PROBLEM STATEMENT-6

Title: Smarter Surveillance System

At present, a lot of labour is spent on physical patrolling of border areas, cities and compounds. Fencing wires or barricades are not reliable and easy to breach, in large areas it is difficult to be available at all locations, and if someone is breaching in absence of guard, the guard will know only when they reach the breach site. Also, it takes a lot of time to cover the compound walls if the area is large. For smarter India, we need a Smarter Surveillance system, which can be developed through Modular design which is easy to assemble at onsite.

Objectives :

1. Lesser efforts on surveillance
2. Lesser breach of security
3. Lesser casualty on borders
4. Any Security agent who is securing a larger area can install an unmanned area and can track through a single control room. It can be controlled from the control room.
5. Complete CCTV surveillance network in all Smart Bus stations, public, commercial areas and traffic intersections of RMCC integrated to the RCCC. Augmented and encouraged with a private network based on Distributed Cost model.
6. **Hardware/software can be used:** Catia v5 license, Electronic Prototyping Components, Programming Boards & other addons as per requirements.

Category: Hardware

Domain: Security & Surveillance

Technology Bucket :

- Artificial Intelligence
- Machine Learning

- IoT
- Desktop Application