



# **INDIAN STATISTICAL INSTITUTE, DELHI**

**PLACEMENT BROCHURE  
2015-2016**



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# Message from the Chairperson, Placement Cell



  
Dr. Debasis Mishra  
Chairperson, Placement Cell

The Indian Statistical Institute, Delhi has been imparting a very rigorous post graduate program in Economics and Statistics along with the Doctoral program. These programs have been highly acclaimed both nationally and internationally due to the distinguished faculty and the high caliber students that enter the program. The main process emphasized at ISI, Delhi is “thinking process”. Students are trained to think deeply and rigorously to confront the problem in hand with all the relevant information available. A typical ISI graduate is therefore trained to apply contemporary analytical skills with rigorous work discipline to practical applications, through various project works. This makes an ISI graduate competent enough in the areas of business and financial planning, analysis of the consequence of economic policies, industry analysis and forecasting, business optimization and quantitative decision making along with financial and business consulting.

A fast track transition has been taking place today in the entire business world from technology driven marketing to customer driven technology development marketing. To keep pace with the transition and operate effectively in the competitive, complex and a rapidly changing information rich world, rigorous and well trained skills are required for searching and collecting the right data, processing them, analyzing it and make a right decision at the right time. Be it an investment decision, analysis, a knowledge process or any other challenge, it is important to use all relevant information within the constraints and here is where our students can significantly contribute having been empowered with the knowledge they receive in our different academic programs.

As the Placement Cell Chairman, I sincerely believe that the ultimate test of the program and what a student learns has to be evaluated by the market. I, thereby encourage you to visit our campus and provide placement opportunities (for the batch 2014-2016) and summer internships for the first year students (of 2015-2017 batch) at an early date.

Looking forward to hearing from you soon.

# About Indian Statistical Institute

The origin of the institute can be traced back to the foray in statistics by Professor Prasanta Chandra Mahalanobis. This sparked off interest in the field among his colleagues. This group grew in the 1920's into the Statistical Laboratory located in his room at the Presidency College, Kolkata.

On 17th December 1931, a meeting was called amongst the members. It led to the establishment of the Indian Statistical Institute (ISI) which was formally registered on 28 April 1932 as a non-profit making learned society under the Societies Registration Act (XXI of 1860).

In 1959, the Parliament of India enacted the Indian Statistical Institute Act and declared it to be an institution of national importance. The act also declared the Institute as a deemed university and gave it the right to confer degrees in Statistics. In response to the act, the Bachelor of Statistics (Honours) and the Master of Statistics programs were introduced by the Institute in the year 1960. The Indian Statistical Institute Act was amended in 1995 empowering it to grant degrees in Statistics, Mathematics, Quantitative Economics and Computer Science.

# About the Delhi Centre

**The Delhi Campus was inaugurated by Prime Minister Indira Gandhi on December 31, 1974. The campus offers two post graduate degrees: Master in Quantitative Economics and Master of Statistics (Applications Stream). The MS(QE) and M.STAT programs are offered by the Planning Unit and the Statistics and Mathematics Unit (Stat-Math Unit) respectively. The centre also houses extremely reputed PhD programs in Economics, Statistics and Mathematics.**

**Established in 1974, ISI Delhi, an institute of worldwide repute, has been instrumental in providing some of the India's brightest minds through a mix of rigorous curricular and non-curricular activities.**

**Programs at ISI, Delhi aim to promote the study and dissemination of knowledge of Statistics and Economics to develop statistical theory and methods, and their use in research and practical applications. They aim to provide rigorous training emphasizing on quantitative techniques, thus enabling students to develop their skills in statistical analysis, time series and forecasting, finance, development studies and econometrics. Students receive training in the latest econometric packages and modelling. The emphasis on clarity of thought, logic and conceptual knowledge of the subjects ensures that the students cope with the diverse problems of the industry, making them well-trained economists and statisticians.**

