

One Week Faculty Development Programme
on
Advanced Data Analytics for Business Research and Teaching

Offered through hybrid mode
(24 May 2024 to 30 May 2024)



विद्यया विनामृतं ज्ञानम्

Organized by

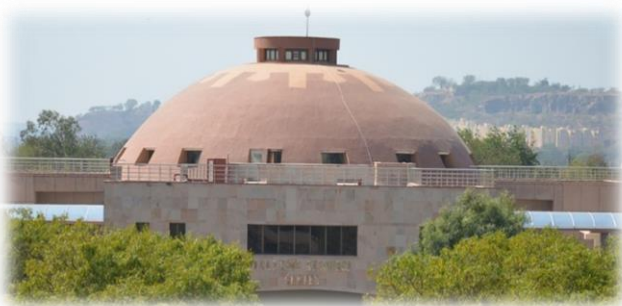
Department of Management Studies

Patron

Prof. S. N. Singh
Director, ABV-IIIITM Gwalior

Program Coordinators

Prof. Gyan Prakash
Dr. Amandeep Kaur



ABV-Indian Institute of Information
Technology and Management Gwalior,
Gwalior- 474 015 (M.P.)
www.iiitm.ac.in

Objective of the Course

The FDP on “Advanced-Data Analytics for Business Research and Teaching” is designed to empower educators and researchers with the knowledge and skills needed to excel in 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 course is to equip academicians and researchers with the tools and expertise necessary to harness the full potential of R, PowerBI and Python in both research and teaching endeavours.

Topics Covered

- Descriptive analytics using Tableau and PowerBI
- Implementation of Python for data analysis
- Data visualization using Python
- Advanced data exploration and data handling
- Understanding statistics and its implementation
- Implementing unsupervised learning algorithms
- Classification and Regression algorithms
- Time series forecasting
- Text mining and unstructured data analysis
- Data Privacy and AI Ethics

Target Participants

- The FDP is designed for Faculty members, researchers, practitioners and educators 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 this course.

Resource Persons

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

About the Department

The Department of Management Studies (DoMS), ABV-IIIITM 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-IIIITM 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 endeavours through technology-enabled management solutions.

About the Institute

Atal Bihari Vajpayee Indian Institute of Information Technology and Management, Gwalior (ABV-IIIITM Gwalior), is an apex Information Technology (IT) and Management Institute, established by the 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. Sprawling across 150 lush green acres on the foothills of Gwalior Fort, the Institute is self-contained with basic amenities for all round development of students. The Institute's activities are aimed at developing amongst students an inquisitive mind and a culture of camaraderie and research.

Registration and Fee Details

Registration Link: <https://forms.gle/M1ND1W83JM82fjJz7>

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.

Mode of Payment

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

Account Name: ABV-IIIITM FDP Account
Address: Bank of India, IIIITM Campus, Gwalior
Account No: 945210110009380
IFSC Code: BKID0009462
MICR: 474013010



Important Dates

Registration Opens	15 th April 2024
Last date for Application	18 th May 2024
Extended date for registration	22nd May 2024
Confirmation to the applicants	22 nd May 2024
Course dates	24 th - 30 th May 2024

Contact Details

Dr. Amandeep Kaur
Contact No: +91-9780566060
Email: amandeepkaur@iiitm.ac.in