

ABOUT THE INSTITUTE

Established in 1955 by the visionary industrialist Mr. BM Birla, BIT Mesra was founded with a clear vision to offer its young minds space, where their imagination could take wings and the fruition of their ideas. Birla Institute of Technology, Jaipur Campus is an integral part of Birla Institute of Technology, Mesra (Ranchi), it was established in 1995. The focus of the institute is to provide quality education in Engineering, Applied Sciences and Management with technology and professional exposure through innovative programmes & practices. With excellent performance, progressive mind set and good will earned, it is today one of the leading institutes in the field of Engineering, Applied Sciences and Management. BIT Jaipur Campus is running various programmes at levels of Doctoral Research, PG courses such as MCA, M.Sc. (Animation & Design), M.Sc.(Bioinformatics & Computational Biology) and UG courses such as B.Tech.(CSE, AI, ECE, EEE), BCA, BBA, B.Sc.(Animation & Multimedia). The campus is well located in the southern-east part of the city which is an upcoming hub of important installations and development activities in residential, institutional and business areas. The campus is within 5-7 km reach from the airport , railway station and bus stand.

BIT Mesra Website

<https://bitmesra.ac.in/>

BIT Mesra Jaipur Off-Campus Website

<https://bitmesra.ac.in/5>

PATRONS

Prof. Indranil Manna
Vice Chancellor
BIT Mesra, Ranchi

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Dr. Peeyush Tewari
Director
BIT Mesra Jaipur Off- Campus

FDP COORDINATOR

Dr. Pankaj Gupta



FDP CO-COORDINATOR

Dr. Madan Mohan Agarwal



ADVISORY COMMITTEE BIT MESRA

Dr. Ashoke Sheron
Dean (Faculty Affairs)

Dr. C. Jeganathan
Dean (Research, Innovation, Entrepreneurship)

Dr. Supratim Biswas
Head, Department of Computer Science and Engineering

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Registration Link: <https://atalacademy.aicte-india.org/login>
(Registered participants can directly log in and APPLY (+) for ATAL FDP id 1730806249)

AICTE TRAINING AND LEARNING (ATAL)

ACADEMY

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ATAL FDP id 1730806249

ONLINE FACULTY DEVELOPMENT PROGRAM

ON

**Blockchain Governance
Structures and Trust: From
Theory to Practice**

23rd – 28th DECEMBER 2024



2024-2025

Platinum Jubilee Year Celebration

Organized by

BIRLA INSTITUTE OF TECHNOLOGY,
MESRA, RANCHI
JAIPUR OFF-CAMPUS, JAIPUR
RAJASTHAN, INDIA - 302017

ABOUT THE FACULTY DEVELOPMENT PROGRAM

The Faculty Development Program (FDP) on Blockchain Governance Structures and Trust: From Theory to Practice is designed to equip educators with in-depth knowledge of blockchain technology and its governance models. The program bridges theoretical frameworks with real-world applications, focusing on trust mechanisms, decentralized systems, and blockchain governance structures. Participants will gain insights into how blockchain can transform industries by enhancing transparency, security, and accountability. Through a combination of lectures, case studies, and practical sessions, the FDP aims to empower faculty to incorporate blockchain concepts into their teaching and research, fostering innovation and collaboration.

The six-day course content is designed in a way that the candidates with basic knowledge can attend the course and will be able learn and gain. The topics to be covered are :

- Introduction to Blockchain Governance Models
- Trust Mechanisms in Blockchain Networks
- On-Chain Governance: Theory and Applications
- Off-Chain Governance and Its Impact on Trust
- The Role of Consensus Mechanisms in Governance
- Decentralized Autonomous Organizations & Governance
- Governance Challenges in Public vs Private Blockchains
- Legal and Regulatory Frameworks Impacting Blockchain Governance
- The Role of Smart Contracts in Blockchain Governance
- Security and Trust in Blockchain Governance
- Governance in Cross-Chain and Inter operable Blockchain Networks
- Building Trust in Blockchain Through Governance Transparency
- Future Directions in Blockchain Governance and Trust

SPEAKERS

Resource persons for Faculty Development Programs (FDPs) come from diverse backgrounds, each bringing specialised knowledge and expertise to enhance the learning experience. These are Academic experts. Industry professionals, Technology experts and leadership trainers.

Speakers Are:

1. Munish Batra
Director (Blockchain Education and Real Estate Tokenisation), Dropledge Tech London, UK.
2. Dr. Neeraj Kr. Shukla
Associate Professor, King Khalid University, Abha, Saudi Arabia
3. Dr. Mahesh Chandra Govil
Director, NIT-Sikkim
4. Dr. Namita Mittal
Associate Professor, MNIT, Jaipur
5. Dr. Harish Sahu
Scientist-E, DRDO
6. Dr. Hemraj Saini
Professor, DIT, Dehradun
7. Chintan Singh Setia
Senior Software Architect, Siemens AG, Bayern, Germany
8. Dr. Poonam Gera
Associate Professor, LNMIIT, Jaipur
9. Dr. Aprajita Pandey
Assistant Professor, BITS Pilani
10. Dr. Sameer Alam
Associate Professor, NTU, Singapore

ELIGIBILITY OF PARTICIPANTS

Faculty members of Higher Academic institutions, research scholars and PG students are eligible to attend the program.

The FDP will be conducted in on-line mode only.

REGISTRATION PROCEDURE

- Participants interested in attending this program need to make online registration using the following brief description.
link - <https://forms.gle/ox>
- Participants must also submit scanned copies of their registration form (available in the brochure), duly signed by respective authorities through mail till 25 November 2024.
- The number of participants is limited to 120. Short-listed candidates will be informed by email. On completion of the program, the certificate of participation will be issued as per the ATAL FDP norms.

