PLACEMENT BROCHURE 2012-13
Post Graduate Program in Quantitative Economics and Statistics

CHAIRPERSON PLACEMENTS

PROF DEBASIS MISHRA
Auctions, Game Theory, Mechanism Design
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STUDENT PLACEMENT COMMITTEE

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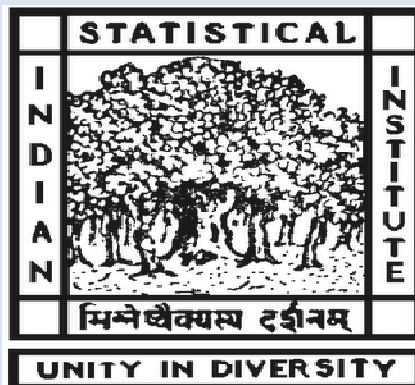**Sayani Gupta**
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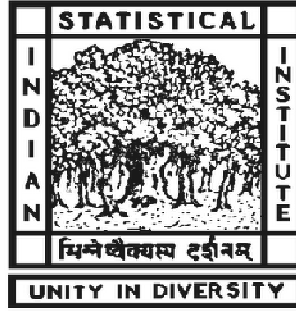Mobile**:** +91-95607-87963

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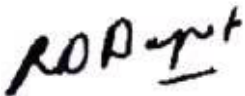Fax: 011-4149 3981

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ISI WEBSITE: http://www.isid.ac.in

Contents

Message from the Head, ISI Delhi

The Indian Statistical Institute has a long and proud tradition of excellence in training, teaching and research in a number of academic disciplines, centred on Statistics. It grants degrees and diplomas in Statistics, Mathematics, Quantitative Economics, and Computer Science. The Delhi Centre focuses on the disciplines of Economics and Statistics. Its alumni have made outstanding contributions to academic, governance and industry and it is my firm conviction that newer generations of alumni would continue to do so in the years to come.

I am happy that the placement cell of our institute is bringing out an updated brochure for 2012–2013 to showcase our academic programs and provide information to prospective employers. I am sure that the information contained in the brochure would generate active interest and the HRD people of the leading commercial and industrial organizations will conduct on-campus recruitment and offer coveted career opportunities to the students of our institute.

Dr.R.B.Bapat   Head, ISI Delhi Centre

Message from the Chairman, Placement Committee

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 calibre 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.

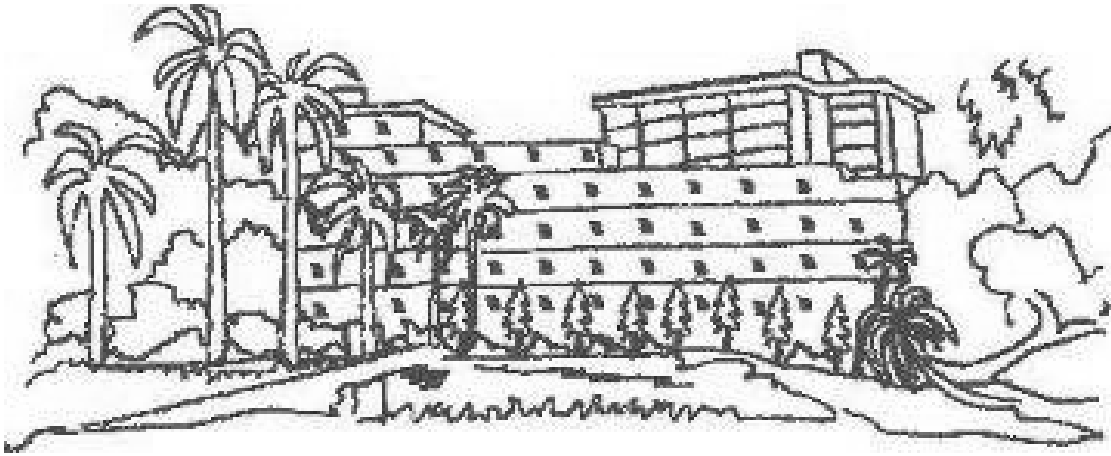As the Placement Cell Chairman, I sincerely believe that the ultimate test of the program and what a student learns has to be evaluated by the market. I, thereby encourage you to visit our campus and provide placement opportunities (for the batch 2012-2013) and summer internships for the first year students (of 2013-2014 batch) at an early date.

Looking forward to hearing from you soon.

Dr. Debasis Mishra
Chairman, Placement Cell

About Indian Statistical Institute, Delhi Centre

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.

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 M.S.(Q.E.) 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.

