



भारतीय प्रौद्योगिकी संस्थान दिल्ली  
Indian Institute of Technology Delhi

# CERTIFICATE PROGRAMME IN FINANCE FOR NON FINANCE EXECUTIVES

CONTINUING EDUCATION PROGRAMME (CEP), IIT DELHI

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15 WEEKS



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# PROGRAMME OVERVIEW

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The course is designed to introduce participants (decision-makers from non-financial backgrounds) to fundamentals of finance and accounting. The programme will be taught using business school case study pedagogy and will use a mix of live lectures and self-paced learning modules. The programme aims at enabling the learners to make use of accounting information from the point of view of profit planning, budgeting, cost control, and decision-making (both operating and financial). New Managers will get a chance to build strong financial foundations and analyze financial data to gain insights. Seasoned Managers will find a new perspective of looking at the company data and drive better-informed decisions in their firms.



# ABOUT IIT DELHI

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Indian Institute of Technology Delhi is one of the 23 IITs created to be Centres of Excellence for training, research and development in science, engineering and technology in India. Established as College of Engineering in 1961, the Institute was later declared as an Institution of National Importance under the “Institutes of Technology (Amendment) Act, 1963” and was renamed as “Indian Institute of Technology Delhi”. It was then accorded the status of a Deemed University with powers to decide its own academic policy, to conduct its own examinations, and to award its own degrees.

Since its inception, over 48000 students have graduated from IIT Delhi in various disciplines including Engineering, Physical Sciences, Management and Humanities & Social Sciences. Of these, nearly 5070 received PhD degrees. The number of students who graduated with BTech degree is over 15738. The rest obtained Master’s Degree in Engineering, Sciences and Business Administration. These alumni today work as scientists, technologists, business managers and entrepreneurs. There are several alumni who have moved away from their original disciplines and have taken to administrative services, active politics or are with NGOs. In doing so, they have contributed significantly to building of this nation, and to industrialization around the world. For more details, please visit: [www.iitd.ac.in](http://www.iitd.ac.in)



# ABOUT CONTINUING EDUCATION PROGRAMME (CEP)

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Executive education is a vital need for the companies to build a culture that promotes newer technologies, solutions and build a workforce that stays abreast of the rapidly transforming needs to the technological, business and regulatory landscape.

Committed to the cause of making quality education accessible to all, IITD has launched online Certificate Programmes under eVIDYA@IITD (ई-विद्या@IITD): enabling Virtual & Interactive-learning for Driving Youth Advancement@IITD for Indian as well as International participants. These outreach programmes offered by the Indian Institute of Technology Delhi (IIT Delhi) are designed to cater to the training and development needs of various Organizations, Industries, Society and Individual Participants at National and International level with a vision to empower thousands of young learners by imparting high quality Online Certificate programmes in cutting edge areas for their career advancement in different domains of Engineering, Technology, Science, Humanities and Management. For more details, please visit: [cepqip.iitd.ac.in](http://cepqip.iitd.ac.in)



# PROGRAMME HIGHLIGHTS

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5<sup>th</sup>

Learn from the faculty of India's #5 QS ranked in Business and Management studies B-School

NIRF Rankings 2020 : Management

8<sup>th</sup>



Experience high-impact live online learning and explore real-world case studies / caselets

Gain industry-oriented insights from eminent IIT Delhi faculty members



Participate in peer-to-peer learning and expand your professional network

Receive a Certification in "Finance for Non-Finance Executives" from IIT Delhi



# WHO IS THIS PROGRAMME FOR?

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- **New Managers** who are handling business operations for the first time and need to understand the basics of Finance & Accounting
- **Middle and Senior Level Managers** looking to refresh their knowledge of the Finance Management
- **Technical Executives and Managers** who work with Financial Data in their daily operations who are looking to strengthen their foundations in Finance & Accounting
- **Senior Managers** who oversee Financial Data & Reports, looking to gain knowledge of Finance to support to their decision making process
- **Entrepreneurs & Business Owners** who want to apply better Financial Management practices



