

# Kusuma G Naik

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## Education

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- **The Oxford college of engineering** 2022  
B.E  
7.4
- **State board** 2018  
Puc  
63
- **State board** 2016  
10th  
82

## Skills

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- Manual testing
- Sql

## Projects

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- **Protection of load and charge using solar power management**  
The mini project was about solar battery charger based on the microcontroller which first detects the voltage on the solar panel. If the load voltage exceeds 125 volts LED will be ON , battery need not to be charged, if the load voltage is less than 123 volts LED will be OFF , battery need to be charged . The total system is automated ,intelligent and controlled to its operation . the proposed charge controller prevents overcharging and excess discharge of the batteries and also controls the current in effective way which make use of full capacity of the battery and prolong its lifetime . microcontroller system improves the reliability and decreases the designed system .
- **Automatic self driving car**  
Self-driving cars are the future smart cars anticipated to be driver less, efficient and crash avoiding ideal urban car of the future. To reach this goal automakers have started working in this area to realized the potential and solve the challenges currently in this area to reach the expected outcome