One Week FDP in Urban Informatics: Practice & Promise of Real Time City
Jan 21-25, 2019

Course Overview

Have you ever wondered if analytics and big data both can be useful in planning, managing, and transforming our cities into smart city! The vast amount of data being generated in and about cities creates both an opportunity and a dilemma for urban policymakers and planners. This course articulates the theoretical, practical, and pedagogical foundations for the fields of urban informatics and civic analytics and outlines the challenges to effectively applying big data and computational methods to urban management, policy, and planning. On one hand agenda of Smart & Intelligent Cities has been given impetus but even after a decade, there is big gap in application of ICT in urban planning and implementation. The course will investigate a number of qualitative and quantitative methods to measure and analyze urban spatial problems relevant to contemporary urban planning practice.

Participation Fees:

Academics & Industry   Rs 3000/-
Students & Research scholar   Rs 2000/-

Course Objectives: Course will provide the candidates knowledge and resources to:

- Understand the implication of IT tools in Urban Planning & Management.
- Appreciate the drivers of spatial & economic growth through data capture & analysis
- Learn to evaluate the environment & other policy measures with analytic tools.
- Understand the augmented as well as virtual Reality for smart and sustainable development.

Expected Participants:

- Planners, Architects, Geographers, Engineers, Policy Makers, Researchers from R&D Laboratories.
- Students at all Level B Tech, B Arch, B Planning, M planning, m Arch/ M. Tech, Ph D scholars.
- Faculty from Academic & Technical Institutes, University.
- From Industry, Practicing Planners & Developers. Town Planners. NGO.

Module	9.30-12.30	1.30-4.30
Module A	Inauguration & Introduction of Course Back ground	Basic of Programming in Smart Cities
Module B	Info-diaries– how to access data on city level Utilities Urban Planning Expert	Policy in Implementation of Data Expert from National Informatics Centre Delhi
Module C	Emerging Data Initiatives: Data Analytics, Data Mining	Application Demonstration & Hands on Working by ICT Experts
Module D	Augmented Ingenious Smart Cities	IOT FOR Social Interaction, Crowd Sourcing
Module E	Urban Computing; Smart City Governance	Discussion & Certificate Distribution

Faculty Coordinator:

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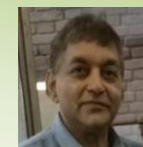www.gbu.ac.in   Ph: 9818617933

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Subject Experts