CRITERION 1

1.3.2. Number of value-added courses for imparting transferable and life skills offered during last five years

SUBMITTED TO

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BY

N. L. Dalmia®
Institute of Management Studies and Research
(A School of Excellence of N. L. Dalmia Educational Society)

N. L. DALMIA INSTITUTE OF MANAGEMENT STUDIES AND RESEARCH

FOR

NAAC ACCREDITATION SECOND CYCLE 2022

Number of value-added courses for imparting transferable and life skills offered during A.Y.2017-18

![N. L. Dalmia logo] **N. L. Dalmia®**
Institute of Management Studies and Research
(A School of Excellence of N. L. Dalmia Educational Society)

Supporting Documents

1.3.2. Number of value-added courses for imparting transferable and life skills offered during last five years

Sr. No.	Details
	Number of value-added courses for imparting transferable and life skills offered during A.Y.2017-18
1	Certificate Program in Technical Analysis
2	Forex and Treasury Management
3	Bloomberg Training (a) Bloomberg Market Concepts (BMC) Certificate (b) Bloomberg Analyst Certificate
4	Commodities Market Awareness Program
5	Block Chain Technology

A.Y. 2017-18
Certificate Program in Technical Analysis

N. L. Dalmia®
Institute of Management Studies and Research
(A School of Excellence of N. L. Dalmia Educational Society)

Report on Value Added Course

Title of the course- "Technical Analysis"

Venue- N.L. Dalmia Institute of Management Studies and Research

Dates- 6th May 2018 to 3rd June 2018

Duration of the Course -30 hours

Timings - 6th May 2018, 13th May 2018,20th May 2018, 27th May 2018 and 3rd June 2018 (All Saturdays 10am to 5pm)

Resource Person- Mr. Vishal Dalvi, Founder & CEO, Waves Advisory

Brief Description-

There was 30 hour value added program conducted by Mr. Vishal Dalvi (Aluminous of NLDIMSR) between 6th May 2018 to 3rd June 2018 on technical analysis with topics such as Dow theory, Classical price patterns, Candle sticks patterns, Momentum indicators, Elliot wave Principle, Fibonacci Retracements and Projections, Practical application and forecasting on Index Nifty/ Sensex various stocks and Designing an Algorithm Trading System using Technical Analysis. It was competed by all the 38 students who had enrolled for the course.

Course Structure of Technical Analysis program

By Vishal Dalvi

at

N. L. Dalmia Institute of Management Studies And Research

Days	Particulars
Day 1	**Introduction to Technical Analysis** - Why Technical Analysis? - Fundamental Analysis vs Technical Analysis - Types of charts **Dow theory**
Day 2	**Classical price patterns** - Rectangle, Head & Shoulder, Double triple tops and bottoms, triangles, Flags, Rounding bottom, Cup and Handle, Island reversals - Application and Trading/Investing using Price patterns
Day 3	**Candle sticks patterns** **Momentum indicators** - (RSI, MACD, ADX, Bollinger, Stochastic and many more). - Moving averages and its variations **Trend lines & channels**
Day 4	**Elliot wave Principle** **Fibonacci Retracements and Projections**
Day 5	**Introduction to Harmonic Trading Patterns** **Practical application and forecasting on Index Nifty/ sensex various stocks** **Designing an Algorithm Trading System using Technical Analysis**

N. L. Dalmia®

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(A School of Excellence of N. L. Dalmia Educational Society)

A.Y.2017-18
Certificate Program in Forex and Treasury Management

Report on Value Added Course

Title of the course- "FOREX & TREASURY MANAGEMENT"

Venue- N.L. Dalmia Institute of Management Studies and Research

Dates- 11th February 2018 to 4th March 2018

Duration of the Course -30 hours

Timings - 11th Feb 2018,18th Feb 2018,25th Feb 2018 and 4th March 2018 (All Sundays 10am to 5pm)

Resource Persons-

1. Mr. Pranesh Upadhyay, Founder and Managing Partner, BlacPearl
2. Mr. Ankit Patodia, Managing Partner, BlacPearl
3. Mr. Jimit Sanghavi, Fund Manager, BlacPearl

Brief Description-

There was 30 hour value added program conducted by Mr. Pranesh Upadhyay,Mr. Ankit Patodia, Mr. Jimit Sanghavi between 11th Feb 2018 to 4th March 2018 on FOREX & TREASURY MANAGEM with topics such as foreign exchange market, money market, bond market operations and related financial products. It was competed by all the 97 students who had enrolled for the course.

BLACPEARL

Proforma Invoice

Name & Address	Bill No.	BP-20180301-01
N L Dalmia Institute of Management Studies **Srishti, Sector 1,** **Mira Road (E), Mumbai Metropolitan Region - 401104**	**Date:**	1-Mar-18

Particulars		Amount (Rs.)
Being Profession Fees for Treasury Training Program		60,000
	SGST @ 9%	5,400
	CGST @ 9%	5,400
	Total	**70,800**

Rupees Seventy Thousand Eight Hundred   only

PAN No. AAPFB9182R
GST No. 27AAPFB9182R1ZC
Service Category: Management Consultancy

Mode of Payment : Cheque / DD Payable at Mumbai in Favour of **"BlacPearl Consultancy LLP"**

For Electronic Transfers (RTGS / NEFT / IMPS) :
Bank: State Bank of India
Branch: Malad West
A/c Name: Blacpearl Consultancy LLP
A/c Number: 35599541299
IFS Code: SBIN0000552

For BlacPearl Consultancy LLP

(Authorised Signatory)

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A.Y. 2017-18
Bloomberg Market Concepts (BMC)
Certificate

Course Plan

Program	PGDM (Finance)
Course Title	Bloomberg
Course Credit	NA
Academic Year	2017-18
Batch	2017-19
Semester	I & II
Duration (Hrs)	90
Name of the Faculty	Prof. Prakash Rathod
HOD	Dr. Anil Gor

1.Course Overview

Universities, colleges and corporates around the globe use Bloomberg to bring the real world of finance into the classroom, providing students with access to the same information platform used by leading decision makers in business, finance and government.

