NSE and IIM Kashipur jointly present
Management Development Program
On Capital Market Analytics
NSE MDP introduction

NSE's MDPs aim to enhance the competitiveness of executives of all levels in the financial industry. It is designed to assist professionals to take on a leadership role in their position individually and collectively, while improving their knowledge.

NSE's MDPs are vital for practicing professionals and managers who are keen to take on leadership roles with their organizations.

NSE and IIM Kashipur together bring in some of the best faculty members and trainers in this 3 day programme on Capital Market Analytics to contribute in managerial capacity building of the industry.

Programme Outline

The stock markets in India have outperformed most markets in the emerging and developed world so far this year reaffirming the long run of potential of equities among all asset classes. With the stable government at the center, the equity, commodity and currency markets represent great opportunity for sound investments. Investors and analysts need to understand the nature of risks associated with investment products in different markets for optimal returns.

In this 3 day course the participants will:

- Explore the opportunity of investing in Equities, Currency and Commodity Markets
- Learn key quantitative and analytical techniques that enable enhanced performance in trading and investment in different asset classes
- Investigate the price behavior of individual securities with stimulating qualitative and quantitative tools
- Understand how fundamental and technical quantitative analysis supports top down and macro approach to portfolio construction
- Understand the fundamental difference between trading and investing behavior and trade choices
- Examine sentiment and crowd psychology as reflected in patterns of price development and contingent risk management

Programme Objectives

The Capital Market Analytics programme will provide participants with analytical tools to perform analyses to evaluate investment opportunities from both fundamental and trading perspectives. Through live simulation of markets, participants will be introduced to capital market participants and investment product. Participants will also gain appreciation of how local and global macroeconomic and market fundamentals impact valuations of stocks, commodities and currency markets.

Different analytical methods will be discussed for investing and trading perspectives. In addition, the programme shall educate the participants in understanding the significance & importance of “Money Management” & “Investment Psychology” and risk management, which are equally critical and important in taking investment or trading decisions over different investment horizons. The programme also offers a hands-on real-time trading experience through a simulated game which shall equip the participants to take decisions on trading in live markets by managing a virtual portfolio.
Pedagogy
The participants would learn through an appropriate mix of lecture, interactive discussion, hands on exercise, live market simulation and experience sharing. Both academic and industry practices would be stressed upon throughout the program.

Topics to be covered
- Overview of Exchange Mechanism, Trade Execution and Market Participants
- Fundamentals that Impact Commodity & Currency Markets
- Analyze Significant Global Economic Data Releases & their Impact
- Understanding Inter-Market Analysis - unraveling the Relationships between Assets Classes
- Visualization: Getting into the Colorful World of Charts & Technical Analysis
- Understanding Chart Patterns and Price-Volume-Open Interest Relationships
- Quantitative Techniques - Use of Mathematical Tools for Forecasting
- Developing Basic Trading Systems using Tools and the "Simulated Trading Game"
- Money Management & Position Sizing - The Difference between Winning and Losing
- Investment Psychology - The Legend of the Holy Grail
- Simulated Trading Game" - An Analysis
- Golden Principles of Trading and Investing

Target Audience
This program is suitable for investors, business analysts, Fund Managers, Traders, Research Analysts, Domestic Financial Institutions, Foreign Institutional Investors, Mutual Funds, Exporters, Importers, and practitioners of Finance & Investing.
## Day 1

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<thead>
<tr>
<th>S No.</th>
<th>Session Topic</th>
<th>Time</th>
<th>Key Concepts</th>
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<tbody>
<tr>
<td>0</td>
<td>Program Overview</td>
<td>1000-1030 Hours</td>
<td>Program Introduction, Program Process Flow, Introduction of NSE &amp; IIM</td>
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| 1     | "Understanding Exchange Mechanisms, Trade Execution & Market Participants" | 1030-1200 Hours | "Overall Mechanics of Exchanges with a brief about their history, their functioning, Trade Execution and Profiling of Market Participants, trading, clearing and settlement, new products- ETFs and OFS, interest rate futures."
| 2     | "Fundamentals of Commodity & Currency Markets" | 12:00-13:30 Hours | "Commodities & Currency Markets Fundamentals, Products, participants and functions" |
|       | **Lunch 1330-1430 Hours**          |         |                                                                              |
| 3     | International Macroeconomic Events - Significant Global Economic Data Releases & their Impact on Capital Markets | 1430-1600 Hours | Data releases and information availability between different international markets |
| 4     | Understanding Inter-Market Analysis - unravelling the Relationships between Assets Classes | 1630-1800 Hours | All Asset Classes are Inter-linked with one-another, Analysing these relationships for Early Warnings & Opportunities |

