

InTranSE Program

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About InTranSE Program:

- The **Intelligent Transportation System Endeavor (InTranSE)** is a revolutionary collaborative research and development programme.
- It is an initiative of **the Ministry of Electronics & IT.**
- **Purpose:** To **synergize the transformation** in Intelligent Transportation System the Ministry of Electronics & IT took early steps by bringing together premier academic institutes like Indian Institute of Technology (IIT), Indian Institute of Science (IISc), Indian Institute of Management (IIM) etc. and Premier R&D Centre like C-DAC under one umbrella.
- This initiative formulated the Collaborative Intelligent Transportation Systems Endeavor for Indian Cities (InTranSE) during the year **2009-2012 (Phase-I)** that witnessed IIT Bombay, IIT Madras, IIM Calcutta and C-DAC Thiruvananthapuram collaboratively developing, implementing, demonstrating and knowledge **transfer of ITS products and solutions.**
- The InTranSE **Phase-II program (2019-2021)** is aiming at undertaking R&D projects collaboratively with IIT Bombay, IIT Madras, IISc Bangalore and C-DAC Thiruvananthapuram
- **Significance:** It will achieve traffic efficiency by **minimizing traffic problems**, prompting efficient infrastructure usage, enriching users with prior information about traffic and reducing travel time as well as

enhancing safety and comfort of commuters.

Q1:What is Centre for Development of Advanced Computing (C-DAC):

It is the apex research and development wing of the Ministry of Electronics and Information Technology. It was established in the year 1988. Its main purpose was to carry out research and development in Electronics, IT and other associated areas.

Source:Three Indigenous developed Technologies transferred to Industries as a step towards the Innovation, Science and Technology theme of Viksit Bharat @2047

Source: <https://vajiramandravi.com/current-affairs/intranse-program/>

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