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Post Graduate Program in Quantitative Economics and Statistics
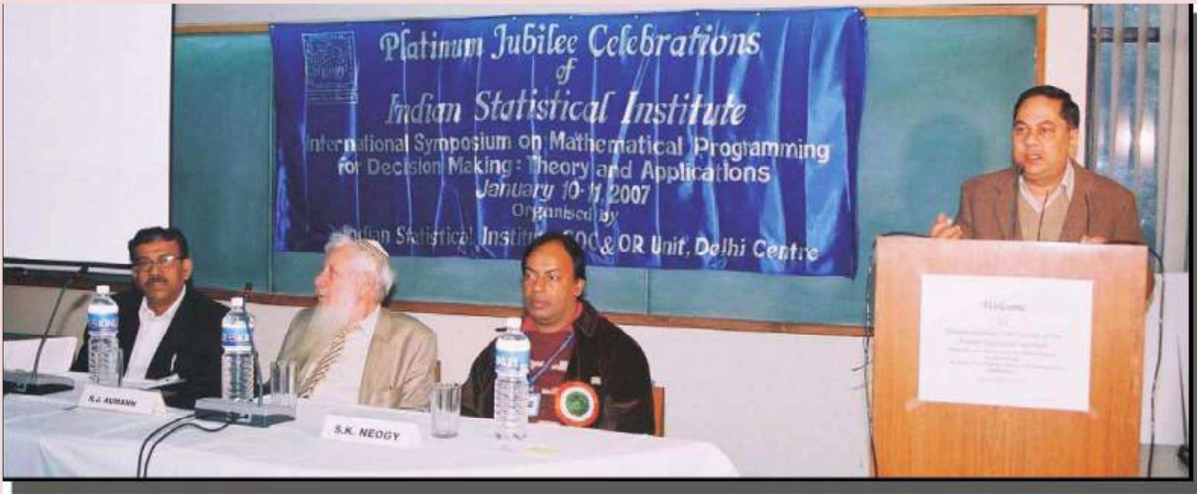
PLACEMENT BROCHURE 2011-12

www.isid.ac.in

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Message from the
Head ISI Delhi Centre

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 2011 – 2012 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 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 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.
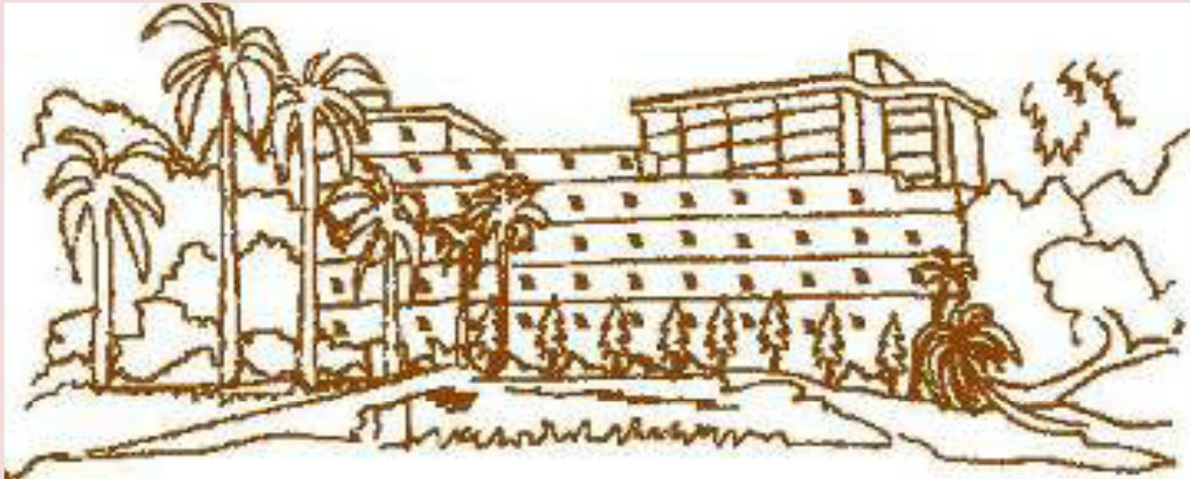
As the Placement Cell Chairman, I sincerely believe that the ultimate test of the program and what a student learns has to be evaluated by the market. I thereby, encourage you to visit our campus and provide placement opportunities (for the batch 2011-2012) and summer internships for the first year students (of 2012-2013 batch) at an early date.