ABOUT PROGRAM FEES

- **No Charge for Registration, Course and Certification.**
- **The FDP will be conducted in on-line mode only.**



ATAL Online 6-Day Faculty Development Programmes 2024-25 Schedule

FDP Thrust Area: Advanced Computing

FDP Title: Blockchain Governance Structures and Trust: From Theory to Practice

Start Date: 23 Dec 2024

End Date: 28 December 2024

Day 1 23-12-2024	Day 2 24-12-2024	Day 3 25-12-2024	Day 4 26-12-2024	Day 5 27-12-2024	Day 6 28-12-2024
<p>6:00PM to 6:30PM</p> <p>Inaugural Session</p>	<p>6:00PM to 7:30PM</p> <p>Session 3</p> <p>Topic: On-Chain Governance: Theory and Applications</p> <p>Name of the Expert: Dr. Harish Sahu Designation & Organization: Scientist-E, DRDO</p>	<p>6:00PM to 7:30PM</p> <p>Session 5</p> <p>Topic: The Role of Consensus Mechanisms in Governance</p> <p>Name of the Expert: Dr. Hemraj Saini Designation & Organization: Professor, Dean Faculty Affairs, DIT, Dehradun</p>	<p>6:00PM to 7:30PM</p> <p>Session 7</p> <p>Topic: Governance Challenges in Public vs Private Blockchains</p> <p>Name of the Expert: Prof. Baldev Singh Designation & Organization: Director, Engineering, Science and Technology Dean of Faculty Affaires Vivekananda Global University</p>	<p>6:00PM to 7:30PM</p> <p>Session 9</p> <p>Topic: The Role of Smart Contracts in Blockchain Governance</p> <p>Name of the Expert: Munish Batra Designation & Organization: Director (Blockchain Education and Real Estate Tokenisation), Dropledge Tech UK LTD. The Horton Mix, 86-90 Paul St, London, United Kingdom.</p>	<p>2:00PM to 3:30PM</p> <p>Session 11</p> <p>Topic: Governance in Cross-Chain and Interoperable Blockchain Networks</p> <p>Name of the Expert: Dr. Aprajita Pandey Designation & Organization: Assistant Professor, Department of Economics and Finance, BITS Pilani</p>
<p>6:30PM to 8:00PM</p> <p>Session 1</p> <p>Topic: Introduction to Blockchain Governance Models</p> <p>Name of the Expert: Dr. Mahesh Chandra Govil Designation & Organization: Director – NIT,</p>	<p>7:30PM to 9:00PM</p> <p>Session 4</p> <p>Topic: Off-Chain Governance and Its Impact on Trust</p> <p>Name of the Expert: Dr. Harish Sahu Designation & Organization: Scientist-E, DRDO</p>	<p>7:30PM to 9:00PM</p> <p>Session 6</p> <p>Topic: Decentralized Autonomous Organizations (DAOs) and Governance</p> <p>Name of the Expert: Dr. Poonam Gera Designation & Organization: Associate Professor, CSE, LNMIIT,</p>	<p>7:30PM to 9:00PM</p> <p>Session 8</p> <p>Topic: Legal and Regulatory Frameworks Impacting Blockchain Governance</p> <p>Name of the Expert: Dr. Neeraj Kr. Shukla Designation & Organization: Associate Professor, Electrical Engineering Department, King Khalid University, Abha 61421</p>	<p>7:30PM to 9:00PM</p> <p>Session 10</p> <p>Topic: Security and Trust in Blockchain Governance</p> <p>Name of the Expert: Dr. Sameer Alam Designation & Organization: Associate Professor, School of Mechanical & Aerospace Engineering, NTU, Singapore</p>	<p>3:30PM to 5:00PM</p> <p>Session 12</p> <p>Topic: Building Trust in Blockchain Through Governance Transparency</p> <p>Name of the Expert: Chintan Singh Setia Designation & Organization: Senior Software Architect, Siemens AG, Bayern, Germany</p>

<p>8:00PM to 9:30PM</p> <p>Session 2</p> <p>Topic: Trust Mechanisms in Blockchain Networks</p> <p>Name of the Expert: Munish Batra Designation & Organization: Director (Blockchain Education and Real Estate Tokenisation), Dropledge Tech UK LTD; 86-90 Paul St, London, United Kingdom.</p>	<p><u>No Charge for Registration, Course and Certification</u></p>	<p>5:00PM to 7:30PM</p> <p>Session 13</p> <p>Topic: Future Directions in Blockchain Governance and Trust</p> <p>Name of the Expert:Dr Krishan Kumar Berwal Associate Professor, Department of Informatics Military College of Telecommunication Engineering.</p>
	<p>6:30PM to 7:30PM</p> <p>Online test & feedback</p>	
	<p>7:30PM to 8:00PM</p> <p>Valedictory Session</p>	

Participant NOC Format

Subject: NOC for Attending ATAL FDP

Date: _____

To Whomsoever It May Concern

This letter expresses No Objection to Mr./Mrs./Ms./Dr _____
in attending *SIX days Online FDP on “Blockchain Governance Structures and Trust:
From Theory to Practice” organized by BIT, Mesra, Off-Campus Jaipur* from
23 December to 28th, 2024.

This certificate is issued as per the requirement of AICTE for the successful conduction
of the ATAL Faculty Development Program.

Yours Sincerely,

(Sign & Stamp)

[Head of the Institution/Competent Authority]

[Institute Name and Address]