The Bloomberg Professional service and Bloomberg Terminal seamlessly integrate the very best in data, news and analytics. The Terminal is a 24-hour, global financial services system that provides transparent and reliable financial, economic and government information covering all market sectors. It features company financials, market data spanning more than 20 years, charts, statistics, a communications platform and current news reports.

The Bloomberg Terminal brings together real-time data on every market, breaking news, in-depth research, powerful analytics, communications tools and world-class execution capabilities — in one fully integrated solution.

Up-to-the-minute access to the news that matters, that moves markets and that changes the course of a business can make all the difference. News is reported when it happens, from where it happens. With more than 2,700 news professionals in 120 countries, Bloomberg's award-winning coverage of companies, markets, economies, politics and governments ensures that you get the information you need when you need it most.

Bloomberg has a broad range of research offerings including direct access to sell-side and independent research from more than 1,500 sources, as well as proprietary, analyst-driven research that provides a comprehensive view of industries and their key constituents with unsurpassed depth and breadth at the sector, industry and company levels. This course is intended to provide an overview of the Bloomberg Professional service so students can get started using this powerful tool.

N.L. Dalmia Institute of Management Studies and Research is the first Institute to set up the Bloomberg lab in Mumbai to provide students an extremely focused and high end knowledge programs with a high degree of practical learning and on-the-Job applicability especially for finance & research students.

2.Course Outcomes (CO)

Sr. No	At the end of the course students will be able to :
CO1	Illustrate the world equity Indices, world economic indicators, Statistics, world center banks, Industries and all financial On & Off market instruments. Liquidity, volatility, maturity, and pricing of various financial instruments issued across domestic and foreign markets.
CO2	Provides a comprehensive overview how students can import Bloomberg data into Microsoft Excel. It includes a step-by-step guide, cheat sheets and descriptions of recent enhancements. Will also display information on performing Bloomberg calculations in Excel.
CO3	Analyze Portfolio and risk analytics, monitoring, characteristics, attribution, historical performance & pinpoint the sources of active risk in portfolios with fundamental risk factor Models.
CO4	Get 2 Bloomberg Technical Training Certifications namely Bloomberg Market Concepts (BMC) and Bloomberg Analyst Certification

3. Course Overview

Module No.	Topic	Sessions
1	**Introduction and System Navigation:** Introduction to Bloomberg Key Board navigation Basic commands Understand Bloomberg Terminals, History, founder, Login credentials, Explain the Bloomberg Keyboard The red stop keys, green action keys and yellow market sector keys help you access information quickly and easily. ACCESSING THE APPLICATION; Bloomberg panels, settings, create a login name and password when logging in for the first time & instruction on working on Bloomberg terminal. 1. BU – Bloomberg University 2. MAG – Bloomberg Magazine 3. CN – Current News 4. NI – Search News for Specific Category 5. TNI – Search News by Keyword **Types of Functions** **Non-security functions** - Non-security functions provide information or analysis on an entire market sector and do not require a loaded security. **Security-specific functions** - Security-specific functions analyze a loaded security. **Using Functions** - There are two main way to run functions, depending on whether or not you know the function mnemonic (a short, memorable name or code).	1-3

Module No.	Topic	Sessions
	Economic indicators: Discover the fundamentals of how economic indicators are published and analyzed using various Bloomberg functions. **Illustrate various world & domestic Economic Indicators Bloomberg Commands** 1. WECO - World economic calendar 2. ECST - Macroeconomic parameters 3. EMKT -Emerging Market trends 4. ECOW -World eco stats 5. WEI – World equity Indices 6. World central bank portals. 7. ECO - Economic calendars of countries 8. FCON - Financial condition monitor for a country 9. IFMO - Inflation monitor 10. CENB - Central bank finder (select region -> central bank) 11. ECFC - Economic forecasts & indicators 12. ECTR - Trade flow analysis 13. ECSU - Economic surprise monitor 14. WIRP - World int rate probability 15. ECWB - Economic workbench	4-13
3	**Equities:** A deep immersion into the exciting, volatile world of equity investing, with such sub modules as Introducing the Stock Market, The Nature Of Equities, Equity Research, Absolute Valuation, and Relative Valuation. Many Terminal functions are covered and students will leave course with a deep and robust knowledge base to build upon. **Equity Overview & Illustrate various Equity Bloomberg Commands** 1. DES – Security Description 2. TK – Ticker Symbol lookup 3. SECF – Security Finder 4. MGMT – Company management 5. HP – Historic Price 6. GP – Graph Price 7. HCPI – Historic Open, High, Low and Closing prices 8. DVD – Dividend and Split details 9. CACS – Corporate Action Summary 10. EE – Earnings & Estimates	14-24

Module No.	Topic	Sessions
	1. GIP – Intraday Price Chart 2. GPO – Year to Year Price Chart 3. ANR – Analysts Recommendation 4. RV – Relative Valuation 5. MA – Mergers & Acquisition 6. CNDL – Candlestick Chart 7. COMP – Compare two securities while viewing a graph 8. MOST – Most Active Securities 9. FUND – Mutual Fund Search 10. EVTS – Company Events 11. CN – Current News 12. NI – Search News for Specific Category 13. 23.PORT - portfolio & risk analytics 14. KI - Key insights 15. SPLC- Supply chain analysis 16. TMSG - Trade ideas etc.	
4	**Bloomberg Market Concepts:** Bloomberg Technical Training Certification.	25-32
5	**Money Market:** T-bills, Commercial Paper, Call money market, Commercial Bill Market, Repo and Reverse Repo. function to learn more about money markets **Money market overview & Illustrate various Equity Bloomberg Commands** 1. Treasury and money markets BTMM 2. Multi-asset markets monitor 3. OTC Money market program list PGM 4. Money markets rates MMR **Repo** 1. Repo/Reverse repo analysis RRRA 2. Buy/Sell back repo analysis BSR 3. Bond forward price analysis FPA 4. Cost of carry for a bond COC 5. Cross-Currency repo calculator FE6 **Markets monitoring** 1. World interest rates probabilities WIRP 2. Implied market policy rates MIPR 3. Spot/Forwards monitor FXFR 4. Interest rates swaps monitor IRSB 5. Forward curve matrix FWCM 6. Money market new issuance NIM	32-35