Looking forward to hearing from you soon.

Dr. Debasis Mishra
Chairman, Placement Cell

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.
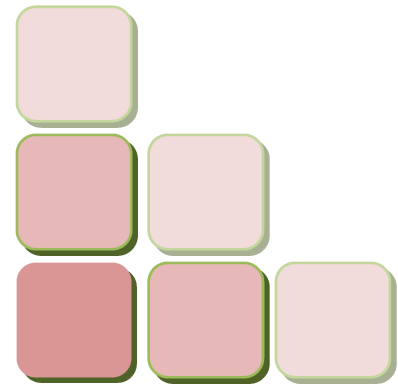
The Delhi Campus was inaugurated by Prime Minister Indira Gandhi on December 31, 1974. The campus offers two post graduate degrees: Master in Quantitative Economics and Master of Statistics (Applications Stream). The MSQE and M.Stat programs are offered by the Planning Unit and the Statistics and Mathematics 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.

Our Vision

The program aims 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 generally, with special reference to problems of planning of national development and social welfare and to undertake research in various fields of natural and social sciences, with a view to the mutual development of Statistics and these sciences Also it provides and undertake, the collection of information, investigation, projects and operational research for purposes of planning and the improvement of efficiency of management and production.

The stringent selection procedure, dynamic curriculum, highly qualified faculty and interaction with the prestigious visiting faculty makes the M.S. program at ISI one of the best of is kind.

The program aims 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. Also, students receive training in the latest econometric packages and modelling. We organize various seminars and lectures by the distinguished multidisciplinary scholars which helps them to get acquainted with the versatility of the real world. 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.

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.

Also, 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 course structure also includes hands on experience through term papers that employ actual data sets and software packages like Stata, Eviews and Gauss among others. 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
- Advanced Econometrics
- Time Series Analysis & Forecasting
- Theory of Finance I
- Theory of Finance II
- Game Theory I and II
- Statistics
- Industrial Organization
- Macroeconomics & Microeconomics
- Development Economics
- Linear Algebra & Real Analysis
- International Trade

- Social Choice and Political Economy
- Incentives and Organizations
- Privatization and Regulations
- Bayesian Econometrics
- Environmental Economics
- Mathematical Programming

Scope:

The course emphasizes theoretical as well as empirical aspects of the subjects. Class room teachings and traditional methods of evaluation are supplemented by assignments and term papers to hone the practical aspects of the teachings. The course is being taught by renowned faculty from Princeton, Cornell, Harvard and many other esteemed universities.

Our strengths:

- Adaptable & innovative
- Software skills: Stata, E-Views and others
- 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.
- Students also undergo under summer internship programmes to get hands on experience in the corporate sector

Batch Size:

- 21 students (Second Year – For Full Time Jobs)
- 13 students (First Year – For Summer Internship)

Master of Statistics (Applications Stream)

The Master of Statistics program at the Delhi campus is an application based program which combines in-depth knowledge of theory with expertise in C++, R, SPSS and MATLAB.

Students regularly undertake long-term projects which require independent thinking and intensive study in specialized topics. Also, at the end of the project, the students get the opportunity to present it before a panel of eminent academicians. The details of the program can be found at: *http://www.isid.ac.in/~statmath/syllabus/mssapp/mssapp.html*

Compulsory Courses

Analysis - I	Statistical Inference-II	Analysis - II
Probability and Stochastic Processes-I	Multivariate Analysis	Statistical Computing
Methods of Statistical Inference-I	Linear Models and GLM	Probability and Stochastic Processes-II
Linear Algebra	Regression Techniques	Sample Surveys and Design of Experiments
	Time Series Analysis	

Elective Courses

Metric Topology and Complex Analysis	Nonparametric Inference	Survival and Actuarial Models
Measure Theory	Actuarial Methods	Applied Multivariate Analysis
Advanced Linear Algebra / Matrix Analysis	Generalized inverse and applications	Advanced Sample Surveys
Functional Analysis	Topics in Design of Experiments	Microeconomics-I
Topics in Fourier analysis	Graph Theory	Macroeconomics – I
Game Theory	Finance	Microeconomics-II

Batch Size:

- 22 students (First Year – For Summer Internship)

MSQE II Year Students' Profile

ANWESHA BANNERJEE	
Academic Qualification	B.A (H) Economics, St. Stephens College, Delhi University, 2010
Internship	Proprietary Research Team, IMA India (1 ½ months)

