Atal Bihari Vajpayee - Indian Institute of Information Technology and Management, Gwalior
Morena Link Road, Gwalior, 474 015, Madhya Pradesh
(An Institute of National Importance, Ministry of Education, Government of India)

Five Days Faculty Development Programme on
Statistical Modelling, Data Mining and Machine Learning for Management Research
Offered by: Department of Management Studies,
Offered in Hybrid Mode during 02 August 2024 to 06 August 2024

About the institute

Atal Bihari Vajpayee - Indian Institute of Information Technology and Management, Gwalior (ABV-IIITM Gwalior), is an apex Information Technology and Management Institute, of Government of India. The Institute endeavours to carve young minds through quality teaching and state-of-the-art research and develop them as tomorrow's leaders. The Institute's mandate is to create Information Technology enabled Management solutions. The Institute offers various programmes at 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 the department

The Department of Management Studies (DoMS), ABV-IIITM Gwalior, offers academic programmes such as Ph.D., MBA and Integrated Programme in Management with dual degrees of B. Tech, and MBA. ABV-IIITM Gwalior secured 11th rank in Best B-School in Government institute category by IIRF 2023. DoMS imparts competencies to develop technology-enabled management solutions to address business, economic and social challenges.

Programme objectives

- To update and equip academic and industry professionals with advanced knowledge and practical hands-on skill sets in applying statistical modelling-, data mining- and machine learning- driven methodologies to various business contexts and challenges.
- To promote data-driven research methods for effective decision-making in real-world scenarios and addressing ethical challenges along various facets of data analytics.
- To foster innovation, research collaboration, and enhance teaching capabilities for effective classroom delivery.

Indicative coverage

- Making sense of statistics for management research
- Data, models and empirical estimation·
- Data mining techniques
- Machine learning and deep learning
- Classification techniques and regression analysis
- Clustering and association rule mining
- Time series analysis
- Applications in management research: analytics in marketing, operations & supply chain, finance and HR
- Advanced data exploration and data handling with Python
- Generation of interactive business reports
- Future trends and innovation

Target participants

- Faculty members, researchers, and practitioners across all disciplines eager to enhance their data analytics competencies.
- Students (UG/PG/PhD) who wish to pursue research in data analytics/business analytics are highly encouraged to attend.

Resource persons

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

Registration and fee details

Applications are to be filled out online through Google form that needs to be uploaded latest by 26 July 2024. A confirmation mail will be sent to the admitted participants by 28 July 2024.

Registration Link: https://forms.gle/a9J1bt6jrEidPfkU7

The course fee per participant for this FDP is as follows:

- For online participants: Rs. 2,000/-
- For offline participants without accommodation: Rs. 5,000/-
- For offline participants with accommodation: Rs. 8,000/-

Note: Accommodation will be provided on a twin sharing basis.

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

Aaccount Name:	ABV-IIITM FDP Account
Bank:	Bank of India, IIITMG Branch
Account No:	945210110009380
IFSCCode:	BKID0009462
MICR:	474013010

Quick-response code (QR) for registration

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Important dates

Registration Opens	26 June 2024
Last Date for Application	26 July 2024
Confirmation to the Applicants	28 July 2024
Programme Duration	02 August 2024 - 06 August 2024

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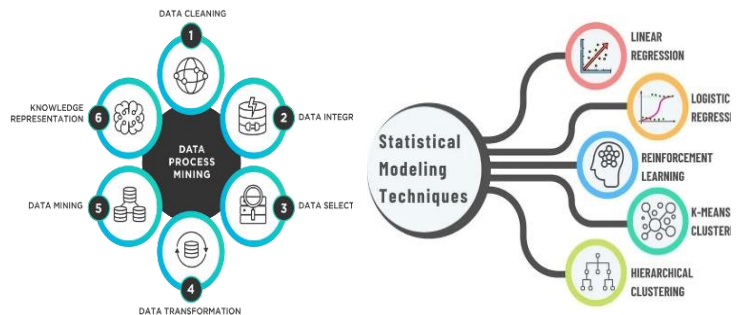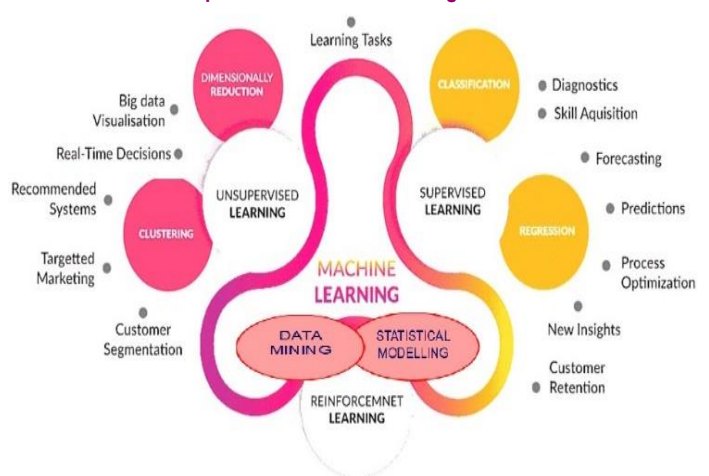
Programme Coordinators: Dr. Amandeep Kaur and Prof. Gyan Prakash
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