# **Our Strengths**

- ✓ **Adaptable and Innovative**
- ✓ **Software Skills : Python, R, Stata, E-views and Other Software**
- ✓ **Good Communication Skills**
- ✓ **Strong Analytical and Statistical Modelling Capabilities**
- ✓ **Strong Theoretical and Practical Knowledge of Statistical Techniques**
- ✓ **Students come from Diverse Backgrounds ranging from Economics, Mathematics, Statistics and Engineering**



# ACADEMIC PROGRAMS

# Master of Science (Quantitative Economics)

The MS(QE) program at the Delhi campus of the institute is one of the best economics post-graduate programs in the country and acts as an excellent training ground for budding economists. The credit for the excellent quality of the program goes to the internationally renowned faculty.

Admission to the program is a two stage process consisting of a rigorous written examination followed by a grilling interview. The selection procedure tests the students' knowledge of economic fundamentals and the strength of analytical & mathematical base. The enviable student-faculty ratio allows for a mentorship program and enables students to be in constant touch with the faculty. The institute follows a rigorous semester system spread over two years in which students study a minimum of five subjects per semester. The programme aims not only at economics but also gives students exposure to advanced econometrics, mathematics and statistical techniques.

Students are imparted training in some advanced softwares and languages which enhances the students' analytical skills, enabling them to apply their theoretical knowledge better and carry out independent research.

The details of the program can be seen at: [http://www.isid.ac.in/~epu/?page\\_id=76](http://www.isid.ac.in/~epu/?page_id=76)

## Batch Size

- 16 Students (for Full Time Jobs)
- 22 Students (for Summer Internships)

# Master of Science (Quantitative Economics)

## CORE COURSES

Microeconomics  
Macroeconomics  
Statistics  
Econometrics  
Mathematical Methods  
Game Theory I  
Python or R

## ELECTIVE COURSES

Game Theory II  
Econometric Methods II  
Agricultural Economics  
Industrial Organization  
Economic Development  
Modern Growth Theory  
Individual and Collective Choice  
Political Economy  
Incentives and Organizations  
Incentives and Regulation  
Econometric Applications I  
Econometric Applications II  
Inter temporal Economics

Bayesian Econometrics  
Theory of Planning  
Social Accounting  
Selected Topics  
Public Economics  
International Economics  
Advanced Topics in International Economics  
Mathematical Programming  
Monetary Economics  
History of Economic Thought  
Environmental Economics  
Finance  
Comparative Systems  
Law and Economics  
Basic Economics  
Indian Economy: Selected Topics  
Experimental and Behavioural Economics  
Project  
Thesis  
The Theory of Mechanism Design  
Corporate Finance  
Global Macroeconomics  
Labour Economics  
Sample Survey: Theory and Practice  
Time Series Analysis and Forecasting

# Master Of Statistics

The Master of Statistics (M.Stat) program at Delhi offers a mix of fundamental training in statistical methods coupled with specializations which aim to provide students with a profile suited for heavily applied but theoretically sound work, potentially in the industry and the academia.

The selection process consists of two steps, a written examination and an interview. The selection procedure tests strong statistical fundamentals along with advanced mathematical capabilities.

Year long specializations offered are Quantitative Economics (QE) and Advanced Probability (AP), with provision for interdisciplinary interactions. Learning from an internationally renowned faculty in the areas of statistics, probability and economics gives the students exposure and access to challenging work domains which are heavily analytical and problem solving based. Also, the program supplements the profiles with professional training in software skills like C and R.

