

# Conceptualizing Strategies for Efficient Information Dissemination and Resource Management in Internet of Vehicles (IoV)

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- **Theme:** Investigating and providing solutions for achieving efficient information dissemination and resource management in IoV networks.
- **Objectives:**
  - ❖ Propose efficient channel access mechanism and/or scheduling strategies for communicating devices in order to support various vehicular applications having QoS constraints.
  - ❖ Propose resource management techniques for both vehicular and roadside cloudlets.
  - ❖ Analyse the proposed strategies by modelling the system using various performance modelling techniques.
- **Deliverables:**
  - **Outcome through project:** Strategies for efficient information dissemination and resource management in IoV and their performance analysis.
  - **Societal impact:**
    - ❖ Connected vehicles scenario
    - ❖ Lower accidents and comfortable driving experience
  - **Current status:**
    - ❖ Currently working on load balancing and resource management in roadside vehicular clouds.