

Advanced Derivatives Options

June 09th, 10th & 11th 2017



Advanced Derivatives Options

Overview

Derivatives are the financial contracts or instruments, which derive their value from underlying asset. World over a considerable portion of trading in financial assets takes place in the form of derivatives and options trading. Hence, it is imperative to develop domain knowledge expertise in quantitative and qualitative trading skills so as to trade or invest profitably. Also, increasing volatility across global markets has necessitated a multidimensional approach for understanding the importance of derivative trading. Given the current market scenario and dynamism, Derivatives Trading has attracted attention more than ever before. The concepts are multi-fold and are applicable across all financial markets: equities, fixed income, currencies-domestic or global.

Objective

The MDP aims 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. The program will focus on delivering a unique mix of theory and the practical applications of options trading in the areas of straddle, strangle, butterfly and Iron condor. It will also focus on using the Greeks to formulate the options trading strategies. Popular and profitable strategies like Gamma Scalping, Options shorting and handling related risks will be discussed in great detail along with live examples from the market. Arbitrage strategies and opportunities pertaining to call-call arbitrage, skew arbitrage and volatility arbitrage will also be covered in detail. Idea will be to help the participants get good know how on what kind of arbitrage they can spot across various options and how to leverage the opportunity to maximize the profitability. Discussion pertaining to risk management, like continuous delta hedging, vega hedging etc. will also be a value add. All the trading strategies will be demonstrated using Excel examples - both in Nifty options and USDINR option segment.

Content

Day One & Two:

- Trading strategies using options
- Determinants of option price and the Black-Scholes model
- Visualizing option exposure and Greeks
- Hedging an options book: Greeks for portfolio
- Volatility smile and associated trading strategies
- Hedging volatility risk and the Vanna-Volga method

Day Three:

- Practical training sessions based on the learning of Day One & Two

Target Audience

- Corporate Executives
- Financial Intermediaries
- Fund Managers
- Students
- Investors
- Media & Journalist
- Brokers/Dealers

Faculty

Prof. Vineet Virmani
Mr. Amit Trivedi

Nominations and Inquiries

Nominations should reach the Officer - Executive Education latest by **May 19, 2017**. The last date for early bird discount is **May 19, 2017**.

Organisational sponsorship is generally required, but can be waived in case the participant is likely to gain significantly from the programme for personal improvement or greater job effectiveness.

All nominations are subject to review and approval by the programme faculty (usually after the due date for receiving nominations). A formal acceptance letter will be sent to selected nominees accordingly. Nominees are requested to make their travel plans only after receiving the acceptance letter.

For nomination forms and more information, please contact:

Officer - Executive Education

Indian Institute of Management, Ahmedabad
Vastrapur, Ahmedabad 380 015.

Phone: +91-79-6632 4472 to 77 and 4462 to 69

Fax: +91-79-2630 0352 (ExEd)/2630 6896 (General)

E-mail: exed@iima.ac.in | Website: www.iima.ac.in/exed

NSE Academy Ltd.

(Wholly-owned Subsidiary of National Stock Exchange of India Ltd.)

304 & 305GCP Business Centre, Opp. Memnagar Fire Station, Navrangpura, Ahmedabad-380009

Mr. Soumyajyoti Guha

Contact: +91-9727734947; +91-79-49008607

E-mail: sguha@nse.co.in | Website: www.nseindia.com

Venue and Accommodation

The programme will be held at the Indian Institute of Management, Ahmedabad. Participants would get a full board and air-conditioned single room accommodation on the Institute campus.

IIMA norms do not allow participants to have guests stay with them during the programme.

Programme Fee & Payment

INR 1,20,000 (+15% Service Tax) per person for participants from India and its equivalent in US Dollars for participants from other countries. The fee includes tuition fees, programme materials, boarding and lodging.

The programme fee should be received by the Executive Education Office latest by **May 26, 2017**. In case of cancellations, the fee will be refunded only if a request is received at least 15 days prior to the start of the programme. If a nomination is not accepted, the fee will be refunded to the person/organisation concerned.

The programme fee can be paid in any one of these three ways:

[A] Electronic Fund Transfer

1. Name of Beneficiary:

Indian Institute of Management, Ahmedabad

2. Savings Bank A/c No. 9369EEP, YES Bank Limited, C. G. Road Branch, Ahmedabad (IFSC: YESB0000007, SWIFT Code: YESBINBB)
3. Name of Remitter: _____ (Please mention the name of the sponsoring organisation)
4. Purpose of Remittance:
Advanced Derivatives - Options
5. IIMA Permanent Account Number (PAN): AAAT11247F
6. IIMA Tax Deduction Account Number (TAN): AHMI00189A
7. IIMA Service Tax Registration Number: AAAT11247FST001

After making the payment, please e-mail us the complete transaction details immediately so that we can link your remittance with your nomination.

