Indian Institute of Technology Indore

In keeping with India's vision to become a world leader in Science and Technology and to usher in a new revolution, resulting in an unprecedented economic growth, Government of India reassessed the need of technical manpower and decided to set up new IITs.

Indian Institute of Technology Indore located in Madhya Pradesh, known as IIT Indore or IITI, is an institute of national importance established by the Government of India in 2009. It is one of the eight new IITs, started by the Ministry of Human Resource Development (India), Government of India. The institute is ranked 26 in the Overall category and 13 in the Engineering category by the NIRF 2021.

The Institute campus is spread over 501 acres of land of which 200 acres is forest land. The entire campus is rich in flora and fauna. Different buildings and infrastructures have been architected and developed to ensure that the natural beauty remains intact. It creates a conducive environment enabling an individual to excel in academic, research, services, extra-curricular, co-curricular activities and hobbies. With the world class teaching, research and outreach facilities.

For more details, visit http://www.iiti.ac.in

Course Organised By

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Click or Scan to Register

https://tinyurl.com/QIP-ATI-Registration

QIP Sponsored Short Term Course

on

Advances in Transportation Infrastructure Engineering

(*QIP-* ATIE)

02nd **to** 07th **May 2022**

organised by

Department of Civil Engineering
Indian Institute of Technology Indore

in association with

All India Council for Technical Education

through

Online Mode

Course Coordinators
Dr. Gourab Sil & Dr. Priyansh Singh

Transportation Infrastructure

The development of the Transport Infrastructure in India across various areas such as roads, railways, airport, and ports has gained tremendous pace in the last few years. The Transport sector in India is expected to grow at a compounded annual growth rate of 5.9 per cent, thereby becoming the fastest growing area of the country's entire infrastructure sector. A system of smart Transport infrastructure is imperative for connecting and spurring economic growth in our country.

To meet the demand in transportation sector day by day new and improved technologies are evolving. It is very important for the students, researchers, teachers, and practitioners to understand and broaden their knowledge in this area.

Course Objectives

Considering above aspect this short term course is designed to provide an interactive knowledge sharing platform from different eminent speakers in the field on the topics related to recent development and advancement in transportation infrastructure engineering.

About the Course

The IIT Indore is organising a QIP short term course on Advances in Transportation Infrastructure May 02 - 07, 2022. The objective of the course is to familiarise participants with recent advancements related to transportation infrastructure such as planning, design, construction, maintenance and operation of highways, including vehicular, cycle and pedestrian highways and with their effective management. All this must be achieved as sustainably as possible. The course will comprise of lectures and hands-on sessions on the following topics.

• Transportation Planning • Traffic Flow Theory and Modelling • Statistical Applications in Traffic Engineering • Geometric Design and Analysis • Introduction to AutoCAD Civil 3D • Materials, design and optimisation • Construction and maintenance of infrastructure assets • Material sourcing and management • Design standards and procedures. • Economic, environmental and social issues.

Resource Persons

The course will be thought by experts from various renowned institutes like IIT's/CRRI who have extensive experience in this area.

Who can Apply

Faculty teaching in various government funded and private engineering colleges recognised by AICTE, Master's/ PhD students and Industry professionals.

Fee

Registration for this course is completely free.

Selection

Only 100 seats are available for the Course. Participants will be selected from among the applicants to ensure representation from more institutions across the state.

Certification

Participation certificates will be issued by QIP Cell, IIT Indore

How to Apply

Please apply for the course at the url given below. Applicants who are selected for the course will be intimated via email.

Important Dates

Last date to Apply   April 27, 2022
Intimation of selection   April 30, 2022
Confirmation of participation   May 01, 2022

Contact

Please add our email id teiitindore@gmail.com to your address book to receive information from us about the course.

Apply
https://tinyurl.com/QIP-ATI-Registration