WHO CAN PARTICIPATE

This workshop is specifically designed for UG/ PG/PhD students, researchers, faculties and technical staffs from the branches of engineering/ Science who are interested in the supply chain digitization. The course course is designed to equip professionals with the knowledge and skills necessary to revolutionize traditional supply chains through digital technologies.

REGISTRATION

Name:_____

Designation:_____

Institute:_____

Address:_____

_____

_____

Email ID: _____

Contact No:_____

Undertaking:

I shall abide by rules and regulations and shall attend course. Failing which certificate may not be issued.

_____

Signature of Participant

CONTACTS

Dr. Saurabh Pratap
(Coordinator)
Assistant Professor
Department of Mechanical Engineering
Indian Institute of Technology (BHU), Varanasi
Email ID:- saurabh.mec@itbhu.ac.in

ABOUT NM-ICPS

The National Mission on Cyber-Physical Systems (NM-ICPS) is a new subject that is currently being developed. It has a substantial effect on the provision of medical care, urban transportation, the distribution of water, and the production of energy. The goals of this Mission are to revitalise India's industrial sector by encouraging the creation of innovative products and services and the attraction of young people with the requisite expertise in fields like technology, science, and business. Sociotechnical tools and services will also be updated and digitalized.

ABOUT IDAPT

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 initiative will catalyse the development of knowledgeable young engineers, researchers, technicians, and entrepreneurs, as well as a human resource at all levels, and it will play a significant role in achieving the goals of "Digital India," "Innovate

Supply chain digitization in IDAPT

IDAPT enhances supply chain operations by integrating advanced data analytics and predictive tools. Learn to utilize big data, AI, IoT, and blockchain to optimize supply chain processes, improve decision-making, and increase operational efficiency. By understanding and applying these interdisciplinary technologies, professionals can transform traditional supply chains into agile, transparent, and resilient systems. Ideal for supply chain managers, IT specialists, and business analysts, this course bridges the gap between technology and supply chain management.

Short Term Course on

Digital Transformation in Supply Chains: Mastering Operations for the Future

A TECHNOLOGY INNOVATION HUB
ON
INTERDISCIPLINARY DATA ANALYTICS AND PREDICTIVE TECHNOLOGY (IDAPT)
Under
NATIONAL MISSION ON INTERDICIPLINARY CYBER PHYSICAL SYSTEM (NM-ICPS)

PM GatiShakti
National Master Plan for Multi-Modal Connectivity

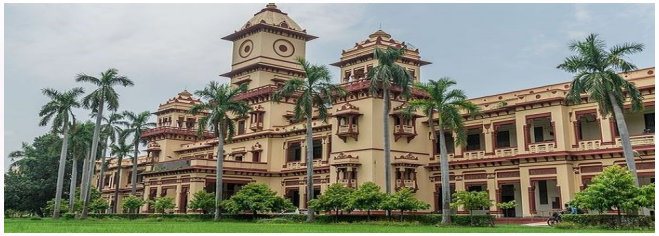
DATA ANALYTICS AND PREDICTIVE TECHNOLOGIES
I-DAPT HUB FOUNDATION
Indian Institute of Technology (BHU) Varanasi

भारतीय प्रौद्योगिकी संस्थान (का.हि.वि.) वाराणसी
योगः कर्मसु कौशलम्
INDIAN INSTITUTE OF TECHNOLOGY (B.H.U.) VARANASI
संस्कार ही शिक्षा EDUCATION IS CHARACTER

18th Oct – 23nd Oct 2024

Coordinators:- Dr. S. Pratap

ABOUT INSTITUTE



The Indian Institute of Technology (Banaras Hindu University) owes its existence to Mahamana Pandit Madan Mohan Malviya, Bharat Ratna-the founder of the first residential university of modern India, the Banaras Hindu University. The three of the erstwhile engineering colleges of BHU, namely BENCO, MINMET and TECHNO, were merged to form the Institute of Technology (IT-BHU) in 1968 to provide an integrated educational base. The IT-BHU has been admitting students through the JEE conducted by the IIT's since 1972, and has been consistently ranked amongst the top few engineering institutions of the country. IT-BHU became IIT (BHU) in June 29, 2012 by an Act of Parliament. The Institute has maintained high academic standard since its inception. It has turned out luminary engineers and administrators who served the nation with great distinction.

ABOUT MECHANICAL DEPARTMENT

The Department of Mechanical Engineering came into existence in 1919 under the leadership of Professor Charles A. King, the first Head of the Department and Principal of the erstwhile Banaras Engineering College. Over the last ninety nine years, the department has grown four folds to become the largest department in IIT (BHU),. Varanasi. The post-graduate and doctoral program in the department is well-established and infrastructural facilities exist for studies and research for a range of specialisations such as Machine Design, Thermal and Fluid Engineering, Production Engineering and Industrial Management.

EMINENT SPEAKERS

Dr. Nitin Seth (Director CEFIPRA, India)

Prof. Lohithaksha M Maiyar (IIT Hyderabad)

Prof S P Singh (IIT Delhi)

Dr Tanmoy Kundu (IIM Indore)

Dr D G Mogale (Cardiff Business School)

Prof Mhd K HABIBI (Rennes Business School, France)

Dr Alok Patel (Udaan Pvt Ltd)

Prof Vijay K Manupati (IIM Mumbai)

Dr Sunil Luthra (Director AICTE)

Prof Krishna Kumar (IIM Ranchi)

Prof Yash Daultani (IIM Lucknow)

Prof Lakshay (IIT BHU)

COURSE CONTENTS (Tentative):

Course Overview

The Supply Chain Digitization course is designed to equip professionals with the knowledge and skills necessary to revolutionize traditional supply chains through digital technologies. This course covers the latest trends, tools, and techniques essential for transforming supply chains into efficient, transparent, and agile systems.

Course Objectives

- Master big data analytics for enhanced supply chain visibility and predictive insights.
- Utilize AI and machine learning to optimize decision-making and operational efficiency.
- Implement IoT for real-time monitoring and management of logistics and inventory.
- Integrate blockchain to secure transactions and enhance supply chain transparency.
- Transform traditional supply chains into agile and resilient systems.
- Develop strategies for managing and optimizing digital supply chains

REGISTRATION DETAILS

Registration link : https://forms.gle/xx2xHeGtNz4t1Jkg6

Last Date of Registration: 10th Oct 2024

Registration Fees:

For faculties, scientists and post doctoral
Fellow: Rs. 2360 (including GST)
Industry: Rs. 4720 (including GST)
For UG and PG students : Rs. 690 (including GST)

Payment may be made by one of the following methods:

(i) Demand draft In favour of I-DAPT-HUBFOUNDATION
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: 40298890505

Course Mode: Hybrid Mode

In case of any difficulty you can contact us at

saurabh.mec@iitbhu.ac.in