



Online Faculty Development Programme on Industry 4.0 Technologies: Applications in Manufacturing Supply Chain May 02 – May 13, 2022

Organized by: E&ICT Academy, NIT Patna

Objective and Scope

This course aims to provide basic knowledge and foundation on Industry 4.0 technologies such as Automation, Smart factory, Internet of things (IoT), Block chain, Data analytics, Simulation, Artificial Intelligence, and Machine learning, and their impact on supply chain management.

Course Contents

- Overview of supply chain management (SCM)
- Overview of Industry 4.0
- Industry 4.0 Technologies in supply chain and logistic management
- Concept of smart factory
- Application of blockchain in the SCM
- IoT in the supply chain management
- Application of data analytics in the SCM
- Application of artificial intelligence in the SCM
- Application of machine learning in the supply chain
- Optimization in SCM
- Research writing

Key Features

- Online lecture sessions by experts from academia and industry
- Hands-on sessions and case study on Industry 4.0 technology applications to SCM
- Follow up sessions and discussion forum on research problems and internships

Last Date for Registration:
April 30, 2022

Coordinators

Dr. Sonu Rajak, NIT Patna
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Speakers

- Prof. Anil Kumar Agrawal, IIT BHU
- Dr. Balaji Venkataraman, President, TVS Sensing Solutions
- Prof. Vikas Kumar, Bristol Business School, UK
- Dr. Anbanandam Ramesh, IIT Roorkee
- Dr. Sunil Luthra, Director, CRSSIET
- Dr. Anil Kumar, London Metropolitan University, UK
- Dr. Lohithaksha Maniraj Maiyar, IIT Hyderabad
- Dr. Saurabh Pratap, IIT BHU
- Dr. Ramesh Krishnan, IIM Kozhikode
- Dr. Manavalan Ethirajan, Delivery Manager, Kinaxis Inc

Course Fee Details

Academic (Student/Faculty): 500 INR
Industry People/Other: 2000 INR
Foreign Participants: Euro 50

Online payment details:

Bank Name: Indian Bank/Allahabad Bank
Account Name: NIT Patna
Account No.: 50380476798
IFSC Code: IDIB000B810

Link for Registration: <http://surl.li/bqndk>



For more details and application form visit:

<http://www.nitp.ac.in/ict/index.php>

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