

IOT Based Automatic Electric Vehicle Accident Prevention and Speed Control

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Abstract: *The IoT-based Automatic Electric Vehicle Accident Prevention & Speed Control system introduces an innovative approach to enhancing road safety for electric vehicles (EVs). By leveraging a network of sensors and devices, the system continuously monitors real-time data on vehicle speed, road conditions, and proximity, enabling features such as collision avoidance, adaptive speed control, and emergency communication. With its proactive approach to risk mitigation, this system aims to revolutionize road safety, offering a comprehensive solution to prevent accidents and contribute to a safer and more efficient transportation ecosystem*

Keywords: Electric vehicles, IoT technology, Road safety, Accident prevention, Sustainability