PM GatiShakti Scheme

AICTE Training And Learning (ATAL) Sponsored Two Weeks Faculty Development Programme on

Digital Supply Chain

10th – 15th October 2022 (Online)
17th-21st October 2022 (Offline)

Organized by
Department of Computer Science and Engineering

National Institute of Technology Silchar, Assam-788010

About the Institute

National Institute of Technology, Silchar is one of the 31 National Institutes of Technology of India and was established in1967 as a Regional Engineering College in Assam. In 2002, it was upgraded to the status of National Institute of Technology and was declared as Institute of National Importance under the National Institutes of Technology Act, 2007. NIT Silchar is a fully residential campus situated on the banks of river Barak and on a sprawling campus spread over 625 acres of land surrounded by scenic tea gardens on the outskirts of Silchar. NIT Silchar has secured 38th rank in Engineering and 76th rank under Overall Category in NIRF 2022.

NIT Silchar is ranked at 5th in India and 200 in UI GreenMetric World Unversity Rankings 2020, out of 922 Universties from 84 Countries. NIT Silchar has been ranked in the rank band 601-800 for both Engineering and Physical Sciences in the prestigious Times Higher Education World University Ranking in 2021.

COMMITTEE

Chief Patron
Prof. Sivaji Bandyopadhyay
Director, NIT Silchar

Patron
Dr. Saroj Kumar Biswas
HoD, CSE, NIT Silchar

Coordinator
Dr. Malaya Dutta Borah, NIT Silchar

Co- Coordinator
Dr. Anish kumar Saha, NIT Silchar

Organizing Committee
Faculty of Computer Science & Engg.

Sponsored by

About the PM GatiShakti Scheme and AICTE Training And Learning (ATAL)

The PM GatiShakti scheme is aimed at breaking the silos between road, rail, air and waterways to reduce travel time, improving industrial productivity, making manufacturing globally competitive, facilitating future economic zones and creating employment.

The AICTE Training and Learning (ATAL) Academy is conducting various Faculty Development Programs for imparting/upgrading faculty knowledge in emerging thrust areas.

For effective implementation of PM GatiShakti, the need of the hour is rigorous, comprehensive and continuous Faculty Training and Development. Considering these challenges and skillsets, ATAL i.e. AICTE's Training and Learning Academy has planned quality Continuous Professional Development Programme for improving the domain knowledge and associated skills.

About the Event
The objective of the Training and workshop is to provide a faculty development programme for faculty/research scholars about the innovations in the foundations, theories, models and applications of Digital Supply Chain. It covers the areas of Supply chain management, Network management, Optimization and Block chain technology. Applications cover the broad areas from agriculture, IT security, health care, manufacturing etc.

Resource Persons
Experts from IITs, NITs, IIM, DTU and Central Universities.

Topics to be covered
- Supply chain management
- Block chain and IT security
- Resource optimization
- Machine learning
- National education policy 2022
- India values & ethos, classroom conduct & behavior
- Research methology
- Life skills such as time and stress management

Important Dates
Last date (Online Registration): 06.10.2022
Confirmation date: First Come First Serve
Event Dates: 10.10.2022 to 21.10.2022

Eligibility
Open to Faculty, Research scholars and PG students.

Registration fees: Nil

No.of seats: 50

Online Registration link:

Follow the steps
1. Signup in the given link as a Role "Participant"
   https://atalacademy.aicte-india.org/signup
2. Then login in the below site
   https://atalacademy.aicte-india.org/login
3. See in the left panel and find "FDPs/CPDPs/Workshop"
4. Select Type "ATAL", Select Month "October", Select Thrust Area "All".
5. Find FDP: Digital Supply Chain, Inst: NIT Silchar.
6. Click in the "+" Symbol and "Confirm".