Master of Science (Quantitative Economics)

The M.S. (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 institute follows a rigorous semester system in which students study a minimum of five subjects per semester. The programme aims not only at economics but also gives students exposure to rigorous econometrics, mathematics and statistical techniques. The details of the program can be seen at *http://www.isid.ac.in/~pu/academics.html*

Courses offered: The programme has 20 courses - 5 per semester. A few courses are listed below:

• Econometrics	• Social Choice and Political Economy
• Advanced Econometrics	• History of Economic Thought
• Time Series Analysis & Forecasting	• Bayesian Econometrics
• Theory of Finance I	• Environmental Economics
• Theory of Finance II	• Mathematical Programming
• Game Theory I and II	• Macroeconomics & Microeconomics
• Statistics	• Development Economics
• Industrial Organization	• Real Analysis

Our strengths:

- Adaptable & innovative
- Software skills: Stata, E-Views and other statistical packages
- Good Communication skills
- Strong analytical and statistical modelling capabilities
- Strong Theoretical and Practical Knowledge of Statistical Techniques
- Students come from diverse backgrounds ranging from mathematics, economics, statistics and engineering.

Batch Size:

- 12 students (Second Year – For Full Time Jobs)
- 22 students (First Year – For Summer Internship)

Master of Statistics (Specialization Stream)

The Master of Statistics (MStat) 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 domain specific languages like R. The details of the program can be found at:

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

Basic Compulsory Courses (1st Year)

Linear Models and Markov Chains

Design of Experiments and Sample Surveys

Large Sample Statistical Methods

Real Analysis

Statistical Inference - I

Regression Analysis

Multivariate Statistical Analysis

Programming, Data Structures and Algorithms

Elective Courses (1st Year)

Nonparametric Inference (For QE specialization)

Time Series Analysis (For QE and AP specializations)

Measure Theoretic Probability (For AP specialization)

Complex Analysis and Metric Topology (For AP specialization)

Quantitative Economics (2nd year Specialization)

Microeconomics - I (Compulsory)

Microeconomics - II (Networks and Social Choice Theory) (Elective)

Game Theory - I (Compulsory)

Game Theory - II (Mechanism Design) (Elective)

Advanced Econometrics (Compulsory)

Development Economics (Elective)

Theory of Finance (Corporate Finance) (Elective)

Theory of Finance (Asset Pricing) (Elective)

Macroeconomics (Compulsory)

Advanced Probability (2nd year Specialization)

Advanced Probability - I (Martingale Theory) (Compulsory)

Advanced Probability - II (Interactions between Analysis and Probability Theory) (Elective)

Functional Analysis (Compulsory)

Stochastic Processes - I (Compulsory)

Stochastic Processes - II (Compulsory)

Topology and Set Theory (Elective)

Percolation Theory (Elective)

Stochastic Calculus (Elective)

Large Deviations Theory (Elective)

Calculus on Manifolds (Elective)

Game Theory - I (Elective)

Batch Size:
9 students(Second Year-For Full Time Jobs)
22 students (First Year – For Summer Internship)

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.

MSQE II Year Students' Profile

Ankur Mishra	
Academic Qualification	B.Sc.(H) Economics, R.K. Mission, Narendrapur ,Calcutta University, 2011

Jayati Khurana	
Academic Qualification	B.A (H) Economics, Sri Venkateswara College, Delhi University, 2011
Internship	• Equity Research, Goldman Sachs, 2012 • Business Research, Centre for Innovation, Incubation and Entrepreneurship (CIIE), IIM Ahmedabad, 2010 • Economic Research, Centre for Policy Alternatives, 2010 • Business Research, World Wide Fund for Nature (WWF-India), 2009

Kush Khurana	
Academic Qualification	B. Tech in Engineering Physics, IIT Delhi
Internship	Analyst Intern (Prime Brokerage IT) at UBS Investment Bank, (May 14 -July 27 2007)
Work Experience	Senior Associate (IP Litigation Consulting) at i-Runway, (June 3 2008 - July 22 2011)

Mohit Tuteja	
Academic Qualification	B.A. (H) Economics , Hansraj College, Delhi University, 2011
Internship	Project on "Stochastic Reserving", Actuarial Team, Reliance General Insurance Company Limited, 2012

Pratanu Mitra	
Academic Qualification	B.Sc (Hons) Economics, Presidency College, Calcutta University
Internship	2-month project work at Hope Foundation, Kolkata, 2010

Rohit Sarna	
Academic Qualification	B.A (H) Economics, Hansraj College, Delhi University, 2011
Work Exp	Equity Research, Goldman Sachs, 2012

Srijita Ghosh	
Academic Qualification	B.Sc.(H) Economics, Presidency College, Calcutta University, 2011

Sunakshi Gupta	
Academic Qualification	B.A (H) Economics , Hansraj College, Delhi University, 2011
Internship	Garage-wise analysis of motor claims data, Actuarial Team, Reliance General Insurance Company Limited, 2012

Puja Kankrania	
Academic Qualification	B.Sc.(H) Economics, Presidency College, Calcutta University, 2011
Internship	Economic Research, Competition Commission of India, 2012

