

INDIAN STATISTICAL INSTITUTE, DELHI



PLACEMENT BROCHURE
2017-2018

Contents

Message from the Chairperson, Placement Cell	4
About Indian Statistical Institute	5
About the Delhi Centre	6
Our Strengths	7
Academic Programs	
- Master of Science (Quantitative Economics)	9
- Master of Statistics	11
Students' Profile	13
Recruitment Process	28
Past Recruiters	29
Contact Us	30

Message from the Chairperson Placement Cell



A handwritten signature in black ink, appearing to read 'Abhiroop Mukhopadhyay'.

*Professor Abhiroop Mukhopadhyay
Chairperson, Placement Cell*

The Indian Statistical Institute, Delhi is one of India's top post-graduate programs in Economics and Statistics. The best undergraduates of the country are trained by an internationally renowned faculty. ISI conducts rigorous research and training in the latest quantitative methods and tools to analyze problems that arise in the fields of business, finance, data analytics, governance and policy making.

As the Placement Cell Chairperson, 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 2016-2018 and summer internships for the first year students of 2017-2019 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.

A meeting on 17th December 1931 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. 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. 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.

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.

The enviable student-faculty ratio allows for a mentorship program and enables students to be in constant touch with the faculty. The program aims not only at economics but also gives students exposure to advanced econometrics, mathematics and statistical techniques.

Students are imparted training in some advanced software 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

Batch Size

- 24 Students (for Full Time Jobs)
- 16 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.

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

Statistical Inference I
Linear Algebra and Linear Models
Probability Theory
Analysis I
Regression Techniques
Introductory Computer Programming
Large Sample Statistical Methods
Multivariate Analysis

2nd YEAR SPECIALIZATION

Probability

Statistical Computing I
Time Series Analysis
Martingale Theory
Functional Analysis
Weak Convergence and Empirical Processes
Brownian Motion and Diffusions

Elective Courses

Dissertation
Advanced Design of Experiments
Advanced Functional Analysis
Advanced Multivariate Analysis
Advanced Nonparametric Inference
Advanced Sample Surveys
Analysis of Directional Data
Asymptotic Theory of Inference
Bayesian Computation
Branching Processes
Commutative Algebra
Descriptive Set Theory

Ergodic Theory
Fourier Analysis
General Topology
Life Testing and Reliability
Markov Processes and Martingale Problems
Mathematical Biology
Ordinary and Partial Differential Equations
Percolation Theory
Random walks and Electrical Networks
Representation Theory of Finite Groups
Resampling Techniques*
Risk Management
Robust Statistics



STUDENTS' PROFILE

MS(QE) Year II

Abraham Jose

Academic Qualification

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

Internship

CENTUM Learning (1 month)

Ankit Attri

Academic Qualification

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

Internship

SBI (8 weeks)

DCVS (5 months)

Aditya Goel

Academic Qualification

B.Tech Mechanical Engineering (Minor-Economics), Shiv Nadar University

Work Experience

Graduate Engineer Trainee, Emerson Process Ltd (6 months)

Internship

IAYM (1 month)

Maruti Suzuki India Pvt Ltd (2 months)

Carrier Aircon Ltd (4 months)

Ankit Gupta

Academic Qualification

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

Ansuman Sharma

Academic Qualification

B.Tech Electrical Engineering, NIT Rourkela

Work Experience

Graduate Engineer Trainee, Shree Cement Ltd (13 months)

Atif Zeya

Academic Qualification

B.Sc. (Hons) Economics, Scottish Church College, Calcutta University

Internship

Indian Institute of Foreign Trade, Kolkata (1 month)

Bitan Basu

Academic Qualification

B.Math (Minors- Economics, Statistics), ISI Bangalore

Internship

The Indian Economist (1 month)
ISI Kolkata (2 months)
ISI Delhi (2 months)

Chandra Mouli Halder

Academic Qualification

5 year integrated M.Sc. In Economics, IIT Kharagpur

Internship

NABARD (2.5 months)
Royal Bank of Scotland (2 months)

Ishmeet Kaur

Academic Qualification

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

Internship

LifeCrust (2 months)

Jit Chattopadhyay

Academic Qualification

B.A. (Hons) Economics, Jadavpur University

Internship

ICICI (1 month)

Louis Dreyfus (2 months)

Kanishak Goyal

Academic Qualification

5 year integrated M.Sc. In Economics, IIT Kharagpur

Internship

University of Windsor, Ontario, Canada (12 weeks)

Mandeep Singh Bindra

Academic Qualification

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

Internship

BMR Consultant (4 weeks)

Core Experts Solutions (8 weeks)

Mareddy Ravi Prathap

Academic Qualification

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

Internship

IIM Bangalore (10 weeks)
ZO Rooms (2 months)

Naveen Yadav

Academic Qualification

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

Internship

Make a Difference (2 years)

Mudit Dhakar

Academic Qualification

B.Tech Mechanical Engineering, IIT Kanpur

Work Experience

Assistant Manager (Development), Bosch India (23 months)

Resemyur Makan

Academic Qualification

B.Sc. Biotechnology and Chemistry, St. Joseph's College, Bangalore