Module No.	Topic	Sessions
	Trading solutions & execution 1. Treasury console TCON 2. Money market offerings ECPX / BOOM 3. Electronic FX trading FXGO 4. Tri-Party/General RPOV 5. collateral repo ticket IB Dealing IBD 6. Tri-Party confirmation ticket TCNF 7. Repo confirmation RRRA 8. Request for repo inquiries RPOQ 9. Excel templates for money market XLPT **Pricing & analysis** 1. Arbitrage opportunities FXFA for deposit rates FX 2. Forward calculator FRD 3. Synthetic FRAs EDSF 4. Swaps calculator SWPM 5. Cross currency funding XCF 6. Liquidity assessment LQA **Additional information** 1. Calendar for all countries CDR 2. Days between dates DCX 3. Money market curves MMCV 4. Global prime rates PRIM 5. Treasury bill auction AUCR 6. Private money market security add DES ADD	
6	**Fixed income securities/ Bond Market:** Deep into the world of Fixed Income, with sub modules including The Roots Of The Bond Market, Bond Valuation. Drivers, Central Bankers & Interest Rates, The Yield Curve & Why It Matters, and Movements In The Yield Curve. A number of key Terminal functions covering FI will be explored. **Bond market overview & Illustrate various Equity Bloomberg Commands** 1. WB - World bond market (select region) 2. SRCH -Fixed income search (ask question -> result) 3. GIQ - intraday market chart 4. BXT -Buy ticket 5. SXT - Sell ticket 6. CRPR - Credit rating profile 7. FIPX - Fixed income price discovery 8. NIM - New issue monitor 9. WBF - world bond futures 10. FICM - Fixed income credit monitor	36-42

Module No.	Topic	Sessions
	11. FIRV - Fixed income relative value 12. FIW - Fixed income worksheet 13. STNI - suggested news filters 14. RATC - rating changes	
7	## Currencies/FX Market: Currency Market Mechanics, Currency Valuation, Central Banks and Currencies, and Currency Risk, you can help students start to master liquidity, investment, and cross-border Analytics capital flows. An array of Terminal functions will be utilized. **FX market overview & Illustrate various Equity Bloomberg Commands** **NEWS & RESEARC** 1. First Word for FX FIRS 2. Virtual currency monitor VCCY 3. Key FX news NI FXKEY **IDEA GENERATION** 1. FX Information Portal FXIP 2. Rank and compare currencies WCRS 3. Custom real-time FX dashboards XDSH 4. FX forecasts FXFC 5. FX probability calculator FXFM 6. Customize and backtest FX trade strategies FXSW 7. Bloomberg U.S. Dollar Index BDXY 8. Share and track FX ideas IDEA 9. Implied volatility matrix WVOL **MARKET MONITORS & PRICING** 1. Executable based pricing BGNE 2. All quotes for a currency instrument ALLQ 3. Spot and forward fixing rates BFIX 4. World currency spot rates WC 5. Cross currency basis swap spreads XCCY 6. Foreign exchange pricing defaults XDF **CALCULATORS** 1. Calculate and monitor FX forwards FRD 2. Options calculator OVML 3. Analyze FX and interest rate arbitrage FXFA 4. Calculate exchange-for-physical pricing EFP	43-48

Module No.	Topic	Sessions
8	**Technical indicators/Analytics and Charts:** Markets, Industry, sectors and Company in-depth analyses using Graphic fundamentals. **Explain & Illustrate various Technical / Analytical Charts** 1. Charting portal CHAR 2. Multi-asset volatility and correlation analysis VCA 3. Compare and analyze hedging strategies HWIZ 4. Graph FX term structures XCRV 5. FX trading sessions graph FX24 6. Market impact monitor ECMI 7. BETA - Historical beta 8. RITA - Real-time intraday Trade analysis 9. TAYL - Taylor rule model 10. GS - scatter chart 11. Candle Chart 12. AMZ - Score etc.	49-54

Detailed Assessment Plan *(briefly describe each component and how the students are going to be evaluated)*

Sr. No	Components with details	Individual /Group	Marks	Intended CO to be assessed
1.1	Assessment - Theory	Individual	20	CO1, CO2
1.2	Pratical /Financial Market Analyses report	Group	80	CO4, CO3
	Year End Exams – BAC		100	CO1, CO2, CO3, CO4.
	Total		100	

Prepared by: **(Faculty name and signature with date)**	**Prof. Prakash Rathod**
Approved by: **HOD – Name and signature with date**	**Dr. Anil Gor**

A.Y. 2017-18
Bloomberg Analysis Certificate (BAC) Certificate

Introductions:

Universities, colleges and corporates around the globe use Bloomberg to bring the real world of finance into the classroom, providing students with access to the same information platform used by leading decision makers in business, finance and government.

The Bloomberg Professional service and Bloomberg Terminal seamlessly integrate the very best in data, news and analytics. The Terminal is a 24-hour, global financial services system that provides transparent and reliable financial, economic and government information covering all market sectors. It features company financials, market data spanning more than 20 years, charts, statistics, a communications platform and current news reports.

This course is intended to provide an overview of the Bloomberg Professional service so you can get started using this powerful tool.

The goal is aimed at to imbibe and enhance the following skill sets:

1. Exposure to Global Markets
2. Enhancement of technological skills
3. Peer based learning
4. Experiential Learning (Learning by Action and Application) Hands on Experience working on Bloomberg terminal.
5. Investment strategy and technical analyses

Courses Agenda:

I. Economic indicators

- Discover the fundamentals of how economic indicators are published and analyzed.

