop a cloud-based system to process and analyze CCTV footage for security and anomaly detection.	SITN-R1-CC-2	Cloud Computing
9		**Crime Rate Prediction**	Use historical crime data to predict future crime hotspots in a city	SITN-R1-DA-1	Data Science and Analytics
10		**Traffic Flow Prediction in Smart Cities**	Develop a model that analyzes past traffic data to predict congestion and suggest alternative routes.	SITN-R1-DA-2	Data Science and Analytics