



## NISM Bhavan

National Institute Of Securities Markets  
NISM Bhavan, Plot No. 82, Sector - 17,  
Vashi, Navi Mumbai, Maharashtra - 400703  
Phone: 022-66735100/01/02 | Fax: 022-66735110

## NISM Campus

National Institute Of Securities Markets  
Plot No. IS 1 & IS 2, Patalganga Industrial Area,  
Village Mohopada (Wasambe), Rasayani,  
Taluka Khalapur, District Raigad, Maharashtra - 410222

Email: [placement@nism.ac.in](mailto:placement@nism.ac.in)  
Website: [www.nism.ac.in](http://www.nism.ac.in)



## Mumbai School Of Economics And Public Policy, University Of Mumbai

Ranade Bhavan, 3rd Floor, Vidyanagari,  
Kalina, Mumbai - 400 098  
Boardline: +91-22-6526091  
+91-22-26526388/332/335/333,

Website: [www.mu.ac.in](http://www.mu.ac.in)

## PLACEMENTS 2018-19

## New Generation of Quants & Analytics Professionals

**PGDQF** POST GRADUATE DIPLOMA IN  
QUANTITATIVE FINANCE







Inauguration of NISM's State-of-the-art  
Campus at Patalganga by  
**Shri Narendra Modi,**  
the hon'ble Prime Minister of India.  
on 24th December 2016.

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**Dr. M. Thenmozhi**

Director,  
National Institute Of Securities Markets

## Message from the Director (NISM)

National Institute of Securities Markets (NISM) is an educational initiative of the Securities and Exchange Board of India (SEBI). The School for Securities Education at NISM is mandated to offer classroom programmes at the postgraduate and professional levels. The Post Graduate Diploma in Quantitative Finance (PGDQF) is a uniquely blended programme encompassing both Finance and Analytics to offer solutions in the frontier areas of quantitative finance.

Quantitative Finance draws on tools from applied mathematics, computer science, statistics, and economic theory. Investment banks, commercial banks, hedge funds, mutual funds, insurance, companies. Broker-dealers, commodity traders, corporate treasuries, and regulatory agencies apply the methods of quantitative finance to problems such as new product development, derivative securities valuation, portfolio structuring, risk management, and scenario simulation. This field of quantitative analysis has brought innovation, efficiency and rigor to financial markets and to investment processes.

The practice of quantitative finance used to be the prerogative of global trading hubs such as New York or London, Hong Kong, etc. Lately, major firms expanding into Asia and emerging economies like India prefer to use the expertise of quantitative finance. Senior executives from New York or London are sent to head quant teams in emerging markets, and they staff the team with local juniors who are traditionally fresh graduates from college. In the past, quant teams in India would look to deploy mathematical models developed and implemented in the west to Indian markets. However, the situation is changing drastically. The past decade has seen the global focus shifting towards the East with our markets rapidly gaining liquidity, complexity, sophistication, and independence. Now, Indian market needs locally groomed talent with a good understanding of the domestic market and regional economy in order to perform effectively. Elsewhere in Asia, Japan, China and Singapore have many programmes in these areas to cater to satisfy their market demand. Over here in India, a very few institutions offer programmes in quantitative finance.

Allied areas in this field are Data Science and Business Analytics. India offers a rich and varied talent pool of students and professionals in these areas. I am certain that our students are ready to assume key roles in various organization and contribute to the development of securities market.

## Message from the Director (MSE-PP)

The Post Graduate Diploma in Quantitative Finance (PGDQF) is an innovative programme jointly offered by "NISM and Mumbai School of Economics (Autonomous), University of Mumbai". It is a Unique program, in fact first of its kind in the country.

It combines the practitioners expertise with academic rigor to produce professionals who will be able to combine the best of both the worlds in their professional duties.

I am confident that the PGDQF batch of 2018-19 will be an asset to any organization because of unique combination of the academic and practical perspectives. Such a combination is the crying need of the day, given the increasing complexity of the Financial Markets.

I wish the batch all the very best.



**Dr. Mala Lalwani**

Director & Professor,  
Mumbai School of Economics  
and Public Policy





**Prof. K. Sukumaran**

Dean,  
National Institute Of Securities Markets

## Message from the Dean (NISM)

The financial markets in India has matured with new products and processes introduced as part of financial innovation. To manage the new scenario in the competitive environment specialized professionals in finance domain are required. The financial market has become sophisticated and quick decision making in various spheres is required to enhance productivity, profitability and efficiency. It is with this end in view, NISM in collaboration with School of Economics and Public Policy, University of Mumbai launched a unique course – Post Graduate Diploma in Quantitative Finance (PGQDF), a one year residential program. The program enables professionals to sharpen their skills to assess problems, analyze them through advanced modelling, and make informed decisions.

