

Programme on Advanced Financial Modelling: Techniques for Forecasting, Valuation, and Risk Management

(January 19 - 23, 2026)



**Administrative Staff
College of India**

(accredited as उत्कृष्ट by
Capacity Building
Commission, GoI)

This training programme is aligned with the Karmayogi competency on Financial Management and Data Analytics.

PROGRAMME OVERVIEW

The Advanced Financial Modelling: Techniques for Forecasting Valuation and Risk Management programme offers a practical, hands-on approach to mastering financial modeling. Participants will learn how to prepare accurate financial statements, forecast company performance, and apply advanced valuation and risk management techniques. By integrating historical data, industry best practices, and carefully crafted assumptions, the programme equips participants with the skills to build robust, error-free financial models that are essential for strategic decision-making.

This five-day programme covers critical financial modeling applications, including forecasting, valuation, and risk analysis, while leveraging Microsoft Excel as a powerful modeling tool. Participants will explore the integration of accounting, finance, and key business metrics to design comprehensive models that support informed decision-making and align with strategic goals.

IMPACT

- Gain a deep understanding of advanced techniques for financial forecasting, valuation, and risk management.
- Develop practical skills in designing and building functional financial models using spreadsheet tools.
- Create dynamic models with multiple scenarios to evaluate business outcomes and risks.
- Perform sensitivity and scenario analyses to quantify and communicate risks effectively.
- Build confidence in applying financial modeling techniques to real-world business challenges, including mergers, acquisitions, and funding strategies.

CONTENT

Day 1: Financial Statement Analysis

- Understanding GAAP/IFRS-aligned financial statements: Income Statements, Balance Sheets, and Cash Flow Statements.
- Foundational analytical techniques: Common Size Analysis, Trend Analysis, Ratio Analysis (liquidity, solvency, profitability), and DuPont Analysis.
- Establishing the groundwork for integrated and error-resistant financial models.

Day 2: Valuation Techniques and Time Value of Money

- Application of the Time Value of Money (TVM) in valuation frameworks.
- Calculation of Net Present Value (NPV), Internal Rate of Return (IRR), and Weighted Average Cost of Capital (WACC).
- Construction of Discounted Cash Flow (DCF) models.
- Hands-on simulations for evaluating mergers, acquisitions, capital projects, and investment opportunities

Day 3: Quantitative Risk Assessment

- Analysis of risk metrics: Standard Deviation, Beta, and the Sharpe Ratio.
- Introduction to volatility modelling techniques: ARCH and GARCH frameworks.
- Applying risk assessment methods to asset classes (equities, FX, commodities) using real-world financial market data.

Day 4: Advanced Risk Quantification

- Computation of Value at Risk (VaR) using parametric, historical, and Monte Carlo methods.
- Model validation through backtesting.
- Simulation of complex risk scenarios, including portfolio losses and derivatives pricing.
- Case studies on stress-testing financial resilience.

Day 5: Forecasting and Scenario Analysis

- Implementing advanced forecasting methodologies: time-series analysis (ARIMA, exponential smoothing) and regression modelling.
- Construction of dynamic Excel-based models.
- Conducting scenario and sensitivity analyses.
- Utilize visualisation tools (Power BI/Tableau) for effective communication.
- Best practices for presenting technical models to non-technical stakeholders.

FACULTY PROFILE

The programme is led by Dr Mohammed Mujahed Ali, a seasoned expert with over 19 years of experience in financial management. Holding a Ph.D. in Business Management, along with an M.Phil., MBA, and M.Com., SEBI recognises Dr Ali as a securities market trainer and serves as a resource for NISM and NSE. He has conducted over 250 workshops and training sessions.

PARTICIPANT PROFILE

Senior executives, corporate executives involved in financial decision-making, and professionals and research scholars dealing with financial data can enhance their knowledge of financial modeling and obtain practical insights into the subject. The programme also applies to executives responsible for achieving performance targets and making decisions based on financial information.

Organisational sponsorship is essential

VENUE

The programme is fully residential and the participants will be accommodated in air-conditioned single occupancy rooms. The college does not provide accommodation for the family. The college is Wi-Fi enabled in a comprehensive way.

DURATION

The programme duration is **5** days starting from **January 19 - 23, 2026**. The participants are expected to arrive a day before commencement and may leave after the conclusion of the programme.

PROGRAMME FEE

Residential Fee: **Rs. 69,500/-** (US \$ 1086 for foreigners) plus GST as applicable (presently 18%) per participant. The fee covers tuition, board and lodging, courseware (in electronic form) and other facilities of the College including internet usage.

Non-Residential Fee: **Rs. 59,500/-** plus GST as applicable (presently 18%) per participant. The fee covers tuition, course ware (in electronic form) working lunch and other facilities of the College including internet usage.

A discount of 10% on the Programme fee for three or more participants from the same organisation will be given, provided the payment is credited into our Bank account before **January 17, 2026**.

