

CENTRE FOR DEVELOPMENT ECONOMICS
at the
DELHI SCHOOL OF ECONOMICS

The Eighteenth Annual Report

AUGUST 2011



CENTRE FOR DEVELOPMENT ECONOMICS
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CENTRE FOR DEVELOPMENT ECONOMICS
DELHI SCHOOL OF ECONOMICS

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INTRODUCTION

The Centre for Development Economics (CDE) was set up with a generous grant from the Ministry of Finance, Government of India as a research adjunct of the Delhi School of Economics (Department of Economics) to provide better research facilities to the faculty and the students of the Department of Economics. It is a non-profit organization that supports research in all areas of Economics. It came into existence in August 1992 and began effectively functioning from early 1993, with the full range of activities picking up only in late 1993 after it received its grants from the Government of India and the Ford Foundation.

AIMS

- To promote and disseminate research;
- To sponsor economists from all over India and abroad to visit the Delhi School of Economics;
- To conduct regular conferences and workshops;
- To upgrade research infrastructure, including communication and computing facilities.

THE COUNCIL

- **Pulin B. Nayak**
Executive Director
- **Ashwini Deshpande**
Secretary
- **Pami Dua**
Member
- **Mausumi Das**
Member
- **Sugata Bag**
Member
- **Aditya Bhattacharjea**
Managing Director
- **Ram Singh**
Treasurer
- **Sudhir A. Shah**
Member
- **Paramjit**
Member

ADVISORS

- **Kaushik Basu**
Professor of Economics and, C. Marks Professor of International Studies, Cornell University and, Padma Bhushan.
Currently, Chief Economic Advisor to the Ministry of Finance, Government of India
- **Mrinal Datta Chaudhuri**
Former Professor of Economics and Ex-Director, Delhi School of Economics
- **Amartya Sen**
Thomas W. Lamont University Professor and Professor of Economics & Philosophy, Harvard University, Cambridge, and, Nobel Laureate in Economics and Bharat Ratna.
- **Kenneth J. Arrow**
Joan Kenney Professor of Economics and Professor of Operations Research, Emeritus and CHP/PCOR Fellow; FSI Senior Fellow by courtesy, Stanford University and, Nobel Laureate in Economics
- **Bimal Jalan**
Ex-Governor, Reserve Bank of India and Member of Parliament (Rajya Sabha)
- **Joseph E. Stiglitz**
Professor of Economics, Columbia University, Former Senior President & Chief Economist, The World Bank and, Nobel Laureate in Economics

THE GOVERNING COUNCIL OF THE ENDOWMENT FUND

The Office Bearers of the Centre for Development Economics and the Head of the Department of Economics together with Chief Economic Advisor of the Ministry of Finance, Government of India, constitute the Governing Council of the Endowment Fund.

Activities During 2010 – 2011

WINTER SCHOOL 2010

The Centre for Development Economics organized an international workshop, called Winter School 2010, during December 13 to 15, 2010. Professor Dinesh Singh, Vice-Chancellor, University of Delhi, delivered the inaugural address.

The workshop consisted of two parts. The first part consisted of a series of expository lectures by invited eminent economists on their fields of research expertise. The second part consisted of short presentations of current research papers by scholars from India and abroad.

Professor Prasanta K. Pattanaik of the University of California at Riverside, USA delivered a series of lectures on 'Theory of Social Choice' entitled '*The Ethical Basis of Normative Economics and the Concept of Well-being*' and '*Functioning and Capability*'. **Professor Dilip Abreu** of Princeton University delivered a series of lectures entitled '*Bargaining and Reputation*'. **Professor Roy Batchelor** of Cass Business School, City University London delivered a series of lectures on 'Banking and Finance' entitled '*Forecasting versus Econometrics*', '*Heterogeneous Agents, Chaos Theory, Neural Networks and Genetic Algorithms*' and '*Technical Trading Rules – Analysing the Analysts*'. In addition to these lectures, short research talks were given by scholars from Burdwan University (West Bengal), Institute for Financial Management & Research (Chennai), Delhi School of Economics, Visva-Bharati (Santiniketan, West Bengal), TERI University (Delhi), Indian Statistical Institute (Kolkata), University of Paris I Pantheon Sorbonne, Columbia Law School (New York, USA), Indian School of Business (Hyderabad), University of Wisconsin-Milwaukee, Indian Institute of Technology (Kanpur), Waseda University (Tokyo, Japan), Madras School of Economics (Chennai), University of Cape Town (South Africa) and Indian Institute of Technology (Delhi).

The Winter School was extremely well-attended. Apart from the students and faculty of the Department of Economics, Delhi School of Economics, students and faculty from various other institutions in Delhi also attended the sessions and participated in the discussions.

The Centre for Development Economics would like to express its gratitude to University of Delhi, NABARD (Mumbai) and National Housing Bank (New Delhi), for their generous support to the Winter School.