Contact details

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Online Schedule

Day 1 10/10/2022 (Mon)	Day 2 11/10/2022 (Tue)	Day 3 12/10/2022 (Wed)	Day 4 13/10/2022 (Thu)	Day 5 14/10/2022(Fri)	Day 6 15/10/2022 (Sat)
7:00 – 7:50 Session 1 (I) Dr. Saurabh Agrawal, Delhi Technological University Topic: Future research prospects in supply chain management	7:00 – 7:50 Session 2 (I) Dr. Kiran M., NIT Karnataka, Surathkal Topic: The Crux of Blockchain Technology	7:00 – 7:50 Session 3 (I) Dr. Kiran M., NIT Karnataka, Surathkal Topic: Tracing and Product Authentication in SCM using Block chain	7:00 – 7:50 Session 4 (I) Dr Parwinder Singh, IIT Roper, Topic: Reinventing Classroom Management: A Psychological Perspective	7:00 – 7:50 Session 5 (I) Dr. Manju Kheri, JNU Delhi Challenges and Issues in IoT Security	7:00 – 7:50 Session 6 (I) Dr Dhiman Saha, IIT Bhilai Topic: Introduction to Cryptography in Blockchain Technology
8:00 – 8:50 Session 1 (II) Dr. Saurabh Agrawal, Topic: Future research prospects in supply chain management	8:00 – 8:50 Session 2 (II) Prof. Millie Pant, Topic: Optimization in decision making	8:00 – 8:50 Session 3 (II) Dr. Kiran M., Topic: Tracing and Product Authentication in SCM using Block chain	8:00 – 8:50 Session 4 (II) Dr Parwinder Singh, Topic: Reinventing Classroom Management: A Psychological Perspective	8:00 – 8:50 Session 5 (II) Dr. Manju Kheri, Challenges and Issues in IoT Security	8:00 – 8:50 Session 6 (II) Dr Dhiman Saha, Topic: Introduction to Cryptography in Blockchain Technology
9:00 – 9:30 Session 1 Interactions	9:00 – 9:30 Session 2 Interactions	9:00 – 9:30 Session 3 Interactions	9:00 – 9:30 Session 4 Interactions	9:00 – 9:30 Session 5 Interactions	9:00 – 9:30 Week 1 MCQs

Offline Schedule

Day 1 17/10/2022(Mon)	Day 2 18/10/2022 (Tue)	Day 3 19/10/2022 (Wed)	Day 4 20/10/2022 (Thu)	Day 5 21/10/2022 (Fri)
9:00 – 9:30 Inauguration	9:30 – 12:00 Session 9 Prof. Mokaddes Ali Ahmed, NIT Silchar Topic: National Education Policy (NEP) 2020 Implementation	9:30 – 12:00 Session 10 Prof. Pinaki Mitra, IIT Guwahati Topic: Resource Optimization	9:30 – 12:00 Session 12 Prof. Promod Kumar Patowari, NIT Silchar Topic: Research Methodology	9.30-12.00 Session 14 Prof. Arup Barman, Assam University Topic: Life Skills such as time & stress management
9:30 – 12:00 Session 7 Dr. Sudip Dey, NIT Silchar Topic: Mitigating Uncertainty in SCM – A Digital Approach	12:00 – 1.00 Teaching Practice	12:00 – 1:00 Article 2 Discussion	12:00 – 1:00 MCQs	12.00-1.00 Visit Report (Team)
12:00 – 1:00 Lunch	1:00 – 2:00 Lunch	1:00 – 2:00 Lunch	1:00 – 2:00 Lunch	1.00-2.00 Lunch
1:00 – 3:30 Session 8 Dr. Rabindra Narayan Mahapatra Topic: Supply Chain and Reverse Supply Chain Management	2:00 – 2:30 Travel for Industry Visit (Tea Processing Unit)	2:00 – 4:00 Session 11 Prof. Pinaki mitra Topic: Resource Optimization	2:00 – 4:00 Session 13 Dr Saroj Kumar Biswas, NIT Silchar Topic: Machine Learning	2.00-3.00 Reflection Journal
3:30 – 4:30 Article 1 Discussion	2:30 – 4:30 Visit	4:00 – 5:15 Teaching Practice	4:00 – 5:15 Teaching Practice	3.00-4.00 Feedback
	4:30 – 5:00 Travel back			4.00-5.00 Valedictory