



**Xavier University Bhubaneswar**  
**University Dialogue Series (UDS)**

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**Date:** 28 December 2018

**Time:** 11.00 am

**Venue:** Class Room 307

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**Smart Traffic signals – Challenges and way ahead**

**Speaker:**

**Prof. Mayank Dubey**

Center for Urban Management and Governance

Xavier University Bhubaneswar

Road systems are observing significant impedance along the corridor and at intersections because of increased trip rates. Intersections are sight of greater turbulence because of increased conflict and decision area. Signalisation is one of the time-sharing traffic maneuvering and control technique which is widely used along urban corridors. Smart city mission of India and propagation of digital techniques has also popularized the concept of smart signals. This background research is intended to document the functioning of smart signals and its stated benefits along with its efficacy along already complex urban arterial corridors. The study also indulges into a pilot study of Janpath corridor where smart signals and its ecosystem is being developed.

**Keywords:** Signalisation, Traffic, Smart City, Smart Signal.

Faculty Coordinator: Prof. Kalpana Sahoo and Satyendra Nath Mishra

Administrative Coordinator: Jayanta Kumar Das

Email: [uds@xub.edu.in](mailto:uds@xub.edu.in); Internal Phone: 7835 / 7752 / 7794

Phones: +91 674 2377700; Fax: +91 674 2300995