



Problem Statements: The Innovation Challenges

3. IoT based industrial problems

I. Drone /Robot-based system for cleaning railway tracks.

The participants have to design a drone or robot system to promote cleansing facilities of railway tracks, thus reducing the accident.

II. Road traffic management

Traffic jams and traffic rules violation is something everyone can relate to. Innovate a tool to aid traffic police in managing traffic jams and facilitate autonomous monitoring of the traffic rule violators.

III. The solution to water wastage

Climate chaos is one of the principal drivers of water shortages and is expected to heap even more pressure on our depleting supplies. With the increasing number of areas in India, suffering from severe drought, it has become essential to stop water wastage. Design an effective technical solution to tackle this problem.

IV. Road accident prevention.

This is the most significant problem in any developing country. Design an efficient, practical idea to avoid unintentional injuries in the conviction so that majority of them are avoidable.

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