



**KAMARAJ IAS ACADEMY**  
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# Vehicle-to-Vehicle (V2V) Communication

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**News Context:** India plans a nationwide rollout of V2V by 2026 to tackle the "silent pandemic" of road accidents (India accounts for 11% of global road deaths).

- **How it Works:** Using **Dedicated Short-Range Communications (DSRC)** or **C-V2X (Cellular V2X)**, cars "talk" to each other wirelessly.
- **Key Features:**
  - **Collision Warning:** Sensors alert drivers if another vehicle is about to break suddenly or enter a blind spot.
  - **Platooning:** Commercial trucks can travel closely together to reduce drag and save fuel.
  - **Intersection Assistance:** Notifies if a vehicle is approaching a blind intersection at high speed.
  - **Wholistic Insight:** This is a pillar of the "**Intelligent Transport System**" (ITS). For UPSC, link this to the **Justice Radhakrishnan Committee** recommendations on road safety.

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