# PROGRAMME CURRICULUM

## Eligibility:

Graduates (10+2+3) / Diploma holders from a recognised university in any discipline. Final year students can also apply

## Duration:

15 Weeks

## Selection Process:

Screening and selection will be done by IIT Delhi

## Exams:

1 Week

## Assignments :

5 Weeks

## Module Duration / week Learner time :

10 Hrs ( Live sessions + Recorded Content + Practice Time)

## MODULE

### • Demystifying financial statements

2 WEEKS

Assignment duration

1 WEEK

#### Topics

Meaning and Types of Financial Statements  
Balance Sheet Statement  
Income Statement/Statement of Profit and Loss  
Cash Flow Statement

### • Deciphering company performance using ratios

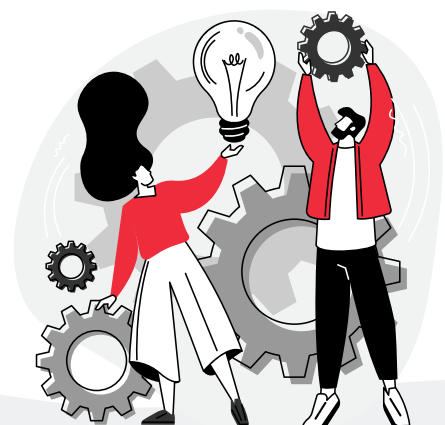
2 WEEKS

Assignment duration

1 WEEK

#### Topics

Introduction  
Liquidity Ratios  
Leverage Ratios  
Efficiency/Activity Ratios  
Profitability Ratios  
Market Value Ratios





• **How to make Economical Decisions - Cost Concepts & Decision Making**

2 WEEKS

Assignment duration

1 WEEK

**Topics**

Types of costs, understanding cost behaviour  
Break Even Analysis  
ROI Analysis

• **Calling shots for the future - Long term investment decisions**

2 WEEKS

Assignment duration

1 WEEK

**Topics**

Time Value of Money  
Cost of Capital  
Basics of Capital Budgeting  
Techniques of Capital Budgeting

• **Budgetary Control**

1 WEEK

Assignment duration

1 WEEK

**Topics**

Budgeting systems and Budgetary control  
Cash Burn Rates  
Tracking Expenses



# LEARNING OUTCOMES

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Learn to understand and analyze Balance Sheets, Cash Flows and P&L Statements of a firm.

Develop an in-depth understanding of financial Ratios like Leverage Ratios, Liquidity Ratios and Market Value Ratios



Gain hands-on experience of building capital budgeting models

Build an analytical aptitude using using case studies/ caselets

# PROGRAMME FACULTY

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## Dr. P. K. Jain

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- Emeritus Professor, DMS, IIT Delhi

Prof. P.K. Jain completed his M.com (with first rank) in 1972 and Ph.D in 1979 from Delhi School of Economics, University of Delhi. He started his academic career as a Lecturer at Shri Ram College of Commerce (University of Delhi) in 1972, before joining as Assistant Professor at Indian Institute of Technology (IIT) Delhi in 1984 and subsequently promoted to the position of Professor in 1990. At present, Dr. Jain is Emeritus Professor of Finance at Department of Management Studies, IIT Delhi. He earlier served as the Head of Department of Management Studies and Coordinator Dalmia Research Programme on Management in Asia. He was also Modi Foundation Chair Professor as well as Dalmia Chair Professor. He also served as the Director-in-charge of IIT Delhi for a brief period during June , 2015.He has Authored/Co-authored nearly a dozen Text Books and 15 Research Books / Monographs. He has contributed more than 225 research papers in journals of national and international repute.