## Day 2

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<tr>
<th>S No.</th>
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<th>Time</th>
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<tbody>
<tr>
<td>0</td>
<td>Day 1 Recap and Tea</td>
<td>0930-1030</td>
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<tr>
<td>1</td>
<td>&quot;Technical Analysis - Data Visualization: Charts &amp; Technical Analysis&quot;</td>
<td>1030-1200 Hours</td>
<td>&quot;Introduction to Philosophy of Technical Analysis, CandleCharts, Dow Theory, Pattern Studies, Indicators and Oscillators etc&quot;</td>
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<td>2</td>
<td>&quot;Understanding Chart Patterns and Price-Volume-Open Interest Relationships&quot;</td>
<td>1200-1330 Hours</td>
<td>&quot;Major Reversal Patterns, Continuation Patterns, Dow, Theory, Japanese Candlesticks, Elliot Wave Theory, Co-relation between Price/Volume &amp; Open Interest, Momentum Trading Strategies&quot;</td>
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<td><strong>Lunch 1330-1430 Hours</strong></td>
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<td>3</td>
<td>&quot;Quantitative Techniques – Use of Mathematical Tools for Forecasting&quot;</td>
<td>1430-1600 Hours</td>
<td>Moving Averages, Mean Reversion Strategies, Momentum, Oscillators &amp; Trend Identification Techniques – Key indicators RSI, MACD</td>
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<td>4</td>
<td>Live Simulation: Developing Basic Trading Systems using Tools and The &quot;Simulated Trading Game&quot;</td>
<td>1630-1800 Hours</td>
<td>Trading Strategies – Day trading, momentum trading etc</td>
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## Day 3

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<tr>
<td>0</td>
<td>Day 2 Recap and Tea</td>
<td>0930-1030</td>
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<tr>
<td>1</td>
<td>&quot;Money Management &amp; Position Sizing-The Difference between Winning and Losing&quot;</td>
<td>1030-1200 Hours</td>
<td>&quot;Types of Money Management Models, Understanding Strike Rates, Risk-Reward Ratios and Portfolio&quot;</td>
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<tr>
<td>2</td>
<td>Investment Psychology</td>
<td>1200-1330 Hours</td>
<td>&quot;Judgemental Biases, Key Character Traits for Successful Trading and The Organized Trader, Risk Management&quot;</td>
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<td><strong>Lunch 1330-1430 Hours</strong></td>
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<td>3</td>
<td>NOW Trading System</td>
<td>1430-1600 Hours</td>
<td>Introduction of NSE's trading software - NOW and demo of the software.</td>
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<td>4</td>
<td>Golden Principles of Trading</td>
<td>1630-1800 Hours</td>
<td>&quot;Review Performance of Top Traders, Dos and Don’ts of Markets&quot;</td>
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**Conclusion**
Dr. Ashish Kumar Garg

Dr. Ashish Kumar Garg has obtained his Ph.D in Finance from Haryana Business School, India. His Ph.D dissertation examined the Impact Foreign Institutional Investment on Indian Stock Market. Prior to joining IIM Kashipur, he had worked with IIM Raipur and LBSIM, Delhi. He has no. of national and international publications in his account. His research work has appeared in the Journals of International repute like Springer, Sage, EBSCO host database. He has also presented a number of research papers in international and national conferences also.

He taught various courses such as Financial Accounting, Management Accounting, Corporate Finance, Investment Management, Business Valuation, Fixed Income Securities, and Behavioural Finance. His research work is primarily focused on stock market, foreign investment and behavioural finance.

Dr. Dilip Kumar

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 is 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.

Dr. K N Badhani

Dr. K N Badhani is Ph. D. in Finance and an Associate Member of the Institute of Cost and Works Accountants of India (AICWA). He is the rank holder in ICWA Final Examination of year 1995. He has also qualified NET and was awarded Junior Research Fellowship by the UGC.

Dr. Badhani has about 21 years experience in teaching. Before joining IIM Kashipur, he has worked in Management Development Institute (MDI), Gurgaon, the Institute of Rural Management, Anand (IRMA), Kumaun University, Nainital and HNB Garhwal University, Srinagar. His research interests include financial markets, econometric modeling and behavioral finance. He has 31 research papers published in international and national journals.

Dr. Kunal

Dr. Kunal is working as Assistant Professor (Finance) at IIM Kashipur. He is expert of firm financing and has defended his Ph.D. thesis in the area of finance at Deptartment of Industrial and Management Engineering, IIT Kanpur. His Ph.D. thesis deals with empirical investigation of effect of selective intervention policy towards Foreign Direct Investment (FDI) in Indian economy at micro, meso and macro level. For his doctoral research work, he has been awarded “Best Research Paper Award” at IIMA Doctoral Colloquium 2013 organized by Indian Institute of Management Ahmadabad, India. Beside his dissertation, he has done extensive work on private equity investment in India and financing problems with MSME, during his stay at IIT Kanpur. He has successfully completed “Master Teacher Programme” at prestigious Indian School of Business, Hyderabad.

