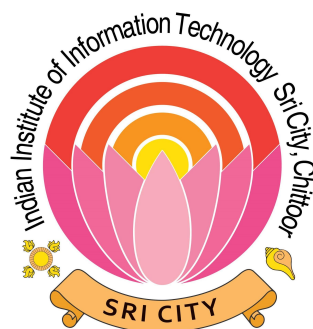




**AICTE Training and Learning Academy (ATAL)  
SPONSORED  
FACULTY DEVELOPMENT PROGRAM**

**Supply Chain Management: Opportunities and  
Challenges for Academicians, Scientists &  
Technologists**

**Organized By**



**Indian Institute of Information Technology Sri City  
[www.iiits.ac.in](http://www.iiits.ac.in)**

## **About the FDP**

IIIT Sri City, being a technological institute of national importance, aims to bring together experts from the field of supply chain management to impart sound domain knowledge and associated skills to faculties in the identified areas of PM GatiShakti. The FDP focuses on identifying and improving the role of information technology in supply chain and logistics management.

## **Target Audience**

The technocrats from academia and industry, including faculties, PG/Ph.D. students, and researchers, who are interested in learning the technical tools required for improving supply chain management.

## **FDP Platform/Venue**

The current FDP will be in blended mode. Theory and practical sessions (week 1) will be in offline mode. Detailed lectures and advanced sessions (week 2) will be in online mode.

## **Topics**

Introduction to Machine Learning; Machine Learning using Python; Introduction to Deep Learning; Introduction to Data Analytics; Introduction to GIS; Introduction to Supply Chain and Data Analytics/ Optimization techniques; An overview of multi-criteria decision techniques; Practical Session on Machine Learning & GIS; Introduction to Supply Chain Management; Different Aspects of Supply Chain Management; Role of Technology in Supply Chain Management; GIS for Supply Chain management; Machine Learning for Supply Chain Management

## **Speakers**

Prof. S P Sarmah, IIT Kanpur; Prof. N Viswanathan, IISc Bangalore; Prof. Pankaj Dutta, IIT Bombay; Prof. Usha Mohan, IIT Madras; Prof. Hema Date, NITIE, Bombay; Mr. Deepak Choksi, BhugolGIS; Dr. Sameer Saran, ISRO; Dr. Gaurav Dixit, IIT Roorkee; Dr. Saurabh Pratap, IIT (BHU); Prof. Alok Porwal, IIT Bombay; Dr. Chandrasekhar V, Samsung India; Mr. Maitreya Mohan Sahoo, IIT Bombay; Dr. Rakesh Kumar Sanodiya, IIIT Sri City; Dr. Arun P V, IIIT Sri City.

## Schedule

Offline FDP		
	FN Session	AN Session
14/03/2023	Introduction to ML (Dr. Chandrasekhar, Samsung)	Introduction to ML (Dr. Chandrasekhar, Samsung)
15/03/2023	Introduction to GIS (Dr. Arun P V, IIT Sri City)	ML Assignment
16/03/2023	Introduction to Deep Learning (Dr. Rakesh Kumar Sanodiya, IIT Sri City)	DL Assignment
17/03/2023	Practical Session on GIS (Mr. Maitreya Mohan Sahoo, IITB)	Assignment & Discussion
18/03/2023	Practical Session on GIS (Bhugol GIS)	Discussion & Validation

Online FDP		
	4.00 PM - 5.00 PM	5.00 - 6.00 PM
20/03/2023	Introduction to Supply Chain Management (Prof. S P Sarmah, IIT Kanpur)	Introduction to Supply Chain Management (Prof. N Viswanath, IISc, Bangalore)
21/03/2023	Different Aspects of Supply Chain Management (Prof. Pankaj Dutta, IIT Bombay)	Role of Technology in Supply Chain Management (Prof. Usha Mohan, IIT Madras)
22/03/2023	Introduction to Data Analytics (Prof. Hema Date, NITIE, Bombay)	Introduction to GIS (Mr. Deepak Choksi, BhugolGIS)
23/03/2023	GIS for Supply Chain Management (Dr. Sameer Saran, ISRO)	Supply Chain & Analytics (Dr. Saurabh Pratap, IIT (BHU))
24/03/2023	An overview of multi-criteria decision techniques (Dr. Gaurav Dixit, IIT Roorkee)	Case study
25/03/2023	Introduction to Machine Learning (Prof. Alok Porwal, IIT Bombay)	Discussion on PM Gati Shakti

## Coordinators

**Coordinator:** Dr. Arun P V, Asst. Professor, IIT Sri City, Email: [arun.pv@iiits.in](mailto:arun.pv@iiits.in), Mob: 8828290930

**Co-coordinator:** Dr. Rakesh Kumar, Asst. Professor, IIT Sri City, Email: [rakesh.s@iiits.in](mailto:rakesh.s@iiits.in)