Integrated Command and Control Centre (ICCCs)

Why in News?

According to a recent study by Indian Institute of Management (IIM), the Integrated Command and Control Centre (ICCC) created safe environment for women across 93 smart cities.

- **ICCCs** – It is the real-time monitoring systems *operationalized in 100 the Smart Cities.*
- It works as the brain and nervous system for city operations.
- **Launched in** – *2015,* by Ministry of Housing & Urban Affairs.
- **Umbrella Scheme** – Smart Cities Mission (SCM).
- **Aim** – To enable collation of information and collaborative monitoring, thus helping in the analysis of data for quicker decision making.
- **Integrated departments** – Police, Traffic Police, Health, Water, Solid Waste management, Irrigation department etc. have been integrated with ICCCs.
- 30 out of 100 smart cities have the following in traffic and transportation management
    - Adaptive Traffic Control System (ATCS), Integrated Traffic Management System (ITMS), Red Light Violation Detection (RLVD) & Automatic Number Plate Recognition System (AnPR).
- **Intelligent operations capability** – It shall ensure *integrated data visualization,* real-time collaboration and deep analytics.
- **Significance** – It have been successful in improving *surveillance*, enhancing *safety and security of citizens,* preventing and resolving crimes etc.

Study Findings

The national level study has focused on smart cities of Chennai (Tamil Nadu), Nagpur (Maharashtra), and Tumakuru (Karnataka) for detailed primary impact assessment.

- 93 smart cities had the installation of *over 59,802 CCTV cameras and emergency call boxes* in the country.
- **Chennai and Tumakuru** – Leveraged advanced monitoring systems, integrating safety cameras with ICCCs.
- **Nagpur** – *14% decline in overall crime* rates post-implementation of surveillance measures.
- Women in these 3 cities increased confidence in assessing public spaces.

References

1. The Hindu| ICCCs created safe environment in 93 smart cities
2. PIB| Integrated Command and Control Centres (ICCCs)

Related News – Smart Cities Mission



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