

ABOUT THE INSTITUTE

Established in 1955 by the visionary industrialist Mr. B. M. Birla, to nurture leaders with thirst of innovation & disruption for a sustainable world. BIT Mesra Lalpur Unit currently offers courses: Master of Business Administration (MBA), Master of Computer Application (MCA), Bachelor of Business Administration (BBA), Bachelor of Computer Application (BCA) programs, and Ph.D. to educate youths for holistic development.

SESSION PLANNING

Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
9:00 - 9:30 Inauguration	9:30 - 12:00 Session 3 Topic: HR analytics and data based decision making Mr. Sumit Banerjee, Chief Human Resources Officer, Star Cement Ltd. Kolkata.	9:30 - 12:00 Session 5 Topic: The Gen AI-Powered Enterprise: Redefining Business for the Future Dr. R. Das, Associate Director, Data and Analytics, PWC, Kolkata.	9:30 - 12:00 Session 7 Topic: Digital Transformation in the Mining Industry: Aligning Global Perspective Dr. Shikhar Dutta, GM (R&D), CMPHI, Ranchi	9:00 - 1:00 Industrial visit Name of the Organization: Central Mine Planning & Design Institute Limited (CMPDI)	9:30 - 12:00 Session 10 Activities: Meditation, Deep Breathing Exercises, Yoga Poses and Stretching Exercises to improve physical and mental well-being. Mr. Aditya Kumar Singh, Chief Instructor of Bharkhand Yoga Association, Referee of Yoga Federation of India.
12:00 - 1:00 Article Discussion	12:00 - 1:00 Article Discussion	12:00 - 1:00 Article Discussion	12:00 - 1:00 Article Discussion		12:00 - 1:00 Article Summary
1:00 - 2:00 Lunch					
2:00 - 4:30 Session 2 Topic: Machine Learning: A Revolution in Transforming Digital Business Dr. Vandana Bhattacharjee, Professor, Department of CSE, BIT Mesra, Ranchi.	2:00 - 4:30 Session 4 Topic: Python: A tool for data Analytics, Machine Learning and Model Explainability. Mr. Sumit Banerjee, Director Gen ML Solutions Pvt. Ltd. Kolkata	2:00 - 4:30 Session 6 Topic: Emerging Technologies in Digital Business: Case Study and Real World Applications. Dr. Chiranjeev Kumar, Professor & Head CSE, IIT(ISM) Dhanbad	2:00 - 4:30 Session 8 Topic: An approach to analyze and Forecast Social media data using Machine Learning Dr. A. Mustafi, Professor and Head, Department of CSE, BIT Mesra, Ranchi.	2:00 - 4:30 Session 9 Topic: Machine Learning and Natural Language Processing in Business Research Dr. Pradipt Kumar Bala, Professor, IIM Ranchi.	2:00 - 4:00 MCQ & Reflection Journal
4:30 - 5:30 Hands on training /Labs	4:30 - 5:30 Hands on training /Labs	4:30 - 5:30 Hands on training /Labs	4:30 - 5:30 Hands on training /Labs	4:30 - 5:30 Hands on training /Labs	4:00 - 5:00 Valedictory Session

PATRONS

Prof. Indranil Manna
Vice Chancellor
BIT Mesra, Ranchi

ORGANIZING CHAIR

Dr. Pranab Kumar
Prof. In-Charge
BIT Mesra, Lalpur Unit, Ranchi

FDP COORDINATOR

Dr. Amrita Priyam

FDP CO-COORDINATOR

Dr. Mahua Banerjee

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Dean (Research, Innovation and Entrepreneurship)
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Dean of Post Graduate Studies
Dr. Sanjay Kumar Jha
Dean of Undergraduate Studies
Dr. Abhijit Mustafi
Head, Department of Computer Science and Engineering

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Dr. Mansi Gupta
Dr. Partha Paul
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Mr. Subhasis Roy
Mr. Manoj Kumar
Mr. Santanu Sinha
Mr. Rana Pratap Mishra

