

**GOVERNMENT OF INDIA
MINISTRY OF HOUSING AND URBAN AFFAIRS
RAJYA SABHA
UNSTARRED QUESTION NO. 2454
ANSWERED ON 11/08/2025**

**REAL-TIME ANALYSIS UNDER INTEGRATED COMMAND AND
CONTROL CENTRES**

2454. SHRI S NIRANJAN REDDY:

Will the Minister of HOUSING AND URBAN AFFAIRS be pleased to state:

- (a) whether any specific data analytics technologies, including AI/ML models or predictive systems, are being employed in the Integrated Command and Control Centres (ICCCs) for real-time urban governance, planning, and decision-making;
- (b) if so, the details of the technology used; and
- (c) whether any technical audits or performance reviews of ICCC data analytics capabilities have been conducted post- 2023, and if not, the reasons therefor?

ANSWER

**THE MINISTER OF STATE IN THE MINISTRY OF HOUSING AND URBAN AFFAIRS
(SHRI TOKHAN SAHU)**

- (a) to (c) Under the Smart Cities Mission, the Integrated Command and Control Centres (ICCCs) are leveraging a wide range of advanced technologies including AI/ML to support real-time governance and urban service delivery. In the domain of traffic management, systems such as the Intelligent Traffic Management System (ITMS), Red Light Violation Detection System (RLVD) and Automatic Number Plate Recognition (ANPR) are being used to monitor and enforce traffic regulations effectively.

For solid waste management, AI-based route optimisation is being deployed to improve the efficiency of waste collection operations. In the area of public safety, technologies such as crowd monitoring and facial recognition systems are utilized in public spaces to detect unusual activities, ensure situational awareness and support law enforcement efforts. These integrated systems enable cities to make data-driven decisions, enhance service efficiency and improve overall urban resilience.

A comprehensive ICCC Maturity Assessment was conducted across all Smart Cities and individual reports were issued to cities. In parallel, cybersecurity assessments are being carried out through the Standardization Testing and Quality Certification (STQC) Directorate under the Ministry of Electronics and Information Technology (MeitY) to evaluate the cybersecurity readiness and resilience of ICCC. These reviews have helped cities identify gaps and take corrective actions to strengthen their data analytics capabilities and cyber infrastructure.