ASHNA ARORA	
Academic Qualification	B.A (H) Economics, Sri Venkateswara College, Delhi University, 2010
Internship	TUI (2 months) Centre For Social Research (1 month)

BHAWNA MALHOTRA	
Academic Qualification	B.A (H) Economics , Jesus & Mary College, Delhi University, 2010
Internship	Analysis of major financial products in NBFCs, Reserve Bank of India

CHARUTA PARKHI	
Academic Qualification	B.A (H) Economics , Fergusson College, Pune University, 2009
Internship	Research Assistant (Intern), ISB, Hyderabad

DEEKSHA KALE	
Academic Qualification	B.A (H) Economics, Lady Shri Ram College, Delhi University, 2008
Work Exp	Research Analyst , McKinsey Knowledge Centre (1 yr & 10 months)

GURVINDER KAUR	
Academic Qualification	B.A (H) Economics, S.G.T.B Khalsa College, Delhi University, 2009
Internship	Developing Technology value-pricing framework, Tech Strategy Labs

KANIKA WADHWAN

Academic Qualification	B.A (H) Economics, Sri Venkateswara College, Delhi University, 2010

KUNAL SWAMI

Academic Qualification	B.A. (Hons.) Business Economics, Shivaji College, Delhi University, 2009
Internship	Field Innumerate, Delhi School of Economics Fuel Card Fraud Analysis, Genpact

MEHREEN MOOKERJEE

Academic Qualification	B.A (H) Economics, Jadavpur University, 2010
Internship	Implementation of Pareto Optimality in Private Provision of Public Goods : "The Role of Mechanism Design and Government Intervention"

NISHANT RAVI

Academic Qualification	Integrated B.Sc + M.Sc Physics , IIT Kharagpur, 2008
Work Exp	Analyst, Barclays Capital , Singapore(2 yrs)

PARTHA BANDOPADHYAY

Academic Qualification	B.Tech ,Mining, IIT Kharagpur, 2008
Work Exp	TATA STEEL ,SAP Enterprise Resource Planning (2 yrs)

PRANAV PAREEK

Academic Qualification	B.Tech , M.Tech , Chemical Engineering, IIT Roorkee, 2008
Work Exp	Business Analyst,TEG Business Solutions Pvt. Ltd.
Internship	Reading course on characterizing a non-dictatorial, strategy-proof social choice functions

PRIYANKA KOTHARI

Academic Qualification	B.A (H) Economics, Indraprastha College For Women, Delhi University, 2009
Internship	Research Assistant for the project "Competition dynamics and Sustainability of MFIs"

RIJU JOSHI	
Academic Qualification	B.A (H) Economics ,Kirori Mal College, Delhi University,2009
Internship	Centre de Sciences Humaines

ROHITASH KUMAR	
Academic Qualification	B.Tech in Mechanical Engineering, IIT Roorkee , 2009
Internship	SSPL, DRDO, Timarpur, Cryogenics, Delhi

SAIKAT GHOSH	
Academic Qualification	B.A (H) Economics, Jadavpur University , 2010
Internship	Research Aide for the Project " The Consequences of better access to rural schooling in UP: An evaluation of Right to Education

SANDEEP AGARWAL	
Academic Qualification	B.Tech , Mechanical Engineering, IIT Roorkee, 2007
Work Exp	1)Technical Manager, Reliance Industries Ltd. (1 yr and 9 months) 2) Business Analyst, Mu Sigma Business Solutions (1 yr)
Internship	1) Strategic Advisory, Tech Strategy Labs 2) Quality Assurance Division, Tata Motors

SANKET ROY	
Academic Qualification	B.A (H) Economics, Jadavpur University , 2010
Internship	Implementation of Pareto Optimality in Private Provision of Public Goods : "The Role of Mechanism Design and Government Intervention"

SAURABH GUPTA	
Academic Qualification	B.Tech in Chemical Engineering, NIT, Surathkal , 2007
Work Exp	1)Software Engineer, Accenture India (13 months) 2) Research Analyst, Manthan Services (14 months)
Internship	"Developing and Programming Statistical Models", Insightful Analysis

SUBHRODIP SEN GUPTA	
Academic Qualification	B.A (H) Economics, Shri Ram College of Commerce, Delhi University, 2010
Internship	Plant Planning, Durgapur Steel Plant