CONTACT US

Department of Computer Science & Engineering
BIT Mesra, Lalpur Unit Ranchi

9431361802 / apriyam@bitmesra.ac.in
9431118743 / mahuabanerjee@bitmesra.ac.in
BIT Mesra Website: <https://bitmesra.ac.in/>
BIT Mesra, Lalpur Unit Ranchi Website:
<https://bitmesra.ac.in/7>

AICTE TRAINING AND LEARNING (ATAL)

ACADEMY

SPONSORED



OFFLINE FACULTY DEVELOPMENT PROGRAM ON

Emerging Trends for Digital Business Transformation

21st - 26th JULY 2025



Platinum Jubilee Year Celebration 2024-2025

ORGANIZED BY

BIRLA INSTITUTE OF TECHNOLOGY
MESRA, LALPUR UNIT, RANCHI 834001,
JHARKHAND, INDIA

ABOUT THE FACULTY DEVELOPMENT PROGRAM

The Faculty Development Program (FDP) on Emerging Trends for Digital Business Transformation is designed to equip the participants with the recent trends in digital transformation of business data. The program bridges the gap between theoretical and practical applications. The participants will gain knowledge in digital business transformation trends related to Artificial Intelligence / Machine Learning in Modeling, Social Media Data Handling, Human Resource Analytics, Mining, Business Research. Through a combination of lectures, articles from reputed journals, case studies and hands-on sessions the FDP will enrich the participants to comprehend the relevance, utility and the future prospects of digital business transformation trends and technologies. The topics to be covered are :-

1. Artificial Intelligence elevating HR to new Heights.
2. Machine Learning : A Revolution in Transforming Digital Business.
3. HR analytics and data based decision making.
4. Python: A tool for data Analytics, Machine Learning and Model Explainability.
5. The GenAI-Powered Enterprise: Reshaping Business for the Future.
6. Emerging Technologies in Digital Business: Case Study and Real World Applications.
7. Digital Transformation in the Mining Industry Aligning Global Perspective.
8. An approach to analyze and Forecast Social media data using Machine Learning.
9. Machine Learning and Natural Language Processing in Business Research.
10. Yoga Activities.
11. Industry Visit.

RESOURCE PERSONS

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.

- * Dr. Pranab Kumar, Professor In Charge
BIT Mesra, Lalpur Unit
- * Dr. A. Mustafi, Professor & Head
Department of CSE, BIT Mesra, Ranchi
- * Dr. Vandana Bhattacharjee, Professor
Department of CSE, BIT Mesra, Ranchi
- * Dr. Chiranjeev Kumar, Professor & Head
Department of CSE IIT(ISM) Dhanbad
- * Dr. Pradip Kumar Bala, Professor IIM Ranchi.
- * Dr. Shishir Dutta, GM, (R&D)
CMPDI, Ranchi.
- * Mr. Samar Banerjee
Chief Human Resources Officer
Star Cement Ltd., Kolkata
- * Mr. Samrat Banerjee, Director
GenML Solutions Pvt. Ltd, Kolkata
- * Dr. R. Das, Associate Director, Data and Analytics
PWC, Kolkata
- * Mr. Aditya Kumar Singh, Chief Instructor of
Jharkhand Yoga Association, Referee of Yoga Federation of India.

ELIGIBILITY OF PARTICIPANTS

Faculty members of Higher Academic Institutions, Research Scholars and PG students are eligible to attend the program.



REGISTRATION PROCEDURE

- Participants interested to attend this program need to make online registration through ATAL FDP Portal. <https://atalacademy.aicte.gov.in/> To Download NOC Document <https://atalacademy.aicte.gov.in/atal-documents>
- Step - by - Step guide: <https://shorturl.at/tLzDT>
- Number of participants is limited to 40. Short listed candidates will be informed through email.
- On completion of the program, the certificate of participation will be issued as per the ATAL FDP

ABOUT PROGRAM FEES

There is no registration fees for participants. Tea and lunch will be provided by the organizers.

ABOUT ACCOMMODATION FACILITY

Accommodation to be arranged by the participants on their own.