The one year program equips the professionals with quantitative and programming skills from topics covering numerical analysis, stochastic models, statistics and econometrics. Along with the knowledge of finance, the program focuses on how to apply these advanced tools and able to analyze complex financial instruments and contracts, analyze varied data sets for information extraction, as well as make forecasts and measure risk.

Along with the knowledge of finance, the program focuses on how to apply these advanced tools and able to analyze complex financial instruments and contracts, analyze varied data sets for information extraction, as well as make forecasts and measure risk. The combination of knowledge and skills in finance and statistical applications imparted make the professionals most fit in their roles. The batch of PGQDF 2018-19 is ready for placement and look forward organizations to tap the talent.

Regards,  
Prof. K.Sukumaran  
Dean

## WELCOME TO CAMPUS RECRUITMENT





## About National Institute of Securities Markets (NISM)

The National Institute of Securities Markets (NISM) is a public trust established in 2006 by the Securities and Exchange Board of India (SEBI). From spreading awareness of securities market among common investors to skill development of market professionals, the institute carries out a wide range of capacity building activities at various levels. NISM's six schools of excellence and the National Center for Financial Education work in synergy towards professionalizing securities market.

The School for Securities Education (SSE) creates new age securities market professionals and equips them with expertise to meet the enhanced expectations through its uniquely positioned academic programmes.

### Vision

To lead, catalyze and deliver educational initiatives to professionalize the securities markets.

### Mission

To engage in capacity building among stakeholders in the securities markets through financial literacy, professional education, certification, enhancing governance standards and fostering policy research.

## Mumbai School of Economics & Public Policy (Autonomous), University of Mumbai

Much of the academic activity of the department is channeled through various units. The General Economics Section is one of the oldest units. The Agricultural Economics Section was instituted in 1945 with the help of a donation from the Bai Vijibhai Jivallal Panalal Trust. An endowment grant from the Reserve Bank of India resulted in the institution of the Monetary Economics Unit in the mid-fifties. A section in demography was established through the generosity of the Population Council, New York, in 1960-61. With UGC assistance, a section in Econometrics was set up in January 1963 and a research unit in the Economics of Education was established in 1969. A grant from the Seth Walchand Hirachand Trust has supported the Transport Economics Unit since 1970-71. Under the Fifth Plan Development framework, the UGC in 1978, sanctioned three posts of professors in International Economics, Development Economics and Quantitative Economics. Further assistance for the creation of posts was provided by the UGC in the Sixth Plan period. In October 1978, the UGC invited the Mumbai School of Economics to participate in the University Leadership Programme (ULP) in Economics.



**BOARD OF  
GOVERNORS, NISM**

**Mr. Ajay Tyagi**  
Chairman, SEBI  
(Chairman, Board of Governors)

**Mr. G Mahalingam**  
Whole Time Member, SEBI

**Mr. S. K. Mohanty**  
Whole Time Member, SEBI

**Mr. Sanjay Nayar**  
Chief Executive Officer,  
KKR India Advisors Pvt. Ltd.

**Mr. Y.M. Deosthalee**  
Former Chairman & Managing Director,  
L&T Finance Holdings Ltd.

**Mr. Amarjeet Singh**  
Executive Director, SEBI.

**Mr. A Balasubramanian**  
Chairman, AMFI and Chief Executive Officer  
Aditya Birla Sunlife AMC Ltd.

**Mr. P. S. Jayakumar**  
Managing Director & Chief Executive Officer  
Bank of Baroda

**Ms. Ashu Suyash**  
Managing Director & Chief Executive Officer  
CRISIL

**Dr. Amartya Lahiri**  
Director, CAFRAL

**Dr. (Mrs.) M Thenmozhi**  
Director, NISM

**ACADEMIC  
COUNCIL, NISM**

**Prof. Samir Barua**  
Former Director,  
Indian Institute of Management (IIM), Ahmedabad  
(Chairman, Academic Council)

**Prof. Abhay Pethe**  
Distinguished Fellow at ORF Mumbai and Visiting Senior Fellow at  
the Mumbai School of Economics and Public Policy (MSE&PP),  
University of Mumbai.

