



भारतीय प्रबंध संस्थान काशीपुर
Indian Institute of Management Kashipur



EXECUTIVE DEVELOPMENT PROGRAM IN
**FINANCIAL
DATA ANALYTICS**

Online Classes & Campus Immersion

8th Batch



Batch Intake 50 Candidates Only



ABOUT IIM KASHIPUR

The Indian Institute of Management Kashipur is set up with the mission to drive academic excellence using innovative teaching methods, promoting research and practice of sustainable leadership. The institute commenced operations in July 2011 with a vision to become, over the next 10 years, one of the top business schools in India developing leaders who can perform globally. The fraternity diligently follows the core values of mutual respect, lifelong learning, the pursuit of excellence, transparency, and integrity.

The flagship program of the institute are Master of Business Administration (MBA) and Master of Business Administration (Analytics) which are full time, two-year residential programs. The institute also offers a two-year weekend Executive Master in Business Administration (MBA-WX) for working executives. Doctoral Program– PhD and Executive Fellow Program (EFPM) are the two doctoral programs launched in 2015 and 2014 respectively. The faculty at IIM Kashipur represents one of the best mixes of academic and industrial experiences.

The 200-acre campus spreads loudness and cheers in the serene town of Kashipur, nestled in the lap of Himalayas. The vibrant youth converging from across the country has lent life to and energized the beautiful campus. The institute brags of being situated in one of the densest industrialised districts in the nation with more than 180 ventures that have set up their plants in and around the region. This places the institution at a vantage moment when it comes to 'Learning by Doing' through regular industry interaction and live projects.

ABOUT VALUE VIDYA

Value Vidya is one of the leading Ed-Tech startups in India. We partner with top IIMs and global business schools to curate and deliver the best and most relevant executive programs for working professionals. We deliver best-in-class service to our students, which is accomplished by our constant focus on quality, integrity, consistency and customer focus. Our state-of-the-art Learning Management System (LMS) ensures a smooth and high quality learning experience for professionals. Learn from anywhere and take your career to the next level with Value Vidya.



ABOUT THE PROGRAM

The course on Financial Data Analytics is specially designed for working professionals from the domains of Financial Modelling and Predictive Modelling. This course is full of hands-on exercises to get an in-depth understanding of advanced techniques that can help the participant to solve complex financial problems in an easy and structured way. The modules related to Financial Modelling (FM) exposes the participants to the financial statement analysis and their interlinking, Equity and bond analysis, Valuation of equity and business (firm), basic portfolio analysis, project finance modelling, risk-return modelling, capital structure analysis, dividend policy and derivatives analytics. The module on Predictive Modelling (PM) will cover the advanced techniques, used in the finance and banking industry, including linear regression, logistic regression and other models. The course will mainly make use of MS Excel.

WHO SHOULD ATTEND?

- Working Professionals
- Finance Professionals
- Graduates looking for a career in finance and banking
- Banking Professionals
- Business and Data analyst



PROGRAM HIGHLIGHTS



CERTIFICATION FROM IIM KASHIPUR

Opportunity to earn certificate of Completion in Financial Data Analytics from Indian Institute of Management Kashipur.



WEEKEND ONLINE & INTERACTIVE CLASSES

Classes are held on weekend so that learning and work can go side by side and it's easy for working professionals to attend lectures.



INDIA'S TOP FACULTIES

You get to learn from some of the best faculties and experts who, by bringing their prospects into the mix, help learners grow.



INSIGHTS INTO FINANCIAL DATA ANALYTICS

This course is full of hands-on exercises to get an in-depth understanding of advanced techniques that can help the participant to solve complex financial problems in an easy and structured way.



INDUSTRY INTERACTIONS

Industry relevant courses and certificate from premium institute of India empowers a successful career kick start, giving the best career opportunities to students.



CASE-BASED SESSIONS

Real life case-based study pedagogy to enhance implementation of theoretical concepts to real life problems.



CAMPUS VISIT

Campus visit at the end of course so that students can Interact with their faculties at the campus in the most innovative ways possible.

PROGRAM OUTLINE

Financial Statement Analysis:

- Balance Sheet, Income Statement, Cash Flow Statement, Understanding the Financial Statements and their interlinking, Financial Ratios, and Ratio Analysis.
- Hands-on in Excel

Time Value of Money:

- Present Value (single and multiple cash flows), Future Value (single and multiple cash flows), Annuity, Perpetuity, and Growing Annuity. Application: Loan Amortization, Compounding the interest rate.
- Hands-on in Excel

Analysis of bonds and long-term financing:

- Valuation of bonds, analysis of risk in bond including duration and convexity
- Hands-on in Excel

Basic Portfolio Analysis:

- Return, risk, risk premium, Markowitz Portfolio Theory (two-assets and multi-assets portfolio), Minimum variance portfolio, efficient frontier, Capital Market Line
- Hands-on in Excel

Valuation of Equity and Firm/Business:

- Dividend discount model, return on equity, cost of equity (Gordon-Growth model).
- Security Market Line (CAPM) (Cost of equity), Analysis of Beta, Weighted Average cost of capital (WACC).
- Free Cash Flow to Equity (FCFE), Free Cash Flow to the firm (FCFF), discounted cash flow approach to equity and business valuation.
- Relative Valuation approach to valuation.
- Hands-on in Excel

Capital Structure Analysis:

- Modigliani-Miller Theorem (with and without taxes)
- Financial distress and cost of financial distress
- Static tradeoff theory, Pecking order theory and Windows of opportunity theory

Capital Budgeting Analysis:

- Net Present Value, Internal Rate of Return (IRR), Payback period

Financial Derivatives:

- Basics of Forward and Future
- Basics of Option
- Option trading strategies

PROGRAM OUTLINE

Value-at-Risk Estimation and Backtesting:

- Historical Simulation
- Simple Variance based approach
- Risk Metrics
- Monte Carlo Simulation

Leasing:

- Operating lease and financial lease

Linear Regression:

- Single and Multiple Linear Regression, Modelling and Prediction (Examples using financial data)

Predicting Binary Outcomes (Credit Prediction):

- Logistic Regression

Decision tree:

- Decision tree analysis

TOOLS USED



EMINENT FACULTY PANEL



Dr. Dilip Kumar
PhD (IFRM CHENNAI)

Dr. Dilip Kumar holds PhD in Finance and has done his PhD research work at Institute for Financial Management and Research (IFMR) Chennai. Before joining IIM Kashipur, he was a faculty member in the financial engineering department of IFMR Chennai. He has taught various courses such as Simulation Techniques in Finance, Financial Derivatives, Financial Risk Measurement and Management, Financial Engineering using MATLAB etc at both graduate and undergraduate level. His research interests include extreme value volatility estimator, bias correction procedures for efficient estimation of volatility, robust volatility estimators, Modeling extreme value conditional volatility, risk spillover, dynamics in market efficiency under the impact of structural changes in market etc.

His current research focuses on developing bias correction procedure for various extreme value volatility estimators. Another segment of his current research is about developing a robust extreme value volatility estimator and proposing a bias correction procedure for the same. He was also an Editorial Associate of the "Journal of Emerging Market Finance" published by sage publication.

He is also a Chartered Financial Analyst (CFA) charter holder from the Institute of Chartered Financial Analyst of India.

SAMPLE CERTIFICATE

SAMPLE

Enrollment No.
IIMKSP/2022-23/EDP/FDA-B1/001


IIM KASHIPUR
भारतीय प्रबंध संस्थान काशीपुर
INDIAN INSTITUTE OF MANAGEMENT KASHIPUR

This certificate is awarded to
PARTICIPANT NAME
who has successfully completed the prescribed course, and
fulfilled all other requirements of the
**Executive Development Programme in
Financial Data Analytics**
Conducted by IIM Kashipur
During
dd-mm-yyyy to dd-mm-yyyy

Programme Director Assistant Dean, Development Director, IIM Kashipur

SAMPLE

Enrollment No.
IIMKSP/2022-23/EDP/FDA-B1/001


IIM KASHIPUR
भारतीय प्रबंध संस्थान काशीपुर
INDIAN INSTITUTE OF MANAGEMENT KASHIPUR

This certificate is awarded to
PARTICIPANT NAME
who has participated in the
**Executive Development Programme in
Financial Data Analytics**
Conducted by IIM Kashipur
During
dd-mm-yyyy to dd-mm-yyyy

Programme Director Assistant Dean, Development Director, IIM Kashipur

NOTE:

- This is sample certificate. Subject to be changed.
- Certificate of Completion/Participation will be given to participants on the basis of Assessments, Quizzes & Final Exam.





COURSE DELIVERY

Duration: 5 months blended
Delivery mode: Nulearn Plug n Learn
Frequency: Once in a week



COURSE SCHEDULE

3 hrs on Every Saturday at 7:00 PM to 10:00 PM

Commencement Date: Will be updated



COURSE PEDAGOGY

The primary method of instruction will be through LIVE virtual lectures that will be beamed online via internet to desktops/laptops of students or classrooms. The lectures will be delivered by eminent faculty from IIM Kashipur. All enrolled students will also be provided access to the Cloud Campus through which they may access other learning aids, reference materials and assessments, case studies, projects and assignments as appropriate. Throughout the duration of the course, students will have the flexibility to approach the Professors, real time during the class or offline via the Cloud Campus to raise questions and clear their doubts.



ELIGIBILITY

- For Indian Participants – Graduates from a recognized University (UGC/AICTE/DEC/AIU/State Government) in any discipline with Mathematics/Statistics up to 10+2 level.
- For International Participants – Graduation or equivalent degree from any recognized University or Institution in their respective country.
- Proficiency in English, spoken & written is mandatory.
- On case-to-case basis less experience can be considered.



PAYMENT MODE

Online payment or DD in favor of "VALUE VIDYA LLP" payable at "Bengaluru".



ASSESSMENT CRITERIA

There are periodic evaluations built in throughout the duration of the course. These maybe in the form of a quiz, assignment, Main business plan, case study or other objective/subjective assessment. The evaluations are designed to ensure continuous student engagement with the course and encourage practical learning. Students who successfully clear the same along with the requisite attendance criteria will be awarded a Certificate from IIM Kashipur as appropriate.



HOW TO APPLY

To apply, working professionals can register at <https://www.ValueVidya.com> or call at 63661 25554.

FEE STRUCTURE & EMI PLAN

Program Fee:

For Indian Residents	INR 70,000+ GST*
For International Students	\$1,400

***Application Fee of 1000- INR** to be paid at the time of registration

Installment Schedule:

1st	INR 20,000 + GST* / \$500	Payment Deadline - Immediately
2nd	INR 25,000 + GST* / \$450	
3rd	INR 25,000 + GST* / \$450	

**No Cost 6 Months EMI Option available by our loan partner:
Pay as Low as 11,667 + GST* per month.
(11,667 + GST* x 6 = 70,000 + GST*)**

- * Loan option with interest available in 9 & 12 EMIs
- * EMI dates may vary on a case to case basis
- * 1% + GST* processing fees will be charged by loan partner in 6/9/12 months EMI.

For Admission Enquiries Please Contact :



No 14/10, 1st Floor,
RV Road, Krishnappa Cross,
Minerva Circle
Near Lalbhag Metro Station
Bengaluru-560004
Ph : 6366125554
Website :
www.ValueVidya.com
Email :
info@ValueVidya.com