## Dr. Surendra S. Yadav

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- Professor, DMS, IIT Delhi

Prof. Surendra S. Yadav received his Bachelor of Technology (B. Tech.) from Indian Institute of Technology (I.I.T.) Kanpur, MBA from University of Delhi, DESS (equivalent to M.Phil.) from University of Paris and Ph.D. in management from University of Paris 1 Pantheon-Sorbonne, France. He teaches Corporate Finance, International Finance, International Business, and Security Analysis & Portfolio Management. He has more than 300 research publications and has published 14 books in areas of finance and management.





## Dr. Shveta Singh

- Professor and Area Chair of Finance, DMS, IIT Delhi

Shveta Singh is a Professor and the Area Chair of Finance at the Department of Management Studies (DMS), Indian Institute of Technology (IIT Delhi), India. She is also the co-coordinator of the National Centre on Corporate Governance (accredited by the National Foundation on Corporate Governance (NFCG)) at DMS. She teaches courses like Entrepreneurial Finance, Managerial Accounting and Financial Management, Indian Financial System, Security Analysis and Portfolio Management, Professional Ethics, Corporate Governance & CSR. She has contributed to various research and consulting assignments for organizations like the Chief Information Officers' (CIO Foundation), the Chief Information Security Officers' (CISO) Foundation, the Lok Sabha (Parliament), the National Foundation on Corporate Governance (NFCG), the Directorate General of Supplies & Disposals (DGS&D), National Buildings Construction Corporation (NBCC), the Indian Council of Social Science Research (ICSSR), the United Kingdom (UK)-India Education and Research Initiative (UKIERI), ReNew Power Limited, the Ministry of Agriculture and Farmers' Welfare, the Ministry of Food and Consumer Affairs, the Indian Navy and the Indian Air Force. She has published more than 100 research papers and has co-authored 4 text books/monographs.



# PROGRAMME CERTIFICATE

## Completion

Requirement - 60% in overall assessments will get a completion certificate



## Participation

Requirement - Everyone else who finishes the course with less than 60% in overall assessments



# ADMISSION DETAILS

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## DURATION

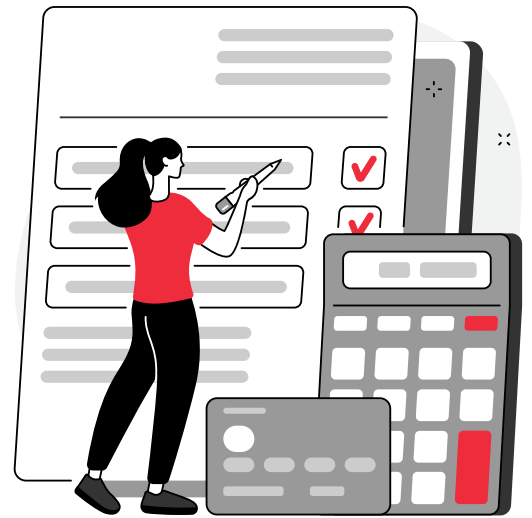
15 Weeks

## PROGRAMME FEE

INR 50,000 + Taxes

## PROGRAMME START DATES

Please refer to the [website](#) for start dates



## IMPORTANT INFORMATION

Last date to apply : 10<sup>th</sup> Mar, 2021

[Apply Now](#) >

Shortlisted candidates will be informed by date : 12<sup>th</sup> Mar, 2021

Last date to submit the fee: 19<sup>th</sup> Mar, 2021

All fee should be submitted in IITD CEP Account only, and the details will be shared post selection.

Online Certificate programmes are offered by the Indian Institute of Technology Delhi under the aegis of Continuing Education Programme (CEP) so that the Institute can realise its vision of serving as a valuable resource for industry and society, and fulfil its mission to develop human potential to its fullest extent so that intellectually capable and imaginatively gifted leaders can emerge in a range of professions.

For further details, contact: [iitd@upgrad.com](mailto:iitd@upgrad.com) | 18002102020

For any feedback: [hodqipcep@admin.iitd.ac.in](mailto:hodqipcep@admin.iitd.ac.in) | Head CEP, IIT Delhi

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