Note: Kindly forward us the details of the Bank/ Wire transfer of the programme fee through email to: poffice@asci.org.in for confirmation.

Bank details are given below:

For Indian Participants:

Bank Account Number	62090698675
Beneficiary Name	Administrative Staff College of India
IFSC Code	SBIN0020063
Bank Name	State Bank of India
Branch Address	Bellavista Branch, Raj Bhavan Road, Somajiguda, Hyderabad - 500 082

For Foreign Participants:

Bank Account Number	62090698675
Beneficiary Name	Administrative Staff College of India
Swift Code	SBININBB327
Bank Name	State Bank of India
Branch Address	Bellavista Branch, Raj Bhavan Road, Somajiguda, Hyderabad - 500 082.
Country	India

MEDICAL INSURANCE

The nominees are requested to carry with them the proof of Medical Insurance. The sponsoring agency is required to endorse the nominees' medical coverage in the event of hospitalization

LAST DATE FOR NOMINATION

Please use the prescribed/attached form. Last date for receiving nominations is **January 12, 2026**. Kindly contact Programmes Officer for further details (contact details are given at the end of the nomination form).

LAST DATE FOR WITHDRAWAL

January 17, 2026. Any withdrawals after this date will entail forfeiture of fee paid, if any.

ASCI ALUMNI ASSOCIATION

Participants of the College programmes will automatically become members of the ASCI alumni association.

CERTIFICATE OF PARTICIPATION

The College issues a Certificate of Participation on conclusion of the programme.

Programme Director

Dr. Mohd Mujahed Ali

Email: mmali@asci.org.in

Administrative Staff College of India (ASCI) is taking all the precautionary measures and following all the norms (in light of COVID 19) to provide a safe environment for the participants who are visiting our Campus to attend the Training Programmes.



ABOUT ASCI

ASCI is the first Management Development Institution set up in the country at the instance of the Government of India and industry in 1956 to impart state-of-the-art management education for practicing managers, a legacy that we proudly take forward with a strong alumni of over 1,76,500. We are proud of our alumni which includes the leaders of Indian industry and senior Civil Servants in the government, public sector undertakings to be a part of this unique organisation. We are thankful to you all for the support extended in the past and look forward to your continuing patronage in 2025-26.

Also, ASCI conducts customized programmes for Government of India, State Governments, Public Sector, Private Sector and various international organisations. Our experienced faculty bring to the table a wealth of academic credentials, rich industry exposure and act as a catalyst in the classroom discussions, case study analyses and tutorials. Our faculty also conduct international programmes which provide an exposure to the global best practices. In addition to this, faculty at ASCI also carry out large number of management research activities (typically about 100 each year) which helps them provide the much needed value addition in the training programmes. In addition, we conduct non-residential programmes at our New Delhi Centre as well as off-campus programmes at the venue of the client's choice.



Administrative Staff College of India

Bella Vista, Raj Bhavan Road, Khairatabad, Hyderabad - 500 082, India.

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College Park Campus

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Delhi Campus

ASCI, C-24, Institutional Area, South of IIT
Behind Qutub Hotel, New Delhi-110016.
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Leadership through Learning

ADMINISTRATIVE STAFF COLLEGE OF INDIA

Bella Vista, Raj Bhavan Road, Hyderabad - 500 082, India

**Nomination Form
Programme on
Advanced Financial Modelling: Techniques for Forecasting,
Valuation and Risk Management
(January 19 - 23, 2026)**

Nominee's Contact Information

Name (Mr/Ms)	:	_____	Date of Birth:	_____
Designation	:	_____	Qualification:	_____
Organisation	:	_____		
Address	:	_____		
Phone(s)	:	Office: _____	Mobile: _____	Home: _____
e-mail	:	_____	Fax:	_____

Sponsors Details

Name of the Sponsoring Authority:	:	_____	Designation:	_____
Organisation	:	_____		
GSTIN Number:	:	_____		
Address	:	_____		
	:	_____	Pincode:	_____
Phone(s)	:	Office: _____	Mobile: _____	
e-mail	:	_____	Fax:	_____

Fee particulars

Amount Payable	:	_____	Mode of Payment (DD/Ch/NEFT):	_____
Name of the Bank	:	_____	Date of Instrument/Transfer:	_____
Instrument Number:	:	_____	UTR Number for NEFT	_____

Medical Insurance:

Name of the Insurance Agency	Policy Number	Validity upto
_____	_____	_____
Note: Coverage should be available in Hyderabad, India.		

Signature and Official Seal of the Sponsoring Authority:

NOTE: Forward nomination form to: **Mr. G. Sreenivasa Reddy, Programmes Officer,** Administrative Staff College of India, Bella Vista, Hyderabad-500 082. Phone: 0091-40-66534247, 66533000, Mobile: 9246203535, Fax: 0091-40-66534356, e-mail: **poffice@asci.org.in**