

COURSE OVERVIEW

Considering the emergence of the climate economy, it is imperative for firms to understand the current complexities to mitigate and envisage future possibilities. Acquiring necessary skills and knowledge to create resilient supply chains can prepare the businesses to be viable during global and local interruptions. The field of supply chain management is undergoing significant transition such as technology intervention, circularity, carbon neutrality and many traceability issues. Additionally, it is crucial for enterprises to recognise the distinct possibilities and build supply chain resilience for attaining a competitive edge by taking proactive measures. Presently, organisations are experiencing enormous regulatory and investors' pressure including the emergence of disruptive technologies, escalation of social and environmental concerns. As a result, there is a growing need for organisations engaged directly or indirectly in supply chain to reassess their operational strategies and leverage cutting-edge technology in order to establish efficient, effective and capable of withstanding disruptions supply chain with strong focus on resilience.

This course will provide an innovative outlook of recent developments in the field of supply chain, logistics and procurement management, as well as help to explore various opportunities for future interventions in the given field. Furthermore, this course will provide exposure to the continuing transformation of the sector through the utilisation of novel business models, integrated supply chain analytics, identifying key performance indicators (KPI) of modern supply chains with the latest technologies. Upon completion of this course, you will possess the necessary resources and skills to effectively enact significant transformations within your position and the larger organisational context in the field of supply chain management.

TEACHING FACULTIES



Prof. Usha Ramanathan (PhD, MSc, BEd, MBA, SFHEA, CMILT)

Professor Usha Ramanathan, PhD, MSc, BEd, MBA, SFHEA, CMILT, is a distinguished academic specializing in sustainability, supply chains, and operations management. Currently, she is a Professor at the University of Sharjah, UAE, and a Visiting Professor at Nottingham Business School, UK. She has held significant roles at Ajman University, the University of Bedfordshire, and Northumbria University. With a PhD from the University of Nottingham and an MBA from ICAI University, her research in supply chain sustainability, risk management, and resilience has earned substantial funding from prestigious bodies like the British Academy and the European funding. She has published extensively in top journals and contributed to projects like REAMIT. Recognized for her academic and managerial contributions, she is a member of the EPSRC Associate Peer Review College and the Editorial Review Board of the International Journal of Operations and Productions Management. She is an Associate Editor at Benchmarking: An International Journal. Her extensive research experience and successful grant management highlight her commitment to advancing her field.



Prof. Manvendra Pratap Singh (Course Coordinator) (PhD, MBA)

Dr. Manvendra Pratap Singh is an Assistant Professor at the School of Management, NIT Rourkela, specializing in sustainability, educational technology, and ESG. With a PhD in sustainability studies from NIT Durgapur, his career spans roles at Sri Sri University, and Galgotias Educational Institutions. Dr. Singh has extensive experience in sustainability, particularly with MSMEs, and has published in esteemed journals like the International Journal of Entrepreneurship and Small Business, International Journal of Sustainable Development, etc. He is handling projects in the field of ESG reporting. His professional journey includes industry experience as well, having worked with HDFC Bank and Bharti Airtel.



GIAN Course on

Resilient Supply Chains and Sustainability

November 29th-December 3rd, 2024

Course Instructor

Prof. Usha Ramanathan (PhD, MSc, BEd, MBA, SFHEA, CMILT)

Professor, Management Department,
College of Business Administration,
University of Sharjah, UAE
Visiting Professor, Nottingham Business School,
Nottingham Trent University, UK



School of Management
National Institute of Technology, Rourkela
Odisha-769008, India

COURSE COORDINATOR

Dr. Manvendra Pratap Singh
Assistant Professor
School of Management
National Institute of Technology, Rourkela,
Odisha-769008

COURSE CONTENTS

- Introduction to Supply Chain Management
- Supply chain network/collaboration design
- Smart technologies in logistics management
- Sustainable approaches, including circularity
- Big data analytics
- Sustainable Development Goals (SDG)
- Environmental, Social and Governance (ESG)
- Case Studies

OBJECTIVES

- To familiarize participants with the significance of sustainable supply chain management within the context of Eco-conscious Business.
- To enhance participants' confidence and proficiency in utilizing tools and techniques of Supply Chain Management (SCM). Additionally, it explores the potential of innovation and design in achieving sustainable supply chains.
- To expose participants to real-world issues and answers through case studies and active projects in the circular economy and sustainable supply chains. To understand sustainability through Life Cycle Analysis (LCA) calculations
- To facilitate learner knowledge and curiosity about sustainable supply chains, online shopping, and their relations with Business performance.

WHO CAN ATTEND?

- Executives, management trainees, and researchers from supply chains and logistics organizations.
- Students at all levels (Management/Social Science/ PhD) or Academicians from reputed academic institutions and technical institutions.

IMPORTANT DETAILS

- Course Schedule: November 29th-December 3rd, 2024
- Last date for course registration: November 15th, 2024
- Confirmation of successful registration by mail: November 17th, 2024
- Last date for fee submission (Only for selected participants): November 22nd, 2024
- Confirmation of successful payment & other details by mail: November 24th, 2024
- Venue: Offline Mode (NIT Rourkela)
- Certificates will be provided.

ACCOMMODATION

Participants can be provided accommodation in the institute guest house inside the campus on a payment basis as the registration fee does not include lodging. Limited accommodation is available at the institute guest house which may be provided on first-cum-first serve basis (twin-bed sharing basis).

REGISTRATION FEE

Students (MBA/PhD): Rs 1000 + 18% = Rs 1180

Faculty: Rs 2000 + 18% = Rs 2360

Corporate: Rs 2500 + 18% = Rs 2950

*Payment should be made only after receiving the registration confirmation mail from NIT Rourkela.

FEE PAYMENT DETAILS

Payment through NEFT Transfer to the following account details:

Name of the Beneficiary: Continuing Education NIT Rourkela;

Name of Bank: State Bank of India; Branch Code: NIT Rourkela;

Branch Beneficiary Account No.: 10138951784;

Bank MICR Code: 769002007;

Bank IFS Code: SBIN0002109.

REGISTRATION LINK

<https://forms.gle/tYUDNW6qq8thJaqt8>

REGISTRATION PROCESS

The following are the steps:

Step 1: Fill out the online Google form by using the above link to complete the course registration process.

*Participants registering early will be given preference in the shortlisting process.

Step 2: Selected participants will receive a confirmation mail of their course registration from the institute with a fee payment link.

Step 3: Selected participants will pay the fees as per their eligibility criteria by using a fee payment link.

*Participants should upload their pdf of the registration confirmation & institute ID card in the Google link.

Step 4: Participants will receive a confirmation mail of their fee payment and other details from the institute.

STUDENT COORDINATORS (CONTACT DETAILS)

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