SUKHAMOY CHAKRAVARTY MEMORIAL LECTURE 2010

The Professor Sukhamoy Chakravarty Memorial Lecture Organized by the Centre, was delivered by **Professor Kaushik Basu**, Chief Economic Advisor to the Ministry of Finance, Government of India and C. Marks Professor of Economics, Cornell University, on December 10, 2010. He spoke on '*India's Food Grain Policy – An Economic Perspective*'.

REFRESHER TRAINING PROGRAMME FOR ISS PROBATIONERS

The Centre organized a refresher training course on “*Recent Developments in Index Numbers*” during August 1 – 5, 2011, for a batch of 37 ISS Probationers from 31st and 32nd batch nominated by the National Academy of Statistical Administration (NASA), Central Statistical Organization (CSO), Ministry of Statistics & Programme Implementation, Government of India.

Professor T. C. A. Anant (Faculty Member, Delhi School of Economics and current Chief Statistician of India, Ministry of Statistics and Programme Implementation) delivered the inauguration lecture, while Professor Sudipto Mundle (Emeritus Professor at the NIPFP and Member, National Statistical Commission, Government of India) delivered the valedictory lecture to the participants.

KRISHNA RAJ SUMMER FELLOWSHIPS PROGRAMME 2010

Under the Krishna Raj Summer Programme (funded by Sameeksha Trust), nine groups of students from the Departments of Economics and Sociology of the Delhi School of Economics were selected and provided fellowships to carry out field surveys during the summer of 2010. These nine projects were selected from a set of 21 applications received initially and the surveys were executed under the supervision of Ashwini Deshpande, J. V. Meenakshi, Aditya Bhattacharjea and Anirban Kar.

The following projects were selected:

- 1. Evaluation of Ladli Yojana**
Apoorva Gupta (Economics)
- 2. Living in Bavana: Childhood Experiences of Girls**
Anupriya Gaur, Nidhi Gaur & Nivya Nair (Sociology)
- 3. Cost of Human Wildlife Conflict and Its Compensation in Kuno Wildlife Sanctuary**
Radhika Kapoor, Randeep Kaur & Sneha Lamba (Economics)
- 4. Identifying BPL Households: A Comparison of Competing Approaches**
M. R. Sharan (Economics)
- 5. Van Panchayats in Three Villages: Dependency and Access**
Chandana Anusha, Tanya Matthan & Devika Narayan (Sociology)
- 6. Solid Waste Management: A Case Study of Delhi**
Vishruti Gupta (Economics)
- 7. How Does the Existing Bamboo Policy Affect the Livelihood Options and Commercial Prospects of the Economically Disadvantaged in the North Eastern States of Mizoram and Arunachal Pradesh?**
Jennifer Pachua, Malavika Vyawahare & Zilpha Modi (Sociology) and Bhavnit Batra (Economics)

8. The Role of NGOs in Social Welfare of Poor People

Vijender Kumar, Virender Kumar & Alok Nandan (Economics)

9. Interface between Religion, Politics and Tourism in Dharamshala

Naina Sharma & Meghana Arora (Sociology)

The project entitled '*Identifying BPL Households: A Comparison of Competing Approaches*' by M. R. Sharan, student of M. A. (Economics) was selected for publication in the Economic and Political Weekly (EPW) and appeared in Vol. XLVI, Nos. 26 & 27, June 25, 2011.

KRISHNA RAJ SUMMER FELLOWSHIPS PROGRAMME 2011

Under the Krishna Raj Summer Programme (funded by Sameeksha Trust), fellowships were granted to eight groups of students from the Departments of Economics and Sociology of the Delhi School of Economics, for conducting field surveys under the supervision of Ashwini Deshpande, J. V. Meenakshi, Aditya Bhattacharjea and Anirban Kar, during May and June 2011. The detailed reports on these surveys will be provided in next year's annual report.

Research Projects 2010-11

INTERNATIONAL ECONOMETRIC INDIA LINK MODEL

(Forecasts are developed as part of World Project LINK.)

Project Coordinators: : **Pami Dua and N.R. Bhanumurthy**
Research Associates: : **Lokendra Kumawat and Deepika Goel**
Advisers: : **K. Krishnamurthy and V. Pandit**

The following activities were undertaken during the year 2010-11:

- Update of the model.
- Press Release on **INDIA LINK Macroeconomic Outlook for 2011-12**, May 2011.
- Presentation of forecasts in the World Project LINK International Meeting held at the United Nations, New York, October 2010.
- Presentation of forecasts at the Department of Economic Affairs, Ministry of Finance on 17th September 2010.
- Presentation of forecasts at the National Council of Applied Economic Research (NCAER), New Delhi on 29th July 2010.

A STUDY OF APPROPRIATE TAX AND REGULATORY POLICIES FOR THE USE OF PLASTIC BAGS IN DELHI.