V. Shivakumar	
Academic Qualification	B.E. Production Engineering, Madras Institute of Technology, Anna University,2006
Work Exp	Assistant Systems Engineer, Tata Consultancy Services, New Delhi 2006-2009

Vinod Gattani	
Academic Qualification	B.A (H) Economics, S.G.T.B. Khalsa College, Delhi University, 2011
Internship	Research Assistant, ISI Delhi

Yogeshwar Bharat	
Academic Qualification	Integrated B.Sc + M.Sc Physics , IIT Kharagpur, 2009
Work Exp	Research Analyst, Redwood Associates 2009-10

MSTAT II Year Students' Profile

Abhinaba Lahiri	
Academic Qualification	B.Sc.(H) Statistics, St.Xavier's College (Autonomous), Calcutta University
Internship	- CSO Project guided by National Academy Of Statistical Administration and Indian Agricultural Statistics Research Institute, Pusa - Completed a project on Implementing Simulated Annealing Optimization : Technique for Finding the Maximum Likelihood Estimates of a Mixture Normal Distribution

Adhidev Biswas	
Academic Qualification	B.Sc.(H) Statistics, St.Xavier's College (Autonomous), Calcutta University
Internship	Made a project on Fisheries Statistics in India under the Ministry of Agriculture, Department of Animal Husbandry, Dairying & Fisheries, Fisheries Statistics Division, Krishi Bhawan, New Delhi, Government of India

Rohan Chowdhury	
Academic Qualification	B.Sc.(H) Statistics, Presidency College, Calcutta University
Internship	CSO, Ministry of Micro, Small and Medium Enterprises

Sayani Gupta	
Academic Qualification	B.Sc.(H) Statistics, St.Xavier's College (Autonomous), Calcutta University
Internship	- Contract Retainer(Analyst) in HCL Technologies Ltd.,2012 - Summer CSO Project under the Ministry of Home Affairs,2012

Siddharth Chatterjee	
Academic Qualification	B.Tech, Electrical Engineering, IIT Kanpur, 2011
Internship	- Interim Engineering Intern, Qualcomm (VLSI), Summer of 2010 - Summer Training in National and International Statistical Systems, Central Statistical Organization (CSO) - Summer Undergraduate Research Grant Fellow (IIT K), Summer of 2009 - Placed with Nomura Securities (Quantitative Analyst)

Satadip Saha	
Academic Qualification	B.Stat. (Hons.), Indian Statistical Institute, Kolkata
Internship	- Worked as RA: Modelled the non-ruin probability of an insurance company as a function of its initial capital under the assumption that insurance claims are iid exponentially distributed. - Worked as RA: Attempted to frame dependent trading policies of two countries as a Urn Model and tried to find the condition for role reversal. Incomplete and still an open problem.

Swarnendu Chatterjee	
Academic Qualification	B.Sc.(H) Statistics, Presidency College, Calcutta University
Internship	CSO, Social Statistics Division, Ministry of Statistics

Yakshup Chopra	
Academic Qualification	B.Sc. (Hons.) Statistics, Hindu College, Delhi University, 2011
Internship	- CSO, Ministry of Animal husbandry, Dairying and Fisheries, 2012 - Marketing Research, Thrivent Management Consulting, 2010

M.S (Q.E) I Year Students' Profile

Aritri Das	
Academic Qualification	B.Sc. Hons. Economics, Presidency College, Calcutta University

Arjun Ghosh	
Academic Qualification	B.Sc. Hons. Economics, Presidency College, Calcutta University

Arnab Dutta	
Academic Qualification	B.Sc. Hons. Economics, Ramakrishna Mission Vidyamandira, Belur Math

Divya Singh	
Academic Qualification	B.A. Hons. Economics, Miranda College, Delhi University

Dushyant Kumar Rai	
Academic Qualification	B.Tech + M.Tech (Dual Degree) Biotechnology and Biochemical Engineering, IIT Kharagpur

Jasraj Singh Bhinder	
Academic Qualification	B.A (H) Economics, Sri Venkateswara College, Delhi University
Internship	Research Intern, Centre for Civil Society (2 months); CGA Associate, Commonwealth Games Delhi, 2010 (1 month)

Manvendra Singh	
Academic Qualification	B.Tech (Electronics & Telecommunication), KIIT University (Bhubaneswar, Orissa)
Internship	Bharat Sanchar Nigam Limited (2 months)
Work Experience	Software Engineer, HCL Technologies, 23 months

Md. Moshi Ul. Alam	
Academic Qualification	B.Sc. Hons. Economics, Jadavpur University

Neha Sharma	
Academic Qualification	B.A (H) Economics, Hansraj College, Delhi University
Internship	Actuarial Analyst and Research Assistant at Towers Watson (11 months)