**Dr. Shekhar Shah**  
Director General,  
National Council of Applied Economic Research (NCAER)

**Mr. Amarjeet Singh**  
Executive Director, SEBI

**Shri Anand Sinha**  
Former Deputy Governor,  
Reserve Bank of India

**Prof. Ashok Banerjee**  
Professor (Finance & Control), Faculty-in-charge,  
The Financial Research and Trading Laboratory,  
Director, IIM Calcutta Innovation Park (IIMCIP)

**Dr. (Mrs.) M Thenmozhi**  
Director, NISM

**Mr. Sunil Jayawant Kadam**  
Registrar, NISM

**ACADEMIC BOARD  
MSE-PP (Uni. of Mumbai)**

Constitution of new AB-SB Committee for 3 years w.e.f. May 2018 to 2021

**Dr. Mala Lalvani**  
Chairperson & Director, MSE-PP

**Dr. (Mrs.) M Thenmozhi**  
Director  
National Institute of Security Markets (NISM)

**Prof. Pushpa Trivedi**  
Professor  
Department of Humanities & Social Sciences,  
Indian Institute of Technology (IIT)

**Prof. Rajendra Vaidya**  
Professor  
Indira Gandhi Institute of Development Research

**Dr. Dhanaraj Mane**  
Director  
Higher & Technical Education, Govt. of  
Maharashtra  
**Ms. Swati Raju**  
Faculty, MSE-PP

**Mr. S.K. Kothe**  
Faculty, MSE-PP

**Ms. Anuradha Patnaik**  
Faculty, MSE-PP

**SUBJECT BOARD  
MSE-PP (Uni. of Mumbai)**

**Dr. Mala Lalvani**  
Chairperson & Director, MSE-PP

**Dr. S. Chandrasekhar**  
Indira Gandhi Institute of Development Research (IGIDR)

**Prof. R. Ramakumar**  
Professor,  
Tata Institute of Social Sciences (TISS)

**Prof. Anand Venkatesh**  
Professor,  
Institute of Rural Management Anand

**Prof. Neeraj Hatekar**  
Professor, Econometrics  
MSE-PP

**Prof. Manisha Karne**  
MSE-PP

**Prof. Dolly Sunny**  
MSE-PP

**Ms. Bharathi Kamath**  
Faculty, MSE-PP

**Mr. Medtha Tapiawala**  
Faculty, MSE-PP

**Ms. Swati Raju**  
Faculty, MSE-PP

**Mr. Suresh Maind**  
Faculty, MSE-PP

## About Post Graduate Diploma in Quantitative Finance (PGDQF)

PGDQF is a rigorous one-year full time degree programme for graduates, post graduates and executives interested in pursuing a career in quantifying Financial Markets and Analytics. This is a unique flagship degree programme, which is awarded by National Institute of Securities Markets (NISM) in collaboration with Mumbai School of Economics (Autonomous), University of Mumbai. Quantitative Finance is the application of mathematical finance which overlaps heavily with the fields of computational finance and financial engineering. This course draws on tools from applied Mathematics, Computer Science, Statistics and Economic theory.

PGDQF students are well equipped to be Quant & Analytic professionals. They are positioned to take up a wide range of responsibilities, such as quantitative analysis, equity and debt research analysis, treasury and risk management, algorithmic trading, data analysis, business analysis, portfolio structuring, derivative analysis, securities valuation, financial model development and validation, scenario simulation etc. Organizations that will find our students suitable include Analytics firms, Fund Managers, Investment Banks, Broking Firms, Investment Advisory Firms, Rating Agencies, Commercial Banks, Hedge funds, Business Analytics firms, Asset Management Institutions, IT firms etc.







### Why hire PGDQF students?

- A mixed batch, which is a **blend of fresh and experienced**, Economics, Statistics, Engineering and Commerce, graduates and postgraduates with **strong analytical, numeric and problem solving skills**.
- Equipped with comprehensive **theoretical and practical knowledge of Quantitative Finance**.
- Well-trained to use tools from applied mathematics, computer science, statistics and economics theory for **valuation and research** in the field of finance.
- Able to develop, implement & validate financial models using **R/Python/ VBA** programming languages.
- In-depth unique exposure to **SMART lab (Simulated Trading in equities, commodities and F&O), Bloomberg** and Financial databases.

