

## **NCDEX Commodity Professional Programme**

### **Aim of the Programme**

The aim of this Programme is to equip learners with both academic and applied knowledge pertaining to commodities trading. The course provides the right blend of theoretical understanding of the concepts and practical application of strategies, along with an exposure to simulated trading using live commodity exchange data.

### **Timings and Duration**

9:30/10:00 am -12 noon (9<sup>th</sup> November to 5<sup>th</sup> December 2009)

### **Fees Structure**

Commodity Professional Programme is priced at Rs. 15,000. This price includes:

1. Course registration fees
2. Fees towards the Commodity Certification Course, including the cost of course study manuals, e-learning facility, final examination fees and help desk access over e-mail and phone.
3. Classroom training
4. Simulated trading
5. Course evaluation and testing charges, including project assignment.

### **Venue:**

NCDEX Institute of Commodity Markets and Research (NICR),  
2<sup>nd</sup> Floor, Jeevan Vihar Building,  
New Delhi-110001

### **Registration**

To register, learners are required to submit a duly filled form (available at <http://www.nicrindia.com/wfrmEducationandTraining.aspx>) with a demand draft made in favour of "NCDEX Institute of Commodity Markets & Research" at the premises of the Institute. Contact: (011)-66114809, 66114841

### **Course Delivery Mode**

The NCDEX Commodity Professional Programme is a part-time programme of 50 hours spread over 4 weeks. It is based on a blended design (e-learning + classroom training + simulated trading) with 30 hours dedicated to classroom training and 20 hours to simulated trading using live data. The course material (both in print and online) is delivered over two segments: an introductory segment and an applied segment. The

Programme is designed to be learner friendly. The endeavour is to help learners to not only understand commodity markets and derivatives but also to develop the requisite skill set for analyzing such markets.

### **Syllabus Structure**

#### Introductory Segment: Introduction to Commodity Derivatives

##### Module 1 - Understanding Commodity Markets

Unit 1: Physical Commodity Markets

Unit 2: Need for an Organized Exchange

##### Module 2 - Understanding Derivatives

Unit 1: Types of Derivatives

Unit 2: Pay-off for Derivative Positions

Unit 3: Commodity Derivatives vs. Financial Derivatives

Unit 4: Derivative Market Participants

##### Module 3 - Commodity Exchanges

Unit 1: Global Exchanges

Unit 2: Indian Exchanges

Unit 3: Functions and Roles of an Exchange

##### Module 4 - Pricing Of Futures

Unit 1: Pricing

Unit 2: Convergence of Spot and Futures Prices

##### Module 5 -Basic Principles of Hedging, Speculation and Arbitrage

Unit 1: Hedging

Unit 2: Speculation

Unit 3: Arbitrage

#### Applied Segment: Commodity Price Analysis and Exchange Trading Strategies

##### Module I - Price Analysis of Commodities - Fundamental Approach

Unit 1: Supply and Demand of Commodities

Unit 2: Fundamental Analysis of Copper

Unit 3: Fundamental Analysis of Sugar

## Module 2: Price Analysis of Commodities – Technical Approach

Unit 1: Price Patterns

## Module 3: Speculation and Arbitrage Strategies

Unit 1: Speculation Strategies

Unit 2: Arbitrage Strategies

## Module 4: Hedging Strategies

Unit 1: Basic Principles

Unit 2: Application of Hedging Strategies

Unit 3: Using Futures for Benefit of Farmers

## Module 5: Functioning and Regulation of Exchanges

Unit 1: Members and Clients

Unit 2: Risk Management

Unit 3: Regulatory Framework

## Module 6: Exchange Transactions

Unit 1: Electronic Transactions

Unit 2: Technology

## Module 7: Settlement

Unit 1: Process of Settlement

## Module 8: The Underlying Market in Agricultural Commodities

## Module 9: The Underlying Market in Metals And Energy

### **Faculty**

The Commodity Professional Programme will be imparted by NICR's professional faculty as well as expert faculty drawn from NCDEX, business and trade.

### **Assessment Structure**

Learners will undergo a two-stage assessment.

- A self-administered online test at the end of the first segment of the course. Passing in this test would be a pre-requisite for appearing in the final online examination.

- Final examination in the form of an online test conducted at ATTEST Centres.

Completing the 'NCDEX Commodity Certification Course' is an integral part of the Commodity Professional Programme. Upon successful completion of the Commodity Professional Programme, the students will receive the NCDEX Commodity Professional Certificate.

**Who will benefit from the Programme?**

The course will be found highly useful by students who wish to take up highly lucrative careers in

- brokerage firms dealing in commodities/derivatives, in both the trading and back-office activities
- companies and other organizations dealing in commodities such as agricultural products, metals or oil, who would gain knowledge on trading and hedging strategies that would support their risk management policy.
- Commodity exchanges in product development, risk management, marketing and back office support.
- Commodity Research

This course is designed to impart knowledge to student learners, especially those in business schools, the teaching community, commodity market participants, business managers and the general public.