Extempore Activity

IT IN AUTOMOBILES	*It is driving the evolution toward autonomous driving. Advanced sensors, AI-powered decision-making, and connected car ecosystems are transforming vehicles into mobile data hubs. With predictive maintenance, real-time traffic navigation, and infotainment systems, IT ensures vehicles are not only safer but smarter. It is driving the evolution towards autonomous driving. Advanced sensors, AI-powered decision-making, and connected car ecosystems transform vehicles into mobile data hubs. With predictive maintenance, real-time traffic navigation, and infotainment systems, IT ensures vehicles are not only safer but smarter.*

In Metro Rail	*It enhances urban mobility through smart ticketing, real-time tracking, and automated operations. AI-powered predictive analysis helps reduce congestion, while intelligent signaling ensures optimal train frequency. This IT-enabled infrastructure brings reliability, efficiency, and seamless commuting experiences.*
In Avionics	*It is critical for advanced flight systems. From autopilot functions to real-time communication with ground control, avionics heavily rely on IT. The introduction of next-gen IT tools has improved air traffic management, reducing delays and enhancing flight safety. Additionally, predictive analytics optimizes fuel consumption and aircraft performance, making aviation more sustainable.*