Campus Programme

5 Days

December 14 – 18, 2026

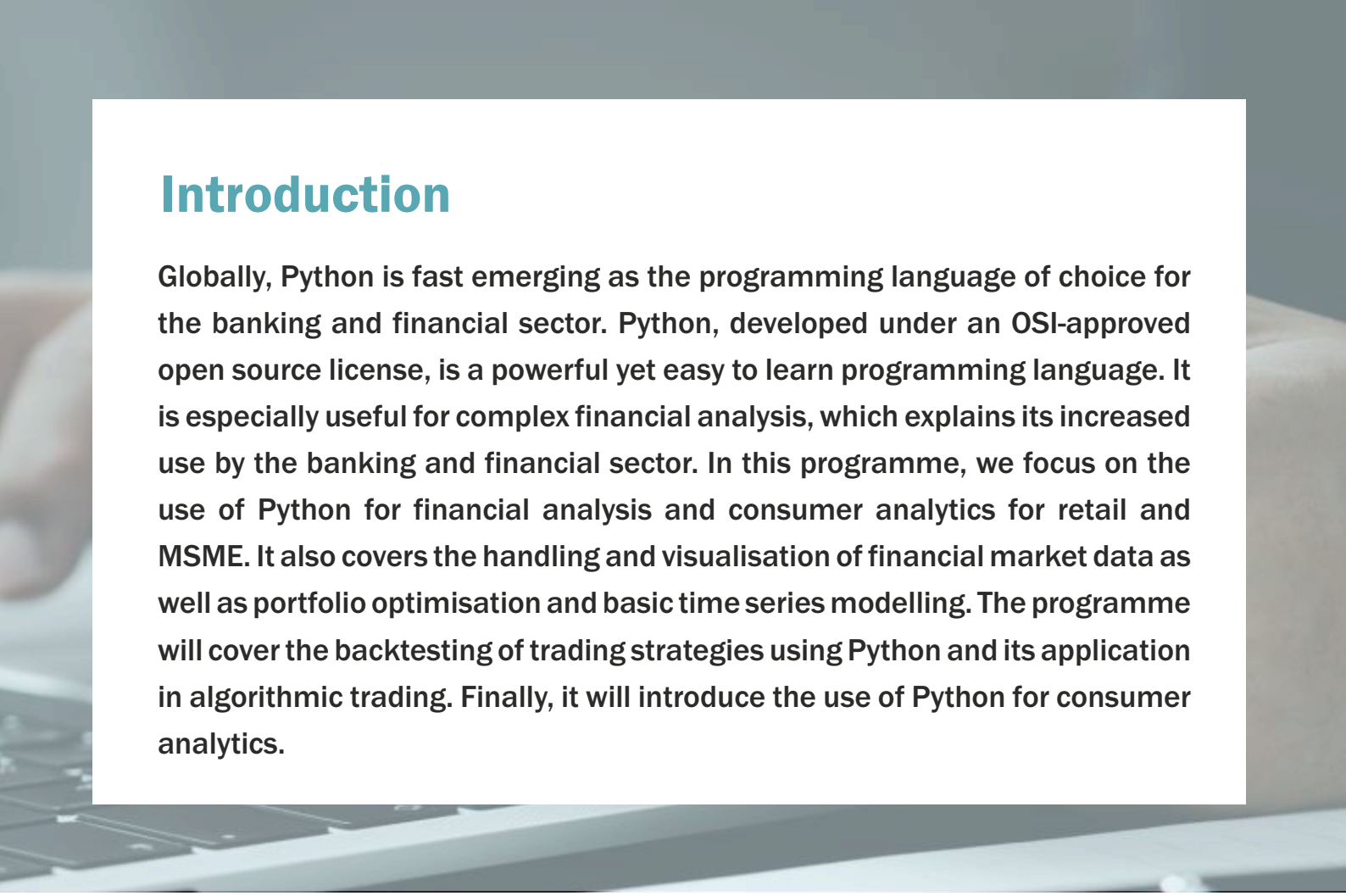
Python

for Financial and Banking Analytics

Programme Directors
Dr. Smita Roy Trivedi
Dr. Pramod C. Mane
Dr. Balu Pawde



National Institute of Bank Management



Introduction

Globally, Python is fast emerging as the programming language of choice for the banking and financial sector. Python, developed under an OSI-approved open source license, is a powerful yet easy to learn programming language. It is especially useful for complex financial analysis, which explains its increased use by the banking and financial sector. In this programme, we focus on the use of Python for financial analysis and consumer analytics for retail and MSME. It also covers the handling and visualisation of financial market data as well as portfolio optimisation and basic time series modelling. The programme will cover the backtesting of trading strategies using Python and its application in algorithmic trading. Finally, it will introduce the use of Python for consumer analytics.

