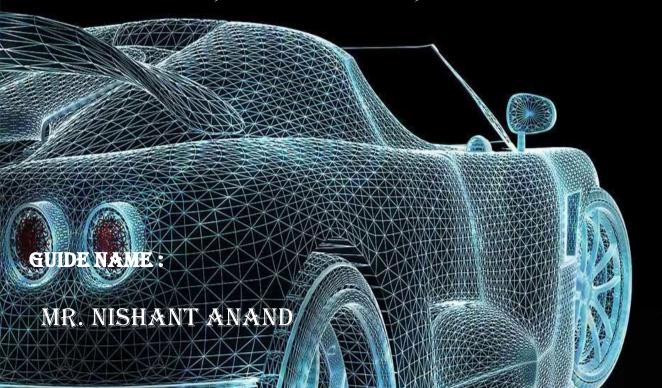
IOT-BASED EV SMART PARKING AND GREEN CHARGING SYSTEM





PROJECT MEMBERS:

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Problem Statement:



Almost no car parking facilities in operation today can handle the flood of vehicles. It takes time to look for a vacant parking space.

It causes increased traffic congestion since many vehicles may compete for limited parking spaces.

After that there is also a problem with EV charging points across the city.

EV charging points are yet to upgrade to a renewable source of energy.

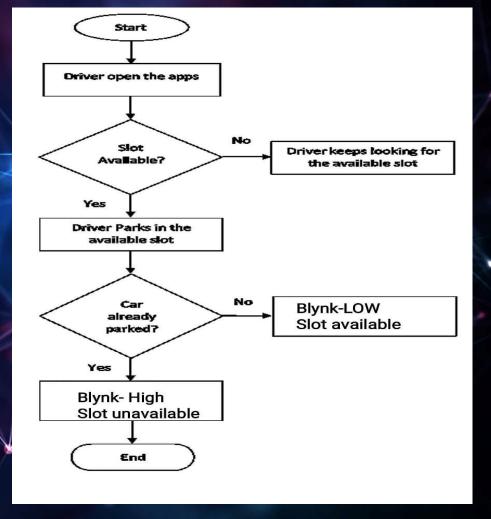
Proposed Solution:

- To provide information about slot availability for parking using IoT App/Browser.
- > To provide wired charging of Electric Vehicle.
- > To provide green charging using solar panels.





Flow diagram:



Conclusion:

- Optimised Parking
- > Reduced Traffic and Reduced Pollution
- > Green charging system
- > New Revenue Options
- > Fast Payments
- Decreased Management Costs
- Real-Time Data and Trend Insight