He has been awarded gold medal for securing first rank in PGDM course at International Management Institute (IMI), New Delhi, India. He is M. Tech. (Aerospace Engineering) from IIT Kharagpur and B E (Mechanical Engineering) from Bhagalpur College of Engineering (Autonomous college of Department of Science and Technology, Govt. of Bihar). He taught "International Finance" at DualeHochschule, Baden- Wurttemberg (DHBW), Ravensburg, Germany (April- May 2013), as part of Faculty Exchange program between DHBW, Germany and Symbiosis International University, Pune, India. He has more than ten years of teaching and research experience. He has more than ten research publications in international journals and conference proceedings. Recently, he received “Best Research Publication in Journal Award” at IABE 2014 Las Vegas for the research paper titled 'Foreign Exchange Market, Money Market and RBI Intervention', published in European Journal of Business Research (EJB).
Ms. Rana Usman

Ms Rana Usman is Senior Assistant Vice President and Head of the Northern region at India's leading stock exchange, the National Stock Exchange. She has been associated with NSE from its inception 20 years ago. Ms Usman has handled various portfolios in her earlier stints at the Head office at Mumbai, including trading, clearing and settlement at NSCCL; NSE’s clearing arm, and new product development. She has handled critical functions of risk management at the exchange as well as the associated systems and processes. She has been heading the Northern region office for nearly four years, where she guides a team of more than 40 people to effectively handle Business development, operations, Corporate Affairs, SME listing and Education initiatives. She interacts closely with regulatory officials and supervises the redressal of investor complaints in North India.

She is a Masters in Commerce and has done a Post Graduate Diploma in Business Management from the prestigious Sydenham Institute of Management Studies.

Mr. Vipul Khajuria

He is a Banking and Financial Services Professional with more than 12 years’ experience in foreign exchange, interest rate derivatives and corporate bond markets. He engages with Member Brokers, Corporates and Financial Institutions, for participation in currency derivatives, Corporate debt and Mutual Funds on NSE. He also works with Industry bodies, Government Institutions and Ministries to conduct knowledge building programmes.

In an earlier stint at ICICI Bank, Vipul was handling business development in Forex and Interest rate derivatives, where he was advising clients on appropriate hedging strategies and monitoring their risk. He is a BE in Civil Engineering from NIT Calicut and an MBA (Finance), Department Of Management Studies, University of Jammu.
WHO SHOULD ATTEND?
The workshop is ideal for Traders, Investors, Brokers, Sub-brokers, Dealers, Fund Managers, Corporate Executives, Financial Intermediaries, Media, & anyone who wants to learn Capital Market Analytics.

WORKSHOP DETAILS
MANAGEMENT DEVELOPMENT PROGRAM IS A THREE DAY EXECUTIVE WORKSHOP
Dates: July 8 - 10, 2016 | Time: 10:00 AM to 5:30 PM
Venue: National Stock Exchange, 4th floor, Jeevan Vihar Building, Parliament Street, New Delhi-110001

FEE & REGISTRATION
Fee: Rs. 30,000 plus 15% service tax and all other taxes (Rs. 34,500)
(The fee includes tuition fee, course material, refreshments and lunch to be provided on all programme days).
Award of Certificate: Joint certificate from IIM Kashipur and NSE will be awarded to all the participants.

PAYMENT MODE: DEMAND DRAFT AND ONLINE PAYMENT
Account payee demand draft drawn in favour of "NATIONAL STOCK EXCHANGE OF INDIA LIMITED", payable in New Delhi, should reach NSE at least seven days before the commencement of the program.

FOR ANY FURTHER QUERIES AND FOR ONLINE PAYMENT OPTION PLEASE CONTACT
Ms. Nivya Nair, Mobile: 9911085488 | Mr. Kunal Tyagi, Mobile: 9911037288
Dr. Kunal, Mobile No. 8006400822
Email: nnair@nse.co.in | ktyagi@nse.co.in | kunal@iimkashipur.ac.in
NSE: www.nseindia.com | IIM Kashipur: http://www.iimkashipur.ac.in
Limited Seats
MDP NOMINATION FORM

MANAGEMENT DEVELOPMENT PROGRAM ON CAPITAL MARKET ANALYTICS

Step 1. Take a printout of this Nomination Form
Step 2. Fill the Nomination Form with the required details
Step 3. Make a Demand Draft of Fees: Rs. 30,000 plus 15% Service Tax & all other taxes (Total: Rs. 34,500) payable at New Delhi in favour of “National Stock Exchange of India Limited”
Step 4. Send the Demand Draft along with completed registration form and Copy of pan card to

Ms. Nivya Nair, Mobile: 9911085488 | Mr. Kunal Tyagi, Mobile: 9911037288

National Stock Exchange of India Limited
National Stock Exchange of India Limited, 4th floor, Jeevan Vihar, Parliament Street, New Delhi-110001
Email: nnair@nse.co.in | ktyagi@nse.co.in

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<tr>
<th>Details</th>
<th>Participant 1</th>
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Sponsored by: a) Self b) Company

How did you come to know about the program:
a) SMS b) Email c) Facebook d) NSE website e) Friends

Correspondence Address: ..........................................................................................................................................................................................
Pin Code: .............................................

Programme Opted For: Date: .................................................................

Payment Details: Amount (Rs.) .......................................................... Demand Draft No. .................................................................
Date of DD ....................................................................................... Bank .........................................................................................
May prosperity always bloom