Objectives

The programme aims to help the participants to:

- Understand Python basics, including working with arrays, modules and packages for importing and visualising data.
- Apply Python for financial analysis, including portfolio optimisation and basic time series modelling
- Use Python for backtesting of trading strategies, including those based on technical analysis
- Grasp the application of Python in algorithmic trading
- Understand consumer analytics for Retail & MSME

Programme Contents

- **Introduction to Programming with Python:** Python variables and data types – Basic Python syntax; and Python operators, functions, sequences and iterations
- **Working with Python:** Using modules and packages (Numpy, Pandas, and Matplotlib) for importing, exporting, arranging and visualising data
- **Financial Analysis with Python:** Portfolio optimisation and basic time series analysis
- **Backtesting of Trading Strategies with Python:** Importing data, determining coding strategies and understanding backtesting results
- **Application of Python in Algorithmic Trading:** Use of python for coding algorithmic trading strategies
- **Consumer analytics:** Retail & MSME

Methodology

Hands-on sessions (Python). No prior experience of programming is required.



Pedagogy

Hands-on sessions and case exercises

A completion / participation certificate will be given to the participant at the end of the programme provided he / she attends the programme for the mandated hours of engagement.

Target Audience

The programme is intended for officers working in the treasury department of banks and non- banking financial institutions, executives working in corporate treasuries, traders (retail / institutional), fund managers, and financial markets analysts.

When?

December 14 – 18, 2026

The participants are requested to report at the venue by the evening of December 13, 2026.

Where?

NIBM Campus, Kondhwe Khurd, Pune, India

Accommodation

The programme will be fully residential. Participants would be provided well-furnished, single-room AC accommodation in the Institute's hostel complex. If on-campus hostel accommodation is unavailable for some reason, participants will be housed in single occupancy AC rooms in a nearby decent hotel, with transport arrangements facilitated by the Institute. However, participants will not be permitted to bring their family members in the place of accommodation. In case of nomination of any Officer / Executive having physical / medical disability, kindly inform in advance with particulars of disability, to facilitate necessary arrangements. The Institute has facilities for outdoor and indoor games and a walking/jogging trail for physical fitness. Participants are therefore encouraged to bring appropriate clothes / gear.

Participants attending the Programme on campus will be subject to the prevailing guidelines for educational institutes as per the notifications by the government / civic authorities.



Nominations and Enquiries

Nominations are invited from both institutions and individuals from India and abroad. Executives working in banks / financial institutions / consulting firms / technology firms in the banking and financial services domain can also apply for the programme in their individual capacity.

Please address your enquiries regarding nominations and programme content to:

Programme Directors

Dr. Smita Roy Trivedi
Associate Professor

Dr. Smita Roy Trivedi has more than fifteen of experience in conducting executive training and research in the areas of python based financial analysis, technical analysis and natural language processing. She has two books to her credit published from Routledge (Taylor & Francis, UK), leading journal publications and shorter articles featured in LSE Business Review Blog and Op-ed section of Hindu Business Line

Email: smita@nibmindia.org ; Tel: +91-20-6904 6137 (D); Mobile: 9561945240

Dr. Pramod C. Mane
Assistant Professor

Dr. Pramod C. Mane is an Assistant Professor at the NIBM Pune. Before joining NIBM Pune, he worked as an Assistant Professor at the Indian Institute of Management Rohtak. He was also an Assistant Professor and Faculty member at the Indian Institute of Information Technology Dharwad and the National Institute of Technology Raipur, respectively. Dr. Pramod received his PhD in Computer Science and Engineering from the Indian Institute of Technology Indore. He holds an MTech in Information Technology from the National Institute of Technology Durgapur. Dr. Pramod's research interests are widely focused on the intersection of network economics and computer science. His current research focuses on the applications of social networks and cloud computing in banking and finance.