Principal Investigators : **Kanupriya Gupta & Rohini Somanathan**
Funded by : **SANDEE, Kathmandu, Nepal**

In this paper we test for appropriate policies to control for plastic bag usage in Delhi. In January 2009, the Government of Delhi introduced a wide-ranging ban on the use of plastic bags in market places. Our results showed dilution of efficacy of the ban within a year, with widespread lack of enforcement. About 94% of the consumers still use plastic bags in blatant violation of rules. This motivated us to examine the effects of other possible price and non-price instruments requiring less monitoring and enforcement for controlling the use of plastic bags.

The effectiveness of these policies was tested through field experiments in semi-organized retail sectors. Over a 10-week period we introduced phased interventions in independently managed grocery and fruit and vegetable stores in several markets in the capital city of Delhi. The policy interventions included (i) provision of information to consumers through posters discouraging plastic and encouraging collective efforts to improve environmental quality, (ii) a cash back scheme contingent on use of non-plastic bags and (iii) cheap cloth bags as provision of substitutes to plastic bags.

We observed over 20,000 consumer transactions over the survey period and results indicate that cumulatively these interventions increase the proportion of consumers bringing their own bags from 4.6% in the baseline to 17.8% post treatment. The plastic bags (only) usage on an average came down from 79.1% to 65.8% respectively. Hence, in developing countries with little enforcement capacity, blanket ban may not be the best possible solution. Low cost information interventions, availability of substitutes to plastic bags and subsidies (taxes) on the use of reusable bags (plastic bags) could constitute an important policy-mix. We however find little persistence in these outcomes, with most consumers reverting back to pre-experiment patterns of behavior after the interventions were withdrawn. Our study suggests that low-cost instruments can substantially affect consumer behavior and environmental quality but that these interventions may need to be sustained over reasonably long periods to change norms.

ASIA-PACIFIC DISPUTE RESOLUTION PROGRAM – UNDERSTANDING INTEGRATED COMPLIANCE WITH INTERNATIONAL TRADE AND HUMAN RIGHTS STANDARDS IN COMPARATIVE PERSPECTIVE OF THE SOCIAL SCIENCES AND HUMANITIES RESEARCH COUNCIL OF CANADA (SSHRC).

Funded by : **The University of British Columbia, Vancouver, Canada**

The project continues to encompass five individual/team projects. Following is the progress report up to July 2011.

Ashwini Deshpande (Delhi School of Economics)

A keenly debated issue in the context of caste disparities in contemporary India is how exactly they are changing as the Indian economy globalises and liberalises. One view is that globalization, specifically captured by FDI and entry of MNCs, is likely to reduce inter-caste disparities by providing new employment opportunities and sources of upward mobility, hitherto unavailable to traditionally marginalized groups such as the Dalits. The project seeks to analyse whether, and to what extent, this view is valid, or is it the case that globalization is actually exacerbating pre-existing disparities by reinforcing traditional hierarchies.

In order to explore this, my work starts with a review of international experiences of the impact of globalization on domestic group disparities as well as a review of some literature on FDI in India and the discussions about the possible impact of liberalisation on caste disparities. I have compiled a review of the existing literature. I have been able to obtain data from the Ministry of Commerce on FDI approvals in India for the last ten years. I am now in the process of cleaning this data, assigning ISIC codes and identifying the location of these projects, in most cases right down to the district. This will then be used to build an all-India profile of FDI in the last decade. We will be able to identify total magnitudes, by state, by sector, and wherever possible, by district or region within a state. I also have estimates, based on National Sample Survey data, of educational attainment indicators by caste and gender, again at the district level. These two sets of data will be used to explore whether FDI could be instrumental in expanding employment to Dalits and women in sectors and avenues that were hitherto unavailable or out of reach. A part of the estimation will also explore the locational choice of FDI -- why it has tended to be geographically lopsided and the implications of geographical concentration in terms of employment creation for marginalised groups such as Dalits and women. This is very much work in progress, so there are no publications yet. Ashwini Deshpande's ongoing work examines the impact of globalization and in particular foreign direct investment on traditional caste hierarchies. Her data on educational attainments of caste and gender is complete and she is now cleaning the data regarding foreign direct investment and its location.

Ashwini Kulkarni (Pragati Abhiyan, Nashik)

Studied Systems of Andhra Pradesh which is doing very well in implementation of NREGA. Presented a report to Maharashtra Knowledge Corporation Limited which is advisor to Government of Maharashtra for e-Governance. The goal of Ashwini Kulkarni's work is to compare institutional models that govern the right to food act across different states in India. Her particular concern it to identify the governance practices that are responsible for the poor performance of the right to work schemes in Maharashtra. She has chosen two comparison states – Andhra Pradesh and Rajasthan. She has completed the study of Andhra Pradesh and her work on Rajasthan is ongoing.

Invited to be part of Maharashtra Knowledge Corporation Ltd (MKCL)'s team to study NREGA's AP model. Presented a report to Government of Maharashtra. Now invited to