



One Week Short-Term Course
on

Decoding Business Insights: AI, Data Analytics and Research Synergies

(Online Mode)

29th May - 4th June, 2025



Department of Computer Science & Engineering
National Institute of Technology Delhi

Jointly organized by

Department of Management Studies
ABV-Indian Institute of Information
Technology and Management, Gwalior

About National Institute of Technology Delhi

National Institute of Technology Delhi (NIT Delhi), is one of the thirty one NIT (s) established in the year 2010 by an act of parliament and has been declared as an Institute of National importance. NIT Delhi is an autonomous Institute that functions under the aegis of Ministry of Education, Government of India. It aims to provide instructions and research facilities in various disciplines of Engineering, Science and Technology, for advanced learning and dissemination of knowledge. At present, in addition to research, consultancy and developmental activities, the Institute offers UG and PG (M. Tech. & Ph.D.) level courses to more than 1000 students in almost all leading fields of Engineering & Technology.



About Department of Computer Science & Engineering

The Department of Computer Science and Engineering, NIT Delhi, was started in 2010 with the intake of 30 which presently has increased to 120. In the year 2023, the Department has introduced a new program for B.Tech in Artificial Intelligence and Data Science with an intake of 27 students. Besides two M Tech programs in CSE and CSE (Analytics), the Department offers Ph.D. programs in various crucial areas, promoting advanced research and scholarly pursuits. The research facilities enabling students and faculty members to explore innovative solutions and advancements in these domains.

About ABV-Indian Institute of Information Technology and Management, Gwalior

Atal Bihari Vajpayee Indian Institute of Information Technology and Management, Gwalior (ABV-IIITM Gwalior), is an apex Information Technology (IT) and Management Institute, established by the Government of India. The Institute's mandate is to create Information Technology enabled Management solutions. The Institute offers various programmes at UG and PG (Masters and Doctoral) level. The Institute's activities are aimed at developing amongst students an inquisitive mind and a culture of camaraderie and research.

About Department of Management Studies

The Department of Management Studies, ABV-IIITM Gwalior, offers academic programmes such as Ph.D., MBA and Integrated Programme in Management with dual degrees of B. Tech, and MBA which aims to inculcate competencies necessary to address contemporary, complex and emerging business challenges. ABV-IIITM Gwalior secured 11th rank in Best B-School in Government institute category by IIRF 2023. The department aims to develop holistic and responsible leaders by creating insightful knowledge and transforming human endeavors through technology-enabled management solutions.



Objective of the Course

The STC on “Decoding Business Insights: AI, Data Analytics and Research Synergies” is designed to empower educators and researchers with the knowledge and skills needed to excel in the dynamic world of data analytics. Many business organizations have realized the role of data analytics in cost savings through data-driven planning and management of activities efficiently and effectively. The objective of this joint STC is to provide participants with a comprehensive understanding of how AI technologies and business analytics can be integrated to enhance decision-making, optimize operations, and drive business growth.

Eligibility

Faculties of various Universities/Institutions, Industry Personals, Scientists and Engineers from R&D organizations, UG, PG, and PhD scholars are eligible to apply in this course.

Topics to be covered

- Introduction to AI and Business Analytics
- Machine learning techniques for data-driven decision making
- Exploratory Data Analysis and Visualization for Business Intelligence
- Predictive Modeling and Forecasting Models
- Natural Language Processing for market research and sentiment analysis
- Process Optimization and Automation
- Cloud Computing for Agile Business Analytics
- Blockchain technology in business analytics
- Big data technologies and their business applications
- Ethical considerations in AI-driven business research

Chief Patrons:

Prof. (Dr.) Ajay K. Sharma, Director, NIT Delhi
Prof. (Dr.) S. N. Singh, Director, ABV-IIITM Gwalior

Conveners:

Prof. (Dr.) Geeta Sikka, Dean Academics & Professor, DoCSE, NIT Delhi
Prof. (Dr.) Gyan Prakash, Professor, DoMS, ABV-IIITM Gwalior

Co-Convener:

Dr. Amit Mahajan, Associate Professor & Head, DoCSE, NIT Delhi

Coordinators:

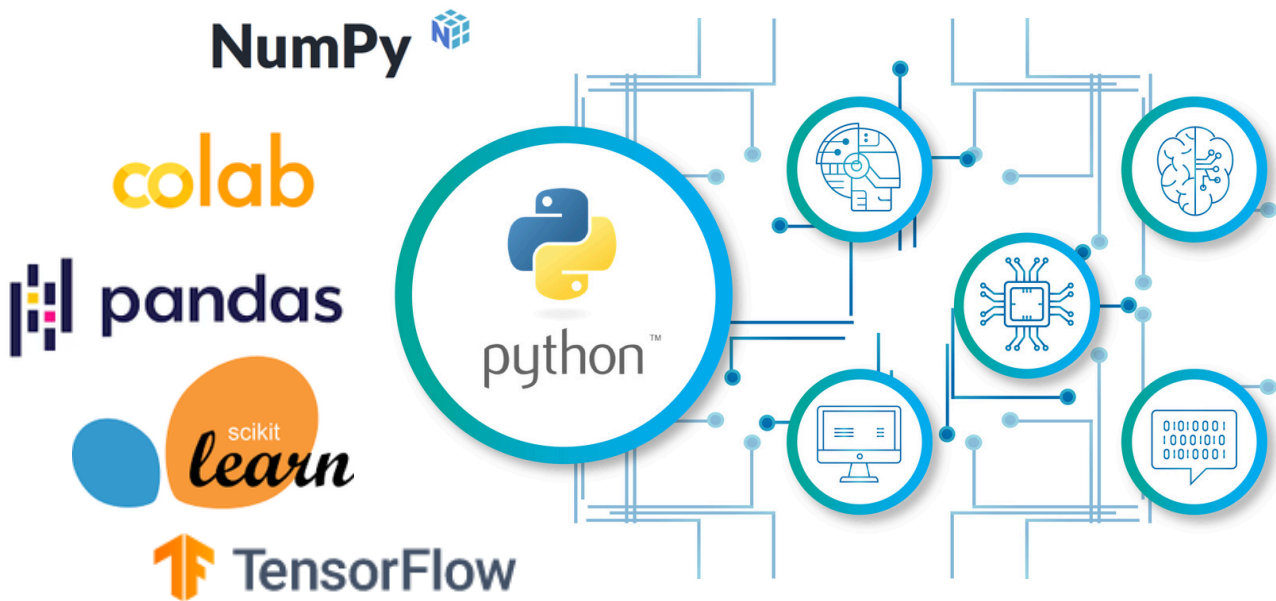
Dr. Amandeep Kaur, Assistant Professor, DoCSE, NIT Delhi
Dr. Sahil, Assistant Professor, DoCSE, NIT Delhi
Dr. Amandeep Kaur, Assistant Professor, DoMS, ABV-IIITM Gwalior

Co-Coordiators:

Dr. Gautum Kumar, Assistant Professor, DoCSE, NIT Delhi
Dr. Gunjan, Assistant Professor, DoCSE, NIT Delhi.

Experts

Many leading resource persons from industry and academic institutions like IIMs, NITs and IIITs will deliver the lectures.



How to apply

For the registration, fill the Google form using . The link for the Google form is given below:
<https://forms.gle/qbrwwBPdPeAjwabr5>

Note: Certificates will be issued to participants after successful completion of the course.

Registration and Fee Details

Participants	Early Bird (in INR)	Late Fee (in INR)
UG/PG/PhD Student	800	1000
Academia	1100	1300
Industry Personals	1800	2000

Mode of Payment

Participants are required to transfer the fee in the following account through UPI /NEFT/ Bank Transfer

Account Name: M/S. National Institute of Technology Delhi
Account No: 092901001915
IFSC Code: ICIC0004610
MICR: 110229379



Fee Concession (For UG/PG/PhD Students)

From Organising institutes: 40%
Active researchers from B-Schools: 20%

Important Dates

Registration Opens	15 th April, 2025
Registration Closes	25th May, 2025
Confirmation to the Applicants	27th May, 2025
Programme Duration	29th May - 4th June, 2025

Contact Persons - NIT Delhi
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