- Explain the qualities of good economic indicators.

- Explore how economic indicators can be used to spot inflection points.

- Central Banks statistics

- World Economic calendar analyses

- World Trade Monitoring

- Currency circulations With sub modules like *The Primacy of GDP, Monitoring GDP,* and *Forecasting GDP*, Students can expose the most critical and basic indicators through the lens of GDP. The module covers a wide range of Terminal functions.

II Equities

- Real Time trade Analyses (RITA).

- Intraday performance of securities

- Working Capital structure

- Explore the nature and allure of equity ownership.

- Analyst Recommendations

- Back Testing

- Earnings Estimates

- Corporate Action.

- Describe how industry and supply chain analysis is foundational to equity research.

- Discover how the use of accurate industry drivers facilitates accurate earnings forecasts.

- Describe the five-step absolute valuation process and the attendant pitfalls.

- Identify the three types of relative valuation and the role of future earnings growth when assessing fair value.

- Supply chain Analyses

- Relative valuation and comparisons

A deep immersion into the exciting, volatile world of equity investing, with such submodules as *Introducing the Stock Market, The Nature Of Equities, Equity Research, Absolute Valuation,* and *Relative Valuation.*Many Terminal functions are covered and students will leave course with a deep and robust knowledge base to build upon.

III. Fixed Income

- Discover how the bond market became the biggest, most complex market in the world, as well as how it serves a vital public purpose.

- Explore how yields facilitate comparison across the vast diversity of the bond market.

- Describe how government bond yields are a yardstick by which all other investments are measured.

- Describe how bond markets instill discipline in governments around the world.

- Discover why, when and how central banks make interest rate decisions.

- Explore how bond valuation is driven by creditworthiness, inflation and central bank interest rates.

- Describe the importance of the yield curve to businesses and consumers around the world.

- Interpret the meaning of the four major shifts in the yield curve and the meaning of curve inversion.

Deep into the world of Fixed Income, with sub modules including *The Roots Of The Bond Market, Bond Valuation Drivers, Central Bankers & Interest Rates, The Yield Curve & Why It Matters,* and *Movements In The Yield Curve.* A number of key Terminal functions covering FI will be explored.

IV. Currencies:

- Real time world currencies exchange rate analyses

- Real time world currency matrix

- Explore the history and mechanics of currency markets.

- Identify the three main drivers of currency valuation.

- Discover the role of central banks in guarding against inflation and deflation.

- Demonstrate how investors and businesses are affected by currency markets and how they manage currency risk.

With submodules on *Currency Market Mechanics, Currency Valuation, Central Banks and Currencies,* and *Currency Risk*, you can help students start to master liquidity, investment, and cross-border Analytics capital flows. An array of Terminal functions will be utilized.

V. Technical indicators/Analytics and Charts:

- ✓ Line Charts
- ✓ Candle Charts
- ✓ Heikin-Ashi
- ✓ Simple Average Moving Method (SAM)
- ✓ Ratio Analyses.
- ✓ Balance sheet Analyses
- ✓ M&A Analysis
- ✓ Structured Finance
- ✓ Company in-depth analyses

VI. Bloomberg Certifications

A. Bloomberg Markets Concepts
B. Bloomberg Analyst Certificates

Bring the markets into classroom by offering foundational content with clearly defined goals. Technical Analyses and other real-world examples act as a complement to syllabus.

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Institute of Management
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A.Y. 2017-18
Commodities Market Awareness
Program

Report on Value Added Course

Title of the course- "Commodities Market Awareness Program"

Venue- N.L. Dalmia Institute of Management Studies and Research

Dates- 29th January,2018 to 30th January,2018

Duration of the Program -30 hours

Timings – 29th January,2018 to 30th January,2018 (Monday and Tuesday)

Resource Persons

1. **Mr. Shrikant Koundinya, V.P Marketing & Development, Multi Commodity Exchange of India Limited (MCX)**
2. **Mr. Satyajit Chattopadhyay, V.P Marketing & Development, Multi Commodity Exchange of India Limited (MCX)**

Brief Description-

There was 30 hour value added program conducted by Mr. Shrikant Koundinya and Mr. Satyajit Chattopadhyay between 29th January,2018 to 30th January,2018 on Commodities Market Awareness with topics such as Commodity Derivatives, Regulations & International Exchanges, Exchange Risk Management & Surveillance, An Overview of Contract Specification, Clearing & Settlement (Including Delivery), Basis & Basis Risk, Hedging , Arbitrage & Spread, Basic Options and Advanced Options, followed by View Terminal/ Fundamental Analysis/Misc/Discussion. It was competed by all the 160 students who had enrolled for the course.

Fw: 2 Day Commodity Programme

Anil Gor <anil.gor@nldalmia.edu.in>
Sat 1/27/2018 4:29 PM

To: Hitesh Jain <hiteshjain2611@gmail.com>

Hitesh
Shrikant Koundinya and Satyajit Chattopadhyay from Corporate Training Division will visit on Monday/ Tuesday.

Dr. Anil Gor
M.Com, LL.M. M.F.M, Ph.D.FCS, CAIIB
Chairman Placements / H.O.D. (Finance)
N. L. Dalmia Institute of Management Studies & Research
Sector-1, Shristi, Mira Road , Mumbai 401104
Dir :+91 22 42990054 / 80 / 81 /82
Mobile + 91 9322242439 / 9930230374
E mail: placements@nldalmia.in / anil.gor@nldalmia.edu.in

From: Shrikant Koundinya/MCX/Training & Education <Shrikant.Koundinya@mcxindia.com>
Sent: Friday, January 5, 2018 11:22 AM
To: Anil Gor
Cc: Satyajit Chattopadhyay/MCX/Training & Education; Sandeep Kalambate/MCX/Training & Education; Girish Dev/MCX/Strategy and Enterprise Risk Management
Subject: RE: 2 Day Commodity Programme

Dear Sir,
Auditorium will be fine.
We hope 150 students will register before the programme starts as they would then get the reading manual and perhaps read-up a little before the training programme.
Request you to arrange for a cordless/collar mic so that the speaker is mobile.

Regards
Shrikant Koundinya
Training, Certification & Education
MCX (I) Ltd.
Mobile +91-9619178846
E-mail: shrikant.koundinya@mcxindia.com
URL: www.mcxindia.com
For more information on training click https://www.mcxindia.com/education-training

MCX
METAL & ENERGY
Trade with Trust

From: Anil Gor [mailto:anil.gor@nldalmia.edu.in]
Sent: Friday, January 05, 2018 10:17 AM
To: Shrikant Koundinya/MCX/Training & Education <Shrikant.Koundinya@mcxindia.com>
Subject: Re: 2 Day Commodity Programme

Thank you very much.Since we have about 150 finance students we will be holding this in our auditorium. Will that be ok?

Dr. Anil Gor
M.Com, LL.M. M.F.M, Ph.D.FCS, CAIIB
Chairman Placements / H.O.D. (Finance)
N. L. Dalmia Institute of Management Studies & Research
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Dir :+91 22 42990054 / 80 / 81 /82
Mobile + 91 9322242439 / 9930230374
E mail: placements@nldalmia.in / anil.gor@nldalmia.edu.in

From: Shrikant Koundinya/MCX/Training & Education <Shrikant.Koundinya@mcxindia.com>
Sent: Monday, January 1, 2018 2:44 PM
To: Anil Gor
Cc: Satyajit Chattopadhyay/MCX/Training & Education; Sandeep Kalambate/MCX/Training & Education
Subject: 2 Day Commodity Programme

Dear Sir,
Wishing you a Very Happy New Year 2018!

PFA our schedule that has been designed for the 2 day commodity programme scheduled for **29ᵗʰ &
30ᵗʰ January**.
We hope you will have a large batch attending. We would also be happy if your faculty is also involved so that they may address student queries and perhaps deliver on some of the sessions in the future.

We also hope that students will enroll for the MCCP Test. (Students who enroll by paying Rs1500/- plus GST, get a MCCP manual & one attempt at the examination)

Requirements: Screen/projector and a cordless mic.

Warm regards
Shrikant Koundinya
Multi Commodity Exchange of India Ltd.
Mobile +91-9619178846
E-mail: shrikant.koundinya@mcxindia.com
URL: www.mcxindia.com
For more information on training click https://www.mcxindia.com/education-training

MCX
METAL & ENERGY
Trade with Trust

A.Y. 2017-18
Block Chain Technology

Report on Value Added Course

Title of the course- "Block Chain Technology"

Venue- N.L. Dalmia Institute of Management Studies and Research

Dates- 11th March 2018 to 18th March 2018

Duration of the course -30 hours

Timings – 11th March 2018 (Sunday 1pm to 5pm and 18th March 2018 Sundays 1pm to 6.30 pm)

Resource Persons

1. **Mr. Nishant Mitra, Senior Manager, Block chain Semantics**
2. **Mr. Abhishek Singh, Senior Manager, Block chain Semantics**
3. **Mr. Vishwanath Kapavarpu, Senior Manager, Block chain Semantics**

Brief Description-

There was 30 hour value added program conducted by Mr. Nishant Mitra, Mr. Abhishek Singh,Mr. Vishwanath Kapavarpu between 11th March 2018 to 18th March 2018 on Block Chain Technology with topics such as How Blockchain Works, Key Principles of Blockchain, What is Cryptocurrency, Cryptocurrency Wallets , What are the applications and challenges in the Blockchain area. Final test conducted was cleared by 16 out of 32 students who had appeared for the same.

Fw: Schedule for Blockchain Semantics Certification program

Anil Gor <anil.gor@nldalmia.edu.in>
Fri 3/9/2018 10:59 AM

To: Hitesh Jain <hiteshjain2611@gmail.com>; KALPI GOPANI <gopanikalpi@gmail.com>; aarzoo Khandelwal <aarzoo.kd@gmail.com>; dhabaliahardik9508@gmail.com <dhabaliahardik9508@gmail.com>
Cc: Faculty <faculty@nldalmia.edu.in>

Dear All,

Two day Program on Blcok chain Technology byy Trainers from Symentic Block chain technology will commence on 11th March from 1.00 pm sharp to 5.00pm and end on Sunday 18th March 1.00pm to 6.30 pm with class test at the end.Details of contents of program are given in the mail forwarded herewith..Those who want to attend must pay Rs.2000/- per participant on or before Saturday,10th March. FACULTY isalso welcomed to join.

Those student who ahve alredy paid for the program should give their names and e mail to Hitesh Jain who in turn should give me the consolidated list of student with e mail as the trainers would create their on line log in id for the course.

Please circulate this mail to all the students.If there are less than 40 students we will conduct the same in MDC or else, in Seminar Hall. Hope to see you on Sunday by 12.45 pm

Dr. Anil Gor
M.Com, LL.M. M.F.M, Ph.D.FCS, CAIIB
Chairman Placements / H.O.D. (Finance)
N. L. Dalmia Institute of Management Studies & Research
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Dir :+91 22 42990054 / 80 / 81 /82
Mobile + 91 9322242439 / 9930230374
E mail: placements@nldalmia.in / anil.gor@nldalmia.edu.in

From: Divya Singh <divya@blockchainsemantics.com>
Sent: Thursday, March 8, 2018 6:16 PM
To: Anil Gor; amit@blockchainsemantics.com
Subject: Schedule for Blockchain Semantics Certification program

Hi Sir,

Introduction to Blockchain and Bitcoin lectures will be taken on 11th and 18th March.

Instructors:

Nishant Mitra

Abhishek Singh

Vishwanath Kapavarapu

Schedule:

11th March:

1:00 PM to 5:00 PM

Blockchain and Cryptocurrency Basics

- How Blockchain Works

- What is Cryptocurrency

- What are top cryptocurrency

- Cryptocurrency Wallets

- Understand all Inherent Risks

- Should Invest in Mining

18th March:

1:00 PM to 4:00 PM

-Key Principles of Blockchain

-Consensus Algorithm

-Journey of Blockchain

-Key Characteristics

-How Blockchain works

-Applications

-Challenges

4:00 PM to 6:00 PM- Test

Thanks

BLOCKCHAIN
S E M A N T I C S

Chinmaya Sharma

- IIT KGP AEROSPACE ENGG. 2009
- IIM BANGALORE (DIRECTOR'S MERIT LIST) 2011
- BOOTH SCHOOL OF BUSINESS, CHICAGO 2010
- BAIN & CO. 2011-2015
- MACQUARIE SINGAPORE, 2010

Amit Dudani

- Senior manager – Academic Affiliations
- +4 Years experience with Microsoft Learning Academy
- 50+ College Affiliations

BLOCKCHAIN
S E M A N T I C S

Proposal

On-Campus Certification Program for 'Blockchain Solutions Specialist'

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S E M A N T I C S

To
Dr. Gor
N.L. Dalmia, Mumbai, Maharashtra

Dear Sir,
With reference to our discussion, kindly find below the proposal from Blockchain Semantics for On-Campus Certification Program for 'Blockchain Solutions Specialist' bundled with free Instructor-led workshops for students, along with details of benefits to students and faculty members.

• **Annex 1: Affiliations**
• **Annex 2: Sample Copy of Certifications**
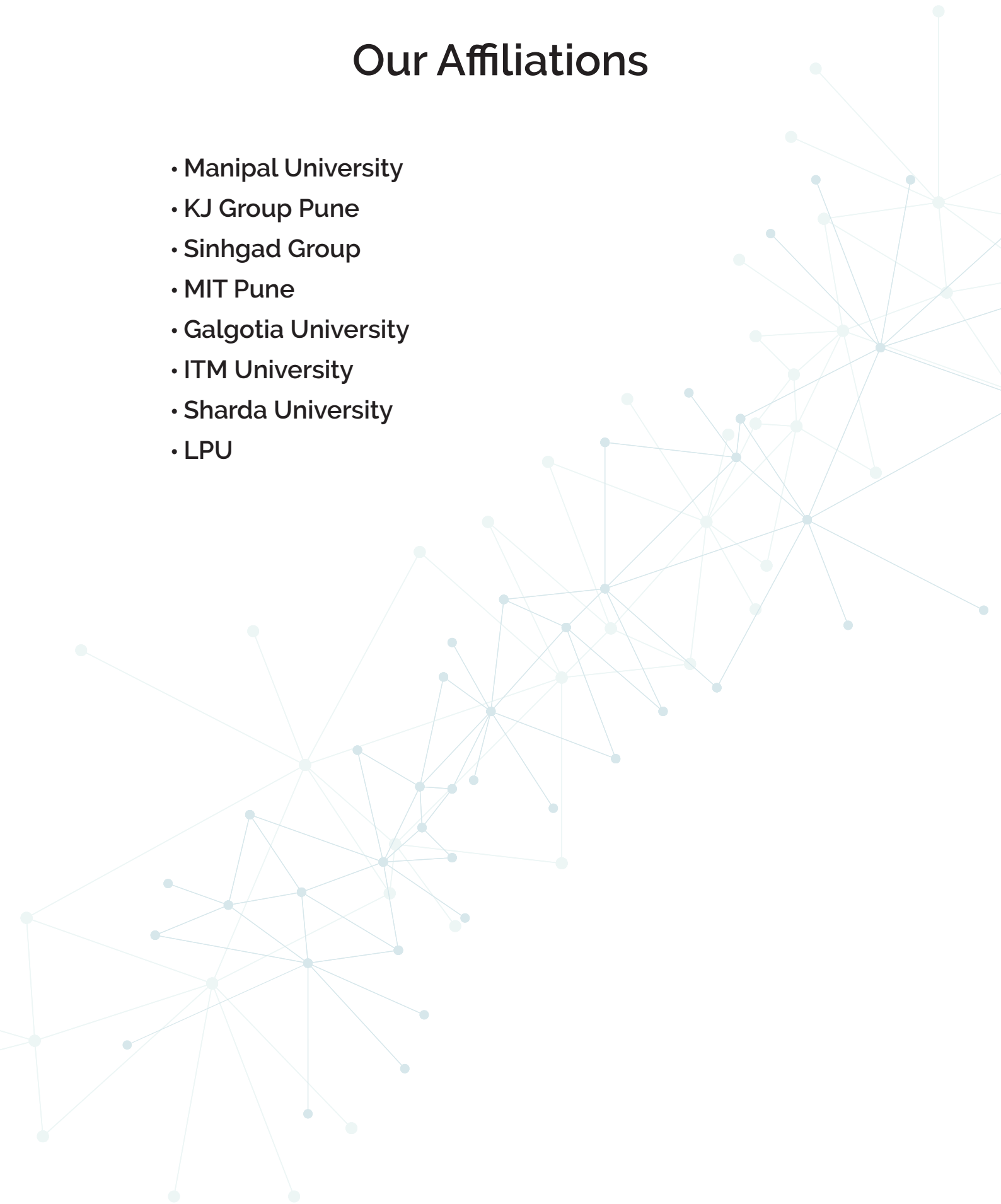• **Annex 3: Product details**
• **Annex 4: Terms and Conditions**

Thanks & Regards
Amit Dudani
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Blockchain Semantics
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07021788949

Our Affiliations

- Manipal University
- KJ Group Pune
- Sinhgad Group
- MIT Pune
- Galgotia University
- ITM University
- Sharda University
- LPU

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Blockchain Solutions Expert
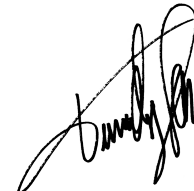
This is to acknowledge that

John Deo

has successfully completed the course Introduction to Blockchain and met all the criteria for

Blockchain Solutions Expert

certification through examination & traning by Blockchain Semantics

Issued on: December 22, 1987

Program Director

About the program

This course is designed to help students understand the basics as well as advanced aspects of the Blockchain technology whether or not they have a technical back-ground. Participants will understand what is blockchain and how it works, its journey, applications, challenges, regulations as well as the economics involved. Particpants will be ready to not just think independently about blockchain but help others along the same path.

Student Benefits for the program

1. Free workshop-based training by Industry professionals
2. Training Material (eBooks) for each participant
3. Access to Online videos library/lectures for reference after course is completed
4. Access to Blockchain Semantics community of industry leaders and
    employers- industry-first employment opportunities

Benefits to college and organizing team/faculty

1. Free participation for faculty in training
2. Certificate of Coordination after successful conduct of workshop

Other benefits to College in Publicity & Branding

1. College can highlight that they have conducted Blockchain Certification Drive
    in their campus
2. College can promote that their students are Blockchain Semantics Certified
    to prospective employers
3. Participation in future engagements like collective Faculty Development
    Programme, and other events

Duration

12 Hours

Support required from college

Permission to interact with students for a 60-120 minutes techno commercial orien-tation/seminar for creating awareness about Blockchain and how this foundational technology can impact their careers.

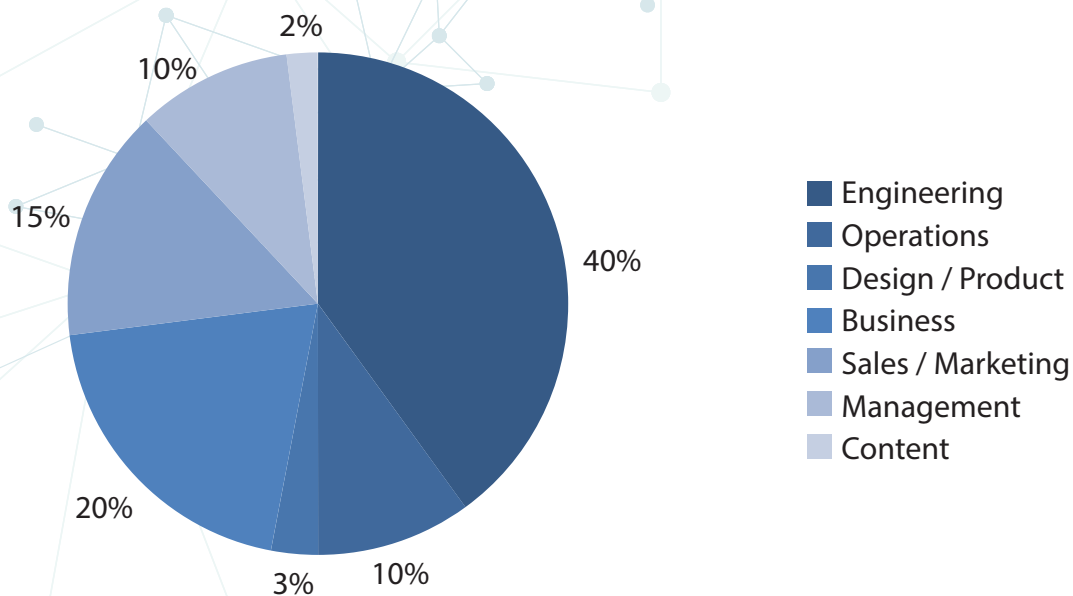## Basic Requirements & Support from College/Institution.

1. A Seminar hall/ Auditorium having
2. A Projector setup and public address system
3. Permission to start registration immediately after the seminar
4. Time Slots for conducting the workshop
5. Permission to appoint coordinators to handle local student queries etc. for the certification and free technology workshop to be conducted at the college

Certification charges & benefits for Students.

1. At a College-only fees of ₹ 15000 (incl. taxes) for current students (copy of their college id card as proof)

How will earning this certification be beneficial for students?

1. This Certification is one of the few ways students can officially validate their knowledge on Blockchain & Cryptocurrency, hence making them stand out from the crowd in a personal and professional capacity.
2. Once a student successfully gains the certification, he/she will have an all round understanding of Bitcoin and Blockchain and then be able to apply this knowledge within a personal or professional environment.
3. Become a part of the ever growing Blockchain ecosystem as a Certified Professional, and be in demand as an individual, freelancer, entrepreneur and more. Global companies, media outlets, and start-ups are looking for those proficient in Blockchain, Cryptocurrency and that's what this certification provides.

- Engineering
- Operations
- Design / Product
- Business
- Sales / Marketing
- Management
- Content

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Courses Offered

COURSE 1
INTRODUCTION
TO BLOCKCHAIN
AND BITCOIN

Certification 1
Blockchain Solution Specialist -
Certified by Blockchain Semantics

Price: Rs.13875

COURSE 2
DEVELOPING
DECENTRALIZED
APPLICATIONS
ON ETHEREUM
USING SOLIDITY

Certification 2
Etherium Developer - Certified
by Blockchain Semantics

Price: Rs.15500

Terms & Conditions

1. In case of special pricing like the one in this proposal, its mandatory to book and issue the Certification Exam voucher for the students max within 72 hrs of confirmation and receiving payment from them or max within 7 working days, from the date of seminar whichever is earlier, so incase where college/institution collects the payment from students they have to immediately handed it over to Blockchain Semantics for booking the vouchers.

2. College share of the resource sharing fee against infrastructure would be released to the college once the entire payment is received by Blockchain Semantics. A detailed agreement will be signed with Blockchain Semantics, once the Proposal is approved.

3. Training would be conducted in college if there is a min batch size of 20+, otherwise students can join pool batch at different location.

4. Training would be conducted by instructors in-person on-campus

5. Validity of this proposal is till 30 days from the date of receiving the proposal.

6. Resource Sharing Fee if applicable will be paid to the college as communicated.

7. College will allocate a time slot suitable to all the three parties i.e. Student, College and Blockchain Semantics for conducting the batches.

8. A minimum lead time of 3 days will be provided by the college before starting of the batch.

What is Blockchain?

Blockchain is a technology that promises to change the way we think about transactions, data storage, and data transfer. It is designed and built on the following four key principles:

1. **Replication**- Data on Blockchain is copied on every computer that is a part of Blockchain network.
2. **No Central Authority**- There is no central body which governs whether a particular transaction should be recorded or not.
3. **Irreversibility**- If a data/transaction is recorded on Blockchain, it cannot be reversed.
4. **Accessibility**- Blockchain allows anybody on this planet who is a part of the network to "read/view" any data recorded by anybody.

With these principles, one could imagine that the basics of the Internet will be rewritten.

Example Industries that will be impacted by Blokchain:

Banking and Payments

Finance and Accounts

Supply Chain Management

Travel and Personal Transport

Networking and IOT

Insurance

Cloud Storage

Energy Management

Retail

Real Estate

Healthcare

Any Industry

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COURSE 1: INTRODUCTION TO BLOCKCHAIN AND BITCOIN

1. What is blockchain

2. The journey of blockchain

3. How it Works

4. Key Characteristics
- Decentralization
- Immutability
- Trust Network
- Timestamping
- Security
- Privacy

5. Applications of Blockchain
- Bitcoin and crypto currencies
- ICOs
- Financial Services
- DApps
- Cross-IoT applications
- Business Model

6. Challenges
- Technical Challenges
- Fork problem
- Wasted Resources
- Security
- Public Perception
- Regulation & Governance
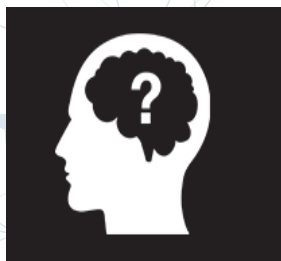- Business Model Challenges
- (Un)Employment

7. Other Key Concepts
- Smart Contracts
- Financial Services
- Remittances
  - Credit score
  - Trade Finance
  - Economic Inclusion
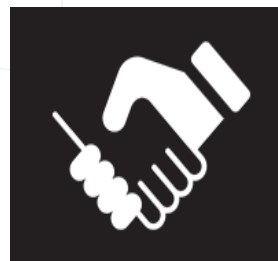 - Settlements
- Smart Assets

STUDENT BENEFITS

CERTIFICATION

Certification Certification stating your credentials as a Blockchain Generalist certified by Blockchain Semantics.
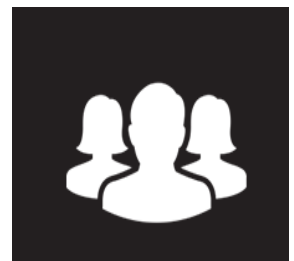
UNDERSTANDING

Deep knowledge of both Bitcoins and blockchain.

CAREER GUIDANCE

You will be able to plan and strategize a career in blockchain.

COMMUNITY & EMPLOYERS

Exclusive access to community of blockchain experts and employers scouting for talent.

COURSE 2: DEVELOPING DECENTRALIZED APPLICATIONS ON ETHEREUM USING SOLIDITY

1. Understanding How Ethereum Works
- Introduction
- Genesis Block
- Transactions and Fees:
   Start Gas, Gas Price
- Tries in Ethereum:
   - State Trie
   - Transaction Trie
   - Receipts Trie
- Ethereum Clients:
   - Geth, eth, PyethApp
- Mining

2. Smart Contracts
- Brief Introduction
- Using Solidity to make smart contracts
- Data types in solidity
- Functions in Solidity
- Functions: Visibility and getters
- Functions: Modifiers
- Contracts
- Compiling and deploying Smart Contracts
- Interacting with GETH using Javascript
- Events
- Miscallaneous
- Upgrading Smart Contracts in Solidity

3. Introduction to Oracle services on blockchain

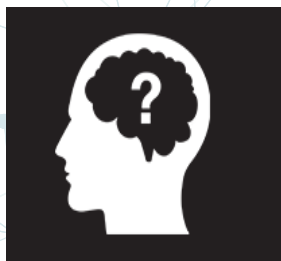**4. Using IPFS to store files on blockchain**

5. Deploying Trade finance Dapp

STUDENT BENEFITS

CERTIFICATION

Certification stating your credentials as an Ethereum Developer- certified by Blockchain Semantics.
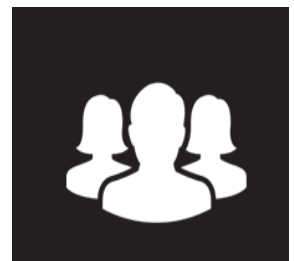
UNDERSTANDING

Deep knowledge of developing DApps on Ethereum using Solidity.

SAMPLE DAPP SOURCE CODE

Access to source code of a functional Trade Finance.

COMMUNITY & EMPLOYERS

Exclusive access to community of blockchain experts and employers scouting for talent.

N. L. Dalmia®
Institute of Management Studies and Research
(A School of Excellence of N. L. Dalmia Educational Society)

The following mentioned value-added programs include assignments/project modules along with instructional hours. Assignments were taken into consideration while approving the program completion certificate/status.

Sr.No	Program Title	Instructional Hours	Assignment/projects modules hours	Total Hours
1	Executive Coaching (AY 2018-19	18	15	33
2	Certificate program in Investment Banking (AY2018-19)	25	8	33
3	Talent Acquisition Training (AY2019-2020)	18	12	30
4	Storytelling with Data (AY2019-202)	20	12	32
5	Certification Program: Category III AIFs and Portfolio Management Services - Hedge Funds (AY2020-2021)	25	10	35
6	Certification Program: Category I AIFs and Category II AIFs - Private Equity (AY2020-2021)	25	10	35
7	NLP Foundation Course Dale Carnegic Training (Competency Modelling) (AY2021-22)	22	8	30

Head of Accreditation

Prof. (Dr.) Vaishali Kulkarni.