[B] Payment Gateway

Please visit the IIMA website (www.iima.ac.in/exed) for more information.

[C] Demand draft/cheque payable at par

The cheque/draft should be in favour of "**Indian Institute of Management, Ahmedabad**" and sent directly to the Executive Education Office through courier or speed post.

Discount

Early Bird Discount: Nominations received with payments on or before **May 19, 2017** will be entitled to an early bird discount of 7%. Early submission of fee and nomination does not however guarantee acceptance of the application.

Group Discount: Any organisation sponsoring four or more participants will be entitled to a discount of 7% on the total fee payable provided that at least four participants actually attend the programme. Organisations can avail themselves of both the discounts subject to a maximum overall discount of 10%.

Any organisation sponsoring 25 or more participants across all the programmes in one academic year will be entitled to an overall discount of 15% on the programme fee payable.

The above discounts will be applicable only when the requisite numbers of participants actually attend the programmes.

Alumni Association

Participants who are attending short-duration Executive Education Programmes for the first time on or after April 1, 2012 will have to attend for a total of 21 days in one or more programmes in order to be eligible for alumni status and the alumni identity card, both of which will be awarded on the payment of a one-time alumni fee of INR 10,000.

Indian Institute of Management, Ahmedabad (IIMA)

IIMA was set up by the Government of India in collaboration with the Government of Gujarat and Indian industry as an autonomous institution in 1961. The Institute provides education, training, consulting and research facilities in management.

NSE Academy Limited (NAL)

NSE Academy is a wholly-owned subsidiary of National Stock Exchange of India. NSE Academy straddles the entire spectrum of financial courses for students of standard VIII and right up to MBA professionals. NSE Academy has tied up with premium educational institutes in order to develop pool of human resources having right skills and expertise which are apt for the financial market. NSE Academy, which promotes financial literacy as a necessary life skill. NSE Academy's initiatives, including partnerships with state and national school boards and schools, interactive courses on personal finance and certification programs, teach school children, homemakers and other non-finance professionals the value of investing, provide an introduction to the Indian capital markets and help to develop new market professionals.

Major Programmes Offered by IIMA

- Two-Year Post-Graduate Programme in Management (equivalent to MBA)
- Two-Year Post-Graduate Programme in Food and Agribusiness Management (equivalent to MBA)
- Fellow Programme in Management (equivalent to Ph.D.)
- One-year Post-Graduate Programme in Management for Executives
- Executive Education Programmes (EEP) for industry, business, agricultural and rural sectors, and public systems covering education, health, transport and population
- Faculty Development Programme for teachers in universities and colleges

The Institute has about 97 faculty members working in the following management areas and sectors:

Disciplinary Areas and Groups

- Business Policy
- Communications
- Economics
- Finance and Accounting
- Human Resource
- Management
- Information Systems
- Marketing
- Organisational Behaviour
- Production and Quantitative Methods
- Public Systems Group

Interdisciplinary Centres

- Centre for Gender Equity, Diversity and Inclusivity
- Centre for Innovation, Incubation and Entrepreneurship
- Centre for Infrastructure Policy and Regulation
- Centre for Management in Agriculture
- Centre for Management of Health Services
- Centre for Retailing
- IIMA-Idea Telecom Centre of Excellence
- India Gold Policy Centre
- Insurance Research Centre
- Ravi J. Matthai Centre for Educational Innovation

Kasturbhai Lalbhai Management Development Centre

(KLMDC) located on the IIMA main campus and the International Management Development Centre (IMDC) located on the new campus, provide an academic and learning environment for participants of the Executive Education Programmes. All rooms at KLMDC and IMDC are air-conditioned and have internet connectivity. They have separate dining halls, a reading lounge, classrooms and auditorium (with audio-visual and computer projection facilities), syndicate rooms and computer lab. The campus is Wi-Fi enabled. Recreation facilities exist for indoor and outdoor games (badminton, basketball, billiards, carrom, chess, cricket, football, squash, TT and volleyball). Participants can also take advantage of the Institute's library.



कार्यकारी शिक्षा कार्यक्रम
भारतीय प्रबंध संस्थान, अहमदाबाद

Executive Education
INDIAN INSTITUTE OF MANAGEMENT, AHMEDABAD

Vastrapur, Ahmedabad - 380 015, India
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 **NSE ACADEMY**

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