S. V. UDAY KUMAR	
Academic Qualification	B.Tech , Computer Science Engineering, Gayatri Parishad College of Engineering, JNTU Kakinada, Vishakapatnam
Internship	"Impact of institutional investors' participation on corporate profitability", Goldman Sachs

Kush Khurana

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

B.A. Honours economics, Hansraj College, Delhi University

V Shiva Kumar

B.E Production Technology, Madras Institute of Technology, Anna University, Chennai

Work Experience: Assistant Systems Engineer, 3 years TCS

Jayati Khurana

BA (Hons) Economics, Sri Venkateswara College, Delhi University

Internships: 1) Centre for Innovation, Incubation and Entrepreneurship (CIIE), IIMA- 1 month

2) Centre for Policy Alternatives (CPA) - 3 months

3) World Wide Fund for Nature (WWF) - 1 and half months

Ankur Mishra

B.Sc (Hons.) Economics Ramakrishna Mission Residential College, Narendrapur, Calcutta University

Rohit Sarna

B.A. Honours economics, Hansraj College, Delhi University

Sunakshi Gupta

B.A. Honours economics, Hansraj College, Delhi University

Pratanu Mitra

B.Sc (Hons) Economics, Presidency College, Calcutta University

Internship: 2-month project work at Hope Foundation, Kolkata

Pushkar Srigyan

 B. Tech, Mechanical Engineering, IIT Delhi, 2010

Internship: Mahle filters System, India (May - July 2009)

Yogeshwar Bharat

Integrated M.Sc in Physics, IIT Kharagpur, 2009

Internship: Redwood Associates for 8 weeks

Srijita Ghosh

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

Puja Kankrania

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

Vinod Gattani

B.A (Hons) Economics S.G.T.B. Khalsa College, Delhi University

Siddhath Chaterjee

B. Tech in Electrical Engineering, IIT Kanpur

Internship: 1) Eng. Intern at Qualcomm

2) SURGE – 2009 fellow at IIT Kanpur

3) Placed with Nomura Holdings, Mumbai

Saptarishi Chakraboty

B.Sc Statistics (Hons) Presidency college, Calcutta University

Abhik Sen

B.Sc Statistics (Hons) St. Xavier's college (Autonomous), Calcutta University

Abhinaba Lahiri

B.Sc Statistics (Hons) St. Xavier's college (Autonomous), Calcutta University

Suman Chakraboty

B.Sc Statistics (Hons) Presidency college, Calcutta University

Tania Roy

B.Sc Statistics (Hons) Presidency college, Calcutta University

Swarendu Chaterjee

B.Sc Statistics (Hons) Presidency college, Calcutta University

Noirrit Kiran Chandra

B.Sc Statistics (Hons) Ramakrishna Mission Residential College, Narendrapur, Calcutta University

Sayani Gupta

B.Sc Statistics (Hons) St. Xavier's college (Autonomous), Calcutta University

Rohan Chowdhary

B.Sc Statistics (Hons) Presidency college, Calcutta University

Nibedita Datta

B.Sc Statistics (Hons) Presidency college, Calcutta University

Yakshup Chopra

B.Sc Statistics (Hons) Hindu college, Delhi University

Debraj Das

B.Sc Statistics (Hons) Ramakrishna Mission Residential College, Narendrapur, Calcutta University

Ishani Chatterjee

B.Sc Statistics (Hons) Lady Sriram College for Women, Delhi University

Internship: 1) Did a project on consumer price indices for industrial workers with CSO

2) Worked with NGO, Aarohan for 2 months

Debmalya Nandy

B.Sc Statistics (Hons) Ramakrishna Mission Residential College, Narendrapur, Calcutta University

Tamalika Koley

B.Sc Statistics (Hons) Calcutta University

Paulami Maitva

B.Sc Statistics (Hons) Calcutta University

Sayantan Ghosh

B.Sc Statistics (Hons) St. Xavier's college (Autonomous), Calcutta University

Adhidev Biswas

B.Sc Statistics (Hons) St. Xavier's college (Autonomous), Calcutta University

Paulami Choudhary

B.Sc Statistics (Hons) St. Xavier's college (Autonomous), Calcutta University

Shwetadrishekhar Saha

B.Sc Statistics (Hons) Ramakrishna Mission Residential College, Narendrapur, Calcutta University

Sudipta Dutta

B.Sc Statistics (Hons) Vishwa Bharati 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