The details of the program can be found at:

<http://www.isid.ac.in/~statmath/index.php?module=Home>

## Batch Size

- 8 Students (for Summer Internships)

# Master of Statistics

## CORE COURSES

Linear Models and Markov Chains  
Large Sample Statistical Methods  
Statistical Inference - I  
Multivariate Statistical Analysis

Design of Experiments and Sample Surveys  
Real Analysis  
Regression Analysis  
Programming, Data Structures & Algorithms

## 2<sup>nd</sup> YEAR SPECIALIZATION

### Quantitative Economics

Microeconomics - I  
Microeconomics - II (Networks and Social Choice Theory)  
Game Theory - I  
Game Theory - II (Mechanism Design)  
Advanced Econometrics  
Development Economics  
Theory of Finance (Corporate Finance)  
Theory of Finance (Asset Pricing)  
Macroeconomics

### Advanced Probability

Advanced Probability - I (Martingale Theory)  
Advanced Probability - II (Interactions between Analysis and Probability Theory)  
Functional Analysis  
Stochastic Processes - I  
Stochastic Processes - II  
Topology and Set Theory  
Percolation Theory  
Stochastic Calculus  
Large Deviations Theory  
Calculus on Manifolds  
Game Theory - I



# **STUDENTS' PROFILE**

# MS(QE) Year II

## Abhishek Gaurav

### Academic Qualification

B. Tech (Computer Sc), IIT Kanpur

### Work Experience

Algorithmic Trading, Tower Research Capital LLC  
(6 years)

## Ameya Rane

### Academic Qualification

B. Tech (Engineering Physics), IIT Delhi

### Work Experience

AbsolutData Analytics (2 years)

### Internship

Algorithmic Trading, D.E. Shaw (2 months)  
Harish Chandra Research Institute (8 months)

## Akanksha Aggarwal

### Academic Qualification

B.A. (Hons) Economics, Shri Ram College of  
Commerce, DU

### Internship

National Institute of Public finance & Policy  
(1 month)

## Anindita Anand Sharma

### Academic Qualification

B.A. (Hons) Economics, Hansraj College, DU

### Internship

Earth Care Consultants (4 weeks)

## Arpit Agarawal

### Academic Qualification

B.A. (Hons) Economics, Shivaji College, DU

### Internship

ESSEC Business School, Singapore  
(6 months)

## Ekta

### Academic Qualification

B.A. (Hons) Economics, Hindu College, DU

### Internship

Investment Banking, India Analytics Group,  
Nomura (8 weeks)

## Geetanjali Rohilla

### Academic Qualification

B.A. (Hons) Economics, Shri Ram College of  
Commerce, DU

### Internship

Marketing Science Group, IMRB International  
(1 month)

## Kritika Mittal

### Academic Qualification

B.A. (Hons) Economics, Shri Ram College of  
Commerce, DU

### Internship

Investment Banking, India Analytics Group,  
Nomura (8 weeks)  
Indian Council for Research on International  
Economic Relations (6 weeks)

## Lalit Sethia

### Academic Qualification

B. Tech (Biotech), NIT Warangal

### Work Experience

Investment banking, Verity Knowledge Solutions  
(31 months)

### Internship

Indian Statistical Institute, Delhi (8 weeks)  
National Brain Research Institute (8 weeks)

## Manish Yadav

### Academic Qualification

B.A. (Hons) Economics, Ramjas College, DU

### Internship

Business Forecasting, Marks & Spencer  
(6 weeks)

## Narava Madhu Kiran

### Academic Qualification

B. Tech (Biotech), IIT Roorkee

### Work Experience

Software Engineer, Snapdeal (18 months)

## Nisha

### Academic Qualification

B.A. (Hons) Economics, Shri Ram College of  
Commerce, DU

### Internship

Data Analytics, Karma Analytics (2 months)

## Ojaswini Chhabra

### Academic Qualification

B.A. (Hons) Economics, Delhi College of Arts & Commerce, DU

### Internship

Marketing Analytics, Barclays Shared Services  
(9 weeks)

## Palash Raj

### Academic Qualification

B. Tech (Instrumentation, IIT Kharagpur

### Work Experience

Haldia Petrochemicals (2 years)

### Internship

Indian Statistical Institute, Delhi (8 weeks)

## Praveen Saini

### Academic Qualification

B. Tech (Mining), IIT (BHU) Varanasi

### Work Experience

NTPC Ltd. (3 years)