## Programme Architecture

Trimester I	Trimester II	Trimester III	Trimester IV
Basic	Advance	Advance Application	Implementation
<b>QF101:</b> Introduction to Mathematics for Finance	<b>QF201:</b> Stochastic Calculus and Optimization for Finance	<b>QF301:</b> Financial Time Series Modelling	<b>QF401:</b> Algorithmic Trading and Quantitative Strategies
<b>QF102:</b> Statistics and Data Analysis for Finance	<b>QF202:</b> Introduction to Econometrics	<b>QF302:</b> Introduction to Financial Engineering	<b>QF402:</b> Machine learning techniques in Finance
<b>QF103:</b> Financial Computing Using R and Excel-VBA	<b>QF203:</b> Introduction to Derivatives	<b>QF303:</b> Portfolio Optimization	<b>QF403:</b> Game Theory for Financial Engineering
<b>QF104:</b> Introduction to Financial Economics and Equity Valuation	<b>QF204:</b> Fixed Income Securities	<b>QF304:</b> Financial Risk Management	<b>QF404:</b> Industry Internship and Project

## Foundation Courses

Introduction to Economics	Introduction to Programming and Bloomberg	Introduction to Securities Law & SEBI Regulations
Introduction to Accounting	Introduction to Financial Markets	R/Python Workshop
Introduction to Securities Markets	Trading & Simulation Labs	NISM Certifications





## Learning Environment

The PGDQF programme is strengthened with sound delivery by expert faculty and multiple pedagogy. The faculty-team is comprised of the following:

<b>Prof. Latha Chari</b>	MCom, FCMA, PhD (BITS Pilani)	Financial Reporting, Equity Valuation, SMART Lab
<b>Dr. Nitin Tike</b>	MBA, PhD (Pune Uni.)	Financial Markets
<b>Mr. Jainendra Shandilya, CFA, CAIA</b>	MA (Econ), CFA Charter (CFA Institute, USA), CAIA (CAIA Association, USA)	Econometrics, Game Theory, Securities Analysis & Valuation, Alternative Investments
<b>Mr. Vishal Shukla</b>	MBA, MPP (Tokyo)	Financial Economics
<b>Mr. Jitendra Kumar</b>	MA (Econ), PGDSL, LLB, CAIIB	Macroeconomics
<b>Dr. Akhlaque Ahmad</b>	MSc (Math), MPhil (Econ), PhD (Derivatives)-Mumbai Uni.	Mathematics, Derivatives, Financial Engineering
<b>Mr. M. Krishnamoorthy</b>	MA (Econ), MFSM	Corporate Governance & SEBI Regulations
<b>Mr. Ritesh Nandwani</b>	ACA, MBA (IIM Lucknow), MSc (Wealth Mgt., SMU Singapore), CFA	Fixed Income Securities
<b>Mr. S. Venugopal</b>	ACA, PGDSL	Financial Reporting, Taxation
<b>Mr. Meraj Inamdar</b>	M. Com, Pursuing PhD (Mumbai Uni.)	Statistics, SMART Lab
<b>Mr. Pradiptarathi Panda</b>	MFC, M.Phil, Pursuing PhD (Mumbai Uni.)	Econometrics
<b>Dr. Rachana Baid (Adjunct)</b>	M.Com, PhD (Osmania Uni.)	Financial Institutions & Markets, Corporate Finance, Portfolio Management, Behavioral Finance, Global Financial Markets



NISM also draws upon the cream of academia, industry and SEBI for providing cutting-edge inputs in the securities markets domain.

The learning environment is further stimulated by use of technology such as Databases (Bloomberg, Prowess), Application Software (VBA, Matlab, Python, R) and SMART

(Simulated Market Algorithm Related Trading). Students are provided with internationally benchmarked textbooks.

Additionally, the library is exclusively dedicated towards finance, securities markets and related areas with an up-to-date collection of books and scientific journals.

Visiting Faculty

Prof. Neeraj Hatekar	M.A., Ph.D.	Professor & Director, Department of Economics	Econometrics, Game Theory & Time Series Modelling
Mr. Harjeet Singh	CFA, FRM, PRM, CAIA, CMT & MS (Financial Mathematics) Stanford University, USA PGDBM (Finance & Econ.), XLRI School of Business	CEO & MD, Edu Edge Pro	Derivatives, Financial Modelling, Algorithmic Trading
Mr. Chirag Shah	MMS (Finance) & Ph.D. (pursuing)	Asst. Professor, Indian Education Society	Derivative and Trading Strategies
Mr. Sanjoy Choudhury	MBA Finance & FRM	Director, Radiant Consulting	Risk Management
Mr. Chandresh Shah	CFA, FRM, MBA (Finance)	Associate Director, Risk Management, HSBC, Honk Kong	Risk Management

