

## ORGANIZING TEAM

### Patron and Advisor

**Prof. Pramod Kumar Jain, Director, IIT BHU**

### Chairman

**Prof. Rajiv Prakash, Dean (R&D) IIT BHU**

### Organizing Secretary

Dr. Ankit Gupta and Dr. Nikhil Saboo  
Civil Engineering Department  
IIT (BHU) Varanasi

### Organizing Committee

Prof. P.K Roy; Prof. Vikash Dubey; Dr. R. K Singh; Dr. N.S. Rajput

### NM-ICPS and IDAPT

The National Mission on Cyber-Physical Systems (NM-ICPS) is identified as one such emerging field to have a significant impact on health care, urban transportation, water distribution, energy, urban air quality, manufacturing and governance. The activities envisioned under this Mission will give a impetus to Indian manufacturing via the invention of new products, services and the creation of skilled young human resource from technicians to, researchers and entrepreneurs. It will have modernisation and digitalisation of socio-technical systems and services. The Interdisciplinary Data Analytics and Predictive Technologies (IDAPT) has been regarded as one of the most prominent fields whose progress will add significant impact on various socio-economic issues. At IIT (BHU) five verticals 1) Telecommunications, 2) Power, 3) Road Transport and Highways, 4) Defence Research and Development, and 5) Health and Family Welfare have been identified under IDAPT. The endeavour shall catalyse the creation of skilled young engineers, researchers, technicians, and entrepreneurs, together with human resource at all levels, besides becoming a key contributor to realizing the vision of "Digital India", "Innovate in India", and "Make in India".

## KEY SPEAKERS

	<b>Prof. A Veeraragavan</b> Professor of Civil Engineering IIT Madras
	<b>Prof. K. S. Reddy</b> Professor of Civil Engineering IIT Kharagpur
	<b>Prof. Praveen Kumar</b> Professor of Civil Engineering IIT Roorkee
	<b>Prof. Rajat Rastogi</b> Professor of Civil Engineering IIT Roorkee
	<b>Dr. Devesh Tiwari</b> Senior Principal Scientist CRRI New Delhi
	<b>Dr. R. SRINIVASA KUMAR</b> Associate Professor, Department of Civil Engineering, University College of Engineering Osmania University, Hyderabad- 500007, T.S.
	<b>Dr. Yogesh Shah</b> Assistant Professor, Department of Civil Engineering, Institute of Infrastructure Technology Research and Management, Ahmedabad

**Many more esteemed speakers may also join**

**Note: E-certificates will be provided**

## Data Collection and Analytics in Pavement Management Systems

### Online Short-term Course

**March 01-05, 2021**

**At**



**Supported by**

**A TECHNOLOGICAL INNOVATION HUB  
ON  
INTERDISCIPLINARY DATA ANALYTICS AND  
PREDICTIVE TECHNOLOGY  
(IDAPT)**



## THEME OF SHORT-TERM COURSE

Road agencies (like PWD, NHAI, MoRTH, Municipal Corporation), are collecting performance based field data by either old methods or sometimes new techniques are used. In any case proper and good data collection and data analytics could help and reduce the negative impacts related to crew safety involved during data collection and high cost involved. In one week **online** event which covers invited lectures and hands-on on HDM-4 will try to highlight the importance of data collection, distress identification and data analytics of collected data. It also aims to cover a successful case study of pavement management systems with data analytics. The event will provide an excellent platform to keep up with the cutting-edge techniques on pavement performance data collection and data analytics and predictive technologies approach. We cordially invite you to register for the event.

## INDIAN INSTITUTE OF TECHNOLOGY (BHU) VARANASI

Indian Institute of Technology (BHU) Varanasi is an Institute of national importance created by an Act of the Parliament through the Institutes of Technology (Amendment) Act, 2012. Previously, it was known as IT, BHU. Founded in 1919 as the Banaras Engineering College, it became the Institute of Technology, Banaras Hindu University in 1968. IIT (BHU) Varanasi has 14 departments and 3 inter-disciplinary schools. IIT(BHU) Varanasi has been able to build up the necessary infrastructure for carrying out advanced research and has been equipped with state-of-the-art engineering and scientific instruments.

## ELIGIBILITY

The conference is open mainly to faculty members, scientists, transportation and highway engineers, road authority engineers, consultants, PhD, MTech and B.Tech. students, etc.

## REGISTRATION FEE

**For faculties, scientists and post doctoral fellow:** Rs. 1000/- (non-refundable)

Industry: 4000/- (non-refundable)

**For UG and PG students:** Rs. 500 (refundable)

**Payment may be made by one of the following methods:**

(i) Demand draft In favor of I-DAPT-HUB-FOUNDATION Payable at SBI, IIT(BHU) Varanasi.

(ii) For online payment  
Branch: SBI, IIT(BHU) Varanasi  
IFSC Code: SBIN0011445  
Name: I-DAPT-HUB-FOUNDATION  
Account No: 39818711510

**Note:** Mention payment details in the registration form

## IMPORTANT DATES

Opening of Registration: 06-February, 2021  
Last Date of Registration: 20-February 2021\*

## CONTACT

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## Data Collection and Analytics in Pavement Management Systems

March 01-05, 2021

### Registration form

1. Name (in block letters):
2. Designation:
3. Organization:
4. Address for communication with mobile number and e-mail:  
  
Pin: \_\_\_\_\_ Mobile. No: \_\_\_\_\_  
Fax no: \_\_\_\_\_ E-mail: \_\_\_\_\_
5. Academic Qualifications:
6. How this participation is useful for you
7. Payment details (DD Number/online payment reference with amount and date):

Place: \_\_\_\_\_  
Date: \_\_\_\_\_ Signature of the applicant

**Note:** Please send the soft copy of the form on [ankit.civ@iitbhu.ac.in](mailto:ankit.civ@iitbhu.ac.in)  
Photocopy of the form may also be used.

The decision about the final selection is by course convener/organizing committee

**List of selected participants will be informed by 22-February 2021**