### Internship

Indian Statistical Institute, Delhi (8 weeks)  
IIT Bombay (8 weeks)

## Rajas Saroy

### Academic Qualification

B.A. (Hons) Economics, St. Stephens College, DU

### Internship

World Health Partners (1 month)

## Sheekha Verma

### Academic Qualification

B. Tech + M. Tech (Electrical), IIT Kharagpur

### Work Experience

Marketing Consultant, ZS Associates (5 years)

### Internship

Energy Policy Institute, University of Chicago, Delhi Centre (10 weeks)

## Siddharth Jain

### Academic Qualification

B. Tech (Engineering Physics), IIT Delhi

### Internship

Indian Statistical Institute, Delhi (3 months)

## Siddhant Agarwal

### Academic Qualification

B. Sc (Hons) Economics, Presidency University

### Internship

Indian Statistical Institute, Delhi (8 weeks)

## Sourav Sinha

### Academic Qualification

B. Tech (Mechanical), IIT Delhi

### Internship

Microfinance, London School of Economics  
(2 months)  
TATA Motors (8 weeks)  
Whirlpool Corporation (8 weeks)

## Srishti Bharadwaj

### Academic Qualification

B. Sc (Hons) Mathematics, Kamala Nehru College, DU

### Internship

Marks & Spencer (7 weeks)

## Yash Bohra

### Academic Qualification

B.A. (Hons) Economics, Hansraj College, DU

## Sruti Sarawagi

### Academic Qualification

B.A. (Hons) Economics, Shri Ram College of Commerce, DU

### Work Experience

International Taxation, Ernst & Young LLP (13 months)

### Internship

Marketing Analytics, Barclays Shared Services (9 weeks)  
TARSHI (5 weeks)

# MS(QE) Year I

## Anubhav Jha

### Academic Qualification

B.A. (Hons) Economics, Kirori Mal College, DU

### Internship

IIM Bangalore (5 weeks)

## Dhrubasattwata Roy Choudhary

### Academic Qualification

B.E. Civil Engineering , Jadavpur University

### Work Experience

Ernst & Young LLP, Transactions Advisory (5 weeks)

### Internship

ONGC (1 month)

## Ashima Mehra

### Academic Qualification

B.A. (Hons) Economics, Maitreyi college , DU

## Garima Parashar

### Academic Qualification

B.A. (Hons) Economics, Shri Ram College of Commerce, DU

## Hemanth G

### **Academic Qualification**

B.Sc. (Hons) Economics, St Xavier's College, Kolkata

### **Work Experience**

Trust, Mysore (3 Months)

## Kosha Modi

### **Academic Qualification**

B.Sc. (Hons) Economics, Presidency University,  
Kolkata

## Krishna Teja V S R Kondury

### **Academic Qualification**

B.E. (Hons) Computer Sc, BITS – Pilani, Hyderabad

### **Work Experience**

Futures First (6 Months)

### **Internship**

Rane TRW Steering (6 weeks)

Consilium Software (6 months)

## Kuldeep Singh

### **Academic Qualification**

B.A. (Hons) Economics, Zakir Hussain Delhi College,  
DU

## Narsimha Kulkarni

### **Academic Qualification**

B.Tech (Mechanical), NIT, Surathkal

### **Work Experience**

Futures First (6 Months)

## Neelanjan Datta

### **Academic Qualification**

B.Sc. (Hons) Economics, Presidency University,  
Kolkata

## Pallavi Jindal

### **Academic Qualification**

B.A. (Hons) Economics , Shri Ram College of  
Commerce, DU

### **Internship**

Indus Action (4 weeks)

We,The people (4 weeks)

## Piyush Thukral

### **Academic Qualification**

B.A. (Hons) Economics, Hansraj College, DU

### **Prerna Dewan**

#### **Academic Qualification**

B.A. (Hons) Economics, Miranda House, DU

#### **Work Experience**

Study of Riparian Communities, DU (11 weeks)

