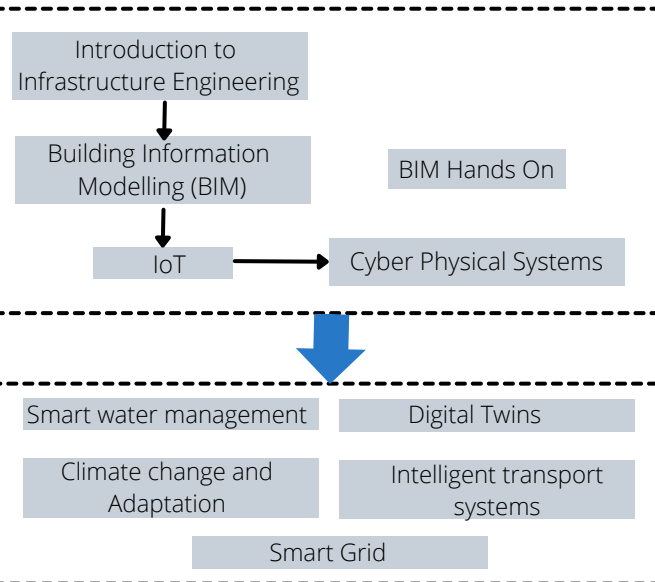


COURSE OUTLINE



Note: The detailed schedule of the course will be communicated to the registered participants.

THE PROGRAM

This course comprises 20 lecture series and introduces a multifaceted approach in the purview of infrastructure with theory and hands-on sessions on building information modelling (BIM), Internet of Things (IoT), and cyber-physical systems. Subsequently, participants will be introduced to relevant applications which augment the contemporary infrastructure to smart infrastructure. They include intelligent transport systems, smart water management, digital twins, climate change, etc. It is expected that the participants completing the course will get a perspective on smart infrastructure systems, with which they can further explore this domain as per their interests.



A short-term online course on

Smart and Digitalized Infrastructure Systems

Under Management Development Program (MDP) on Smart Infrastructure and Sustainability

02-06 May 2022

Organized by

IITJ Technology Innovation and Start-up Center (TISC)



INDIAN INSTITUTE OF TECHNOLOGY JODHPUR
NH 62, Karwar, Jodhpur 342030, Rajasthan, India

COORDINATORS

Dr P Ravi Prakash
Dr Ranju Mohan
Dr Amit Sharma
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Department of Civil
and Infrastructure
Engineering

LIST OF SPEAKERS



Prof. Ashwin Mahalingam
IIT Madras



Prof. Miguel Azenha
University of Minho



Dr. Amit Sharma
IIT Jodhpur



Dr. Abhilasha Maheshwari
IIT Jodhpur



Prof. Shalabh Bhatnagar
IISc Bangalore



Prof. Ashok Kumar Pradhan
IIT Kharagpur



Mr. Arun Kumar
Bentley Systems



Mr. Partha Pratim Roy
Bentley Systems



Prof. Udit Bhatia
IIT Gandhinagar



Prof. Pushpak Jagtap
IISc Bangalore



Dr. Shantanu Chakraborty
Strategic transport modeller at GHD



Dr. Suchetana Chakraborty
IIT Jodhpur

LIST OF SPEAKERS

TARGET PARTICIPANTS

Practicing professionals, academicians, researchers, innovators, and students in the domain of Infrastructure Engineering

ABOUT THE COURSE

The program comprises 20 lecture series and is scheduled from 02–06 May 2022. The timing of the lectures will be from 9:30 AM till 5.00 PM. Requirements for online lectures are desktop/ laptop/ smartphone with good internet speed and a sufficient data pack. A web link will be sent to the registered participants for joining the lectures.

Registration Details: Online registration of the course can be completed by using the link (<https://forms.eduqfix.com/iitjaf/add>). Please fill in all the particulars and pay for the course fee using the link in the registration form.

Course fee per participant (including taxes):

Students	INR 3000
Faculty	INR 5000
Industry	INR 7500

A certificate of successful participation will be provided to all the registered participants.

CONTACT US

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*A short-term online
course on
Smart and Digitalized
Infrastructure Systems*

[Registration Link: Click here](#)



The registered participants will get Academic Synchro software (1 year) & E-learning access through Bentley Education Portal