

# Lecture Series on AI for Supply Chain Management

13<sup>th</sup> March 2024 (11 am - 1 pm),  
Seminar Room, CS Dept., SoE

## Resource Persons:

### Prof. Dinesh Kumar

Retired Professor (HAG),  
Department of Mechanical  
and Industrial Engineering,  
IIT Roorkee.



### Mr. Utkarsh Mittal

Manager, Machine  
Learning and Automation,  
GAP Inc., USA.



For registration, please scan the QR code:



SCAN ME



Organized by:  
**Department of Mechanical  
Engineering,  
Tezpur University,  
Napaam, Tezpur - 784028,  
Sonitpur, Assam**

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## **Chief Patron:**

**Prof. Shambhu Nath Singh**, Hon'ble Vice Chancellor,  
Tezpur University (TU)

## **Advisors:**

**Prof. P.P. Sahu**, Dean, School of Engineering, TU

**Dr. P.M. Kalita**, HoD, Mechanical Engg. Dept., TU

## **Coordinators:**

**Dr. Sanjib Banerjee**

Associate Professor, Mechanical Engg. Dept., TU  
Email: sanjibb@tezu.ernet.in

**Mr. Rakesh Bhadra**

Assistant Professor, Mechanical Engg. Dept., TU  
Email: r.bhadr@tezu.ernet.in

## **About Department of Mechanical Engineering, Tezpur University:**

Tezpur Central University was established by an Act of Parliament in 1994. It offers employment oriented and interdisciplinary courses to meet the local and regional aspirations and also offers courses and promotes research in areas which are of special and direct relevance to the region and in emerging areas in Science and Technology. Mechanical Engineering (ME) is one of nine departments under School of Engineering (SoE) of Tezpur University, which was established in the year, 2006. Presently the department is offering B.Tech. M. Tech. and Ph.D program. It's B.Tech. and M.Tech. programs are approved by AICTE. The department aims at producing skilled human resources for the industry and conducting cutting-edge research. The department has various laboratories with state-of-the-art facilities, one central workshop with all kinds of machineries.

In addition to these, there are other common facilities of Computer Centre, Seminar Hall, Lecture Gallery, Video Conferencing room *etc.* for the students of School of Engineering.

## **About the Workshop:**

This one-day workshop is designed for both undergraduate and postgraduate students, as well as faculty members of the institute. Its goal is to equip participants with fundamentals of Supply Chain Management, as well as advanced tools in Artificial Intelligence (AI) relevant to this field.

This workshop delves into the intricacies of supply chain management. Through interactive sessions, participants will develop a robust understanding of complex technical concepts and the transformative impact of AI on the field. By addressing real-world industry scenarios, participants will learn to apply their knowledge and harness the potential of AI in supply chains. This entails mastering techniques for predicting demand patterns, optimizing inventory management, and streamlining production processes to facilitate agile decision-making. Ultimately, participants will leave equipped with the tools to navigate dynamic markets, minimize lead times, and enhance their competitive edge seamlessly. The topics that are to be covered are as follows:

- a) Role of Supply Chain in Improving the Performance of the Industry
- b) Revolutionizing Supply Chains Through Generative AI

## **Registration and e-certificate:**

- UG / PG / Ph.D students / Interested faculty members from School of Engineering and Dept. of Business administration, TU, are eligible for registration.
- No registration fees
- Participants will be provided e-certificates through their registered E-mail IDs on successfully completing the workshop.

## **Important dates:**

**Opening date of registration: 7<sup>th</sup> March, 2024.**

**Last date of registration: 11<sup>th</sup> March, 2024 (or maximum of 70 seats, whichever comes earlier)**

**Intimation of selected participants: 12<sup>th</sup> March, 2024.**