### **Rajarshi Dey**

#### **Academic Qualification**

B.Sc (Hons) Economics, Presidency University,  
Kolkata

### **Rajat Seth**

#### **Academic Qualification**

BA (Hons) Economics, Delhi College of Arts and  
Commerce, DU

### **Sanjana Ghosh**

#### **Academic Qualification**

B.A. (Hons) Economics, Jadavpur University

## Sanjay Moorjani

### Academic Qualification

B. Tech (Civil Engineering), NIT Trichy

### Work Experience

Software Developer, Sapient Consulting (2 years)

### Internship

Alphamatters (5 months)

National Institute of Disaster Management  
(3 months)

NIT Trichy (5 months)

## Senjuti Patra

### Academic Qualification

B.A. (Hons) Economics, Jadavpur University

## Subhamoy Chakraborty

### Academic Qualification

B.A. (Hons) Economics, Jadavpur University

## Sumit Goel

### Academic Qualification

B.Tech (Computer Sc), DTU

### Internship

Royal Bank of Scotland, Gurgaon (6 weeks)

## Tanmay Sahni

### **Academic Qualification**

B. Tech (Civil Engineering), IIT Delhi

### **Internship**

Georgia Institute of Technology, Atlanta  
(2 months)

## Y. Sri Tanya

### **Academic Qualification**

B.A. (Hons) Economics, St. Stephens College, DU

### **Internship**

Ernst and Young, Gurgaon (6 weeks)  
Indian Oil Corporation (6 weeks)

# M. Stat Year I

## Ambarish Chattopadhyay

### Academic Qualification

B.Sc (Hons) Statistics, St. Xavier's College, Kolkata

## Aniket Bhattacharyya

### Academic Qualification

B.Sc (Hons) Statistics, St. Xavier's College, Kolkata

## Arya Banerjee

### Academic Qualification

B.Sc (Hons) Statistics, R.K.M.Residential College,  
Narendrapur

## Indrajit Ghosh

### Academic Qualification

B.Sc (Hons) Statistics, St. Xavier's College, Kolkata

## Kalins Banerjee

### **Academic Qualification**

B.Sc (Hons) Statistics, Asutosh College

## Pratyay Sengupta

### **Academic Qualification**

B.Sc (Hons) Statistics, St. Xavier's College, Kolkata

## Soumya Kanti Bhattacharyya

### **Academic Qualification**

B.Sc (Hons) Statistics, Presidency University

## Tathagata Saha

### **Academic Qualification**

B. Math, ISI, Bangalore

# Recruitment Process



Placement process for MSQE and M.Stat students at ISI Delhi will start in September, 2015. The batch of 2014-16 has 23 students which hail from premier colleges in India. The academic rigorousness of the programs makes our students valuable assets for any organization.

## Placement Guidelines:

- Companies fill up and email the campus recruitment form (CRF) to [placement@isid.ac.in](mailto:placement@isid.ac.in)
- A mutually convenient date for Pre Placement Talks (PPTs) and campus recruitment is decided. Lateral recruitments too can be allowed at a mutually agreed date.
- CVs of interested candidates are forwarded to the company. The company informs the placement committee about the shortlisted candidates.
- The company visits the campus on the decided date and conducts its selection process.
- The company informs the placement committee about the finally selected candidates, preferably within a day.

# Past Recruiters



# Contact Us

## **PROF. DEBASIS MISHRA**

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Indian Statistical Institute Delhi 7,  
S.J.S. Sansanwal Marg, New Delhi – 110016  
Tel: 011-4149 3948 Fax: 011-4149 3981  
Email: [placement@isid.ac.in](mailto:placement@isid.ac.in)

## **Student Co-ordinators**

### **Ekta**

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+91-7838838003

### **Ojaswini Chhabra**

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## **Webpage**

<http://www.isid.ac.in/~placement/>



**SPEED LIMIT**  
TWO WHEELER-10  
FOUR WHEELER-15  
**NO HORN PLEASE**