Email: pramod.mane@nibmindi.org ; Tel: +91-20-6904 6142 (D); Mobile: 9860679275

Dr. Balu Pawde
Assistant Professor

Dr. Balu Pawde is an Assistant Professor (Money, International Banking & Finance) at the National Institute of Bank Management, Pune. He has served at GIPE, Pune earlier after earning his PhD in Economics from IIT Bombay. His research spans banking and finance, macro-development, and inequality, with recent publications in the Journal of Quantitative Economics and Economic & Political Weekly. Methodologically, he works in applied econometrics and policy analysis using R and Stata. He has led government-linked projects in Maharashtra and contributed to the XVI Finance Commission study group on state finances.

Email: balu.pawde@nibmindia.org ; Tel: +91-20-6904 6016 (D); Mobile: 9821143217

Enquiries related to programme registration, accommodation, etc. may kindly be addressed to:

REGISTER NOW

Programme Office
National Institute of Bank Management
NIBM Post Office, Kondhwe Khurd,
Pune 411048 (India)
Email: trainings@nibmindia.org / progofficer@nibmindia.org
Tel: +91-20-69046000 (Board) / 69046214 / 6166 / 6210 / 6211
WhatsApp: 7887884083 (Messages Only)
Website: www.nibmindia.org

(In case of difficulty in accessing the link, kindly advise your IT department to whitelist nibmindia.org domain in the firewall)

Last date for receiving nominations: December 04, 2026

Last date to avail 'Early Bird Discount': November 29, 2026

5% 'Early Bird' discount for nominations received at least 15 days before the start date.

Discounts for bulk nominations:
5% for 6-10 nominations
10% for 11-19 nominations
15% for 20 nominations and above

Fees and Modes of Payment

US$ 2000 for foreign participant

FEE (Per Participant)	*Fee (₹)*	*GST*	*Fee+GST*	*TDS*
Member Banks	52500	9450	61950	5250
Non-Member Banks	61500	11070	72570	6150
Individual Nominee	61500	11070	72570	—



The fee includes the cost of tuition, teaching material, lodging facilities, etc. (GST @ 18 % and TDS @ 10%. Kindly send the TDS certificate on priority to NIBM).

As per the resolution of NIBM's 86th Finance Committee meeting held on January 31, 2023, all organisations / banks are required to make the full payment for all their nominations prior to the commencement of the respective programmes / workshops.

Note: The Foreign Bank Charges/SWIFT charges/ Commission is to be borne by the remitter. The fees mentioned in the brochure is to be paid to NIBM, net of all bank charges.

Modes of Payment

For Indian Participants

The fee may be transferred by RTGS/NEFT/ECS to our A/c No 20002400021 with Bank of Maharashtra, NIBM Branch, Pune (IFSC Code MAHB0001124). NIBM PAN No. AAATN0040P and GST No. 27AAATN0040P1ZJ.

For Foreign Participants (Mode of Remittance: SWIFT)

1.	Name & Address of our Bankers	: Punjab National Bank C-2, Shop No. 4-5, Bramha Estate Kondhwe Khurd, Pune 411 048 Maharashtra, India
2.	Name of the Beneficiary	: National Institute of Bank Management
3.	NIBM's Bank Account No. with Punjab National Bank	: 11281131004402
4.	Bank's Swift Code	: PUNBINBBDIB
5.	Preferred Currency	: USD
6.	Correspondent Bank of Punjab National Bank	: WELLS FARGO BANK NA
7.	Punjab National Bank A/c No. with Correspondent Bank	: 2000193007918
8.	Swift Code with Wells Fargo Bank	: PNBPUS3NNYC
9.	IFSC	: PUNB0108810

For all electronic/digital remittances, kindly send a confirmatory email to accounts@ nibmindia.org giving details of the remitter, participant, workshop dates, title of workshop, etc.

Payments will be accepted ONLY through electronic mode. Cheques / DDs / Pay Orders will not be accepted.