

## **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.

### **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 analysing 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 three-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.
- Submission and evaluation of a project assignment
- 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 Programme will be found useful by students who wish to take up highly lucrative careers in brokerage firms dealing in commodities /derivatives. The course will be specially useful to finance officers working in organizations dealing in commodities such as agricultural products, metals or oil. They will gain knowledge of trading, hedging and arbitrage strategies and acquire a deep understanding of commodity markets in India and abroad through classroom training and simulated trading using live data.

### **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.

### **Registration**

To register, learners are required to submit a duly filled form with a demand draft made in favour of "NCDEX Institute of Commodity Markets & Research" at the premises of the Institute.

### **Key Partnerships**

NICR has joined hands with C&K Management Ltd., a pioneer in the field of E-learning and content development, as content partner and with Attest, the on line-testing arm of Aptech Limited, as examination partner. It has collaborated with Omnesys for providing the simulated trading platform.