Dr. Ajith Kumar	M.SC., Ph.D.	Asst. Professor, Institute of Chemical Technology	R & Python Programming
Dr. Narayana D	Ph.D. (Mathematics)	Proprietor	Derivatives & Trading Strategies)
Mr. Rajendra Mehta	C.A.	President Financial Technologies	Compliance Market Surveillance
Mr. Joydeep Sen	MBA , CFP	Managing Partner- Sen & Apte Consulting Service LLP	Corporate Bond Market
Ms. Sonia Gandhi	MBA (Finance), CFA	Director-IAIP-CFA Society, India Founder – Sev Advisors	Importance of Communication
Ms. Charu Sabnavis	M.A. (ECO)	Founder Director- Delta Learning	Business Communication
Mr. Archit Lohia	CFA, CAIA, LLB, C.A.	Venture Capitalist and Entrepreneur	Alternative Investments
Mr. Suresh Narayan	AICWA	Cost Accountant, Consultant and Trainer	Compliance and Legal Framework



## Industry Interaction

Industry Interaction is conducted at NISM's Patalganga Campus from time-to-time, at regular intervals. This provides a platform for the students and the faculty to interact with various eminent personalities from the industry; thereby providing a practical insight to the workings of the securities markets. The students are, as a result, benefitted from the knowledge of the field and are made aware of the roles they can play in Securities Markets.

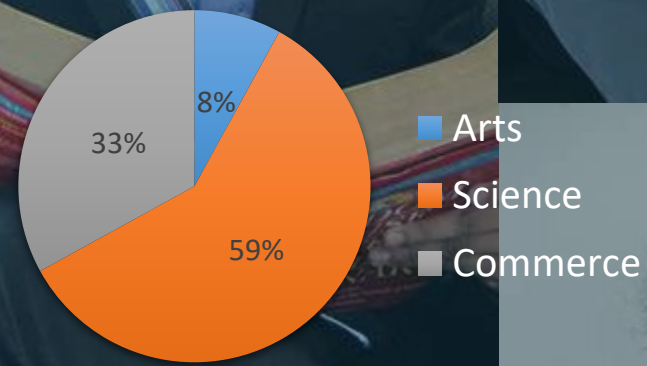
Some of the well-known speakers at the Industry Interaction session have been –

- **Dr. Prabhakar Patil**, Chief General Manager, Securities & Exchange Board of India
- **Dr. Venkatachalam Shunmugam**, Head of Research, Multi Commodity Exchange Limited
- **Mr. Pranjal Srivastava**, Senior Vice President & Head Equity Capital Markets, ICICI Securities Limited
- **Mr. Rajesh Saraf**, Senior General Manager, Bombay Stock Exchange Limited
- **Mr. J N Gupta**, Founder & Managing Director, Stakeholders Empowerment Services (Former Executive Director, Securities & Exchange Board of India)
- **Mr. Partha Pratim Basu**, Chief Operating Officer (Wealth Management), Credit Suisse
- **Mr. Rana Rajan**, Chief Compliance Officer, Credit Suisse
- **Mr. Sanjay Chandel**, Promoter, Azure Capital Advisors Private Limited
- **Ms. Shobheta Manglik**, Associate Director & Head of Fixed Income, PNB Metlife
- **Mr. H R Khan**, Non-Executive Part-time Chairman, Bandhan Bank Limited (Former Deputy Governor, Reserve Bank of India)
- **Mr. Saurabh Mukherjea**, Founder, Marcellus Investment Managers (Former CEO, Ambit Capital)