Pubali Chakraborty	
Academic Qualification	B.Sc. (Hons) Economics, Presidency College, Calcutta University

Rudradip Saha	
Academic Qualification	B.Sc. (Hons) Economics, Presidency College, Calcutta University

Saksham Sharma	
Academic Qualification	B.Sc. (Hons) Physics, Hindu College, Delhi University

Sambojyoti Biswas	
Academic Qualification	B.Sc. (Hons) Economics, Presidency College, Calcutta University

Sarishtha Majumdar	
Academic Qualification	B.A (H) Economics, Jadavpur University
Internship	Corporate Planning and Industrial Research Department, Tata Steel, Kolkata, 8 weeks

Sayoudh Roy	
Academic Qualification	B.A. (Hons) Economics, A.R.S.D College, University of Delhi

Shrijata Chattopadhayay	
Academic Qualification	B.A. (Hons) Economics, Hansraj College, University of Delhi

Sounak Thakur	
Academic Qualification	B.Sc. (Hons) Economics, Presidency College, University of Calcutta

Suruchi Sawhney	
Academic Qualification	B.Sc. Programme, St. Stephen's College, University of Delhi
Internship	Ad Operations Team, Google India Pvt. Ltd. (1 year)

Tamish Dhamani	
Academic Qualification	B.A. (Hons) Economics, Hindu College, University of Delhi

Vikas Chaudhary	
Academic Qualification	B.Tech. in Electrical Engineering, IIT Kanpur
Work Experience	- Solution Developer, Tata Technologies (1 year) - Manager (Grade 1), ICICI Bank (2.5 years) - Credit Risk Analyst, JP Morgan Chase (1.2 years)

M.STAT I Year Students' Profile

Abhishek Sengupta

Academic Qualification	B.Sc. Hons. Statistics, Presidency College, Calcutta University

Ankur Lahiri

Academic Qualification	B.Sc. Hons. Statistics, Presidency College, Calcutta University

Arijit De

Academic Qualification	B.Sc. Hons.Statistics, Ashutosh College ,Calcutta University

Arindam Bhattacharyya

Academic Qualification	B.Sc Hons.Statistics, Presidency College, Calcutta University

Arnab Kumar Pal

Academic Qualification	B.Sc Hons.Statistics, Bidhannagar Government College

Binayak Ghante

Academic Qualification	B.Sc Hons.Statistics, St.Xavier'sCollege, Calcutta University

Debankur Mukherjee

Academic Qualification	B.Sc Hons.Statistics, Narendrapur Ramkrishna Mission, Calcutta University

Diptavo Dutta

Academic Qualification	B.Sc Hons.Statistics, St.Xavier'sCollege, Calcutta University

Indranil Sahoo

Academic Qualification	B.Sc Hons.Statistics, St.Xavier'sCollege, Calcutta University

Mainak Mitra

Academic Qualification	B.Sc Hons.Statistics, Narendrapur Ramkrishna Mission, Calcutta University

Mohana Dasgupta

Academic Qualification	B.Sc. (Hons)Statistics, Presidency College, Calcutta University

Paulami Chaudhuri

Academic Qualification	B.Sc Hons.Statistics, St.Xavier'sCollege, Calcutta University

Rahul Saha

Academic Qualification	B.Sc Hons.Statistics, St.Xavier'sCollege, Calcutta University

Samayita Bhattacharjee

Academic Qualification	B.Sc Hons.Statistics, St.Xavier'sCollege, Calcutta University

Satwik Achaaryya

Academic Qualification	B.Sc Hons.Statistics, St.Xavier'sCollege, Calcutta University

Sayan Das	
Academic Qualification	B.Sc Hons.Statistics, Narendrapur Ramkrishna Mission, Calcutta University

Sourav Ghosh	
Academic Qualification	B.Sc Hons.Statistics, Narendrapur Ramkrishna Mission, Calcutta University

Souvik Dhara	
Academic Qualification	B.Sc Hons.Statistics, Narendrapur Ramkrishna Mission, Calcutta University

Swagato Mukherjee	
Academic Qualification	B.Sc Hons.Statistics,Presidency College,Calcutta University

Swati Kumari	
Academic Qualification	B.Sc Hons.Statistics, Benaras Hindu University

Recruitment Process

Placement process for MSQE and M.Stat students at ISI Delhi will start in last week of December 2011. The batch of 2011-12 has 21 students which hail from premier colleges in India. The academic rigorousness of the programs makes our students valuable assets for any organisation.

Placement Guidelines:

1. Companies fill up and email the campus recruitment form (CRF) to placement@isid.ac.in
2. 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.
3. CVs of interested candidates are forwarded to the company. The company informs the placement committee about the shortlisted candidates.
4. The company visits the campus on the decided date and conducts its selection process.
5. The company informs the placement committee about the finally selected candidates, preferably within a day.

Past Recruiters