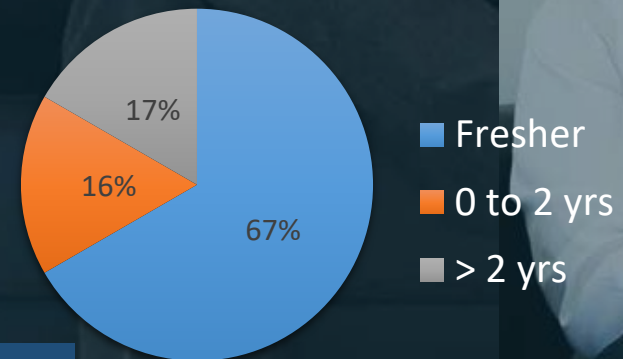




## Education Streams

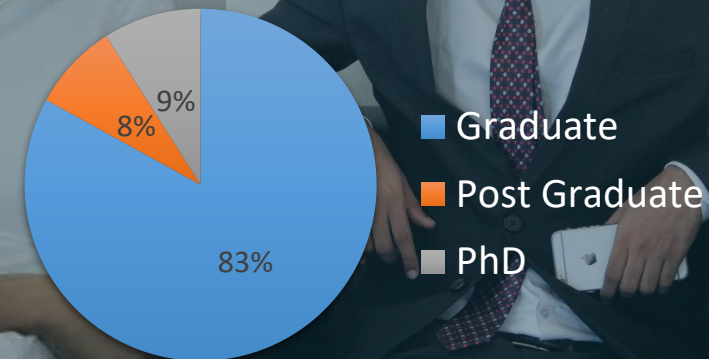


## Work Experience



## BATCH AT A GLANCE

## Education Qualifications



**Abhimanyu Gupta**

B.Com (Hons.) in Finance  
CFA Level-III (Appeared)



**Saurabh Shukla**

B.E. (Chemical)



**Akshay Vaidya**

Bachelor in Financial Markets  
Certified Financial Planner



**Bhagath Singh Niranjana**

B.E. (Mechanical)

36 months experience as  
System Engineer at Infosys



**Amal J Perumatty**

B.Tech (Civil)



**Dhawal Dharmendra Sheth**

Bachelor in Financial Markets



**Aravind V**

B.Tech (Mechanical)

15 months experience as  
Asst. System Engineer at TCS



**Indranil Dutta**

B.A (English)  
MBA (Banking & Finance)





**Padala Siva Surya Kumar**

B.E. (Chemical)



**Shubhi Maheshwari**

B.Com (Hons.)



**Subashini A**

B.E. (Computer Science)

22 Months experience as a  
Programmer Analyst at  
Cognizant



**Arunabha Sarkar**

B.Sc, M.Sc (Int. Bio. Science)  
PhD (Stem Cells, Thesis Submitted)

12 months experience, Protein  
Engineer, Protein Core, C-CAMP  
12 Months experience, Content  
Editor & Data Analyst at BITAFTA



Past Recruiters





# Testimonials Of Past Recruiters



Sharad has shown a keen sense of learning and is always pro-active towards work. He ensures that he wastes no opportunity to prove himself in the newsroom.

**Darshan Mehta**  
Head of Research,  
Bloomberg Quint



We have hired four students from last year PGDQF batch (2016). They are doing very good, hardworking, focused and smart.

I am planning to hire from the current batch as well.

**Ramesh Thimmaraya**  
Director, Advisory Services  
Ernst & Young



Both Laxman and Danish have been able to prove their mettle in the organization. They are doing good as of now and are showing interests in the responsibility that are being bestowed on them.

On the knowledge front they are trying hard every day to sharpen their skill sets. We are sure that they will be an asset to the company.

**Mr. Apurva Seksaria**  
Assistant Vice President  
IFA Global



Manish Kumar Singh has been working with us for close to 2 years. His learning posture has ensured that he constantly acquired new knowledge and skills and demonstrated a constant improvement in his performance. He has received excellent feedback from different stakeholders for his contribution and level of commitment.

&

We hired Mr. Ganesh K Chalamalasetti based upon his satisfactory performance and a great attitude during the interview. He was given a complete responsibility of amajor complex project. It has been a delight to see that he demonstrated a high level of ownership and commitment and delivered on the project with minimal supervision.

**Sandeep Gore**  
Associate Vice President,  
Institutional Shareholder Services



Very impressed with the caliber of candidates; we are quite keen to continue the relationship.

**Nosheen Khan**  
VP Marketing  
Markit, London







# Placement Process

Placement Schedule\*

Placement Week	03rd to 16th December, 2018
Interviews	02nd May, 2019

\* Above placement schedule is indicative only and it can be tailored to suit the requirement of the companies  
Placement activities and processes are conducted in collaboration between Student Placement Committee and Placement Office

## Whom to Contact for Placements ?

Placement Office	
<b>Mr. Anand Subramanian</b> Vice President – HR & Placement  Phone : + 02192-668369 Mobile : + 91-9962282200	<b>Mr. Jainendra Shandilya</b> Faculty-NISM & AGM-SEBI  Phone : + 02192-668409 Mobile : + 91-9892706738
Student Placement Committee	
<b>Mr. Arunabha Sarkar</b> : 9326317247 <b>Ms. Shubhi Maheshwari</b> : 9873260995 <b>Mr. Indranil Dutta</b> : 7001523182	
Email : <a href="mailto:placement@nism.ac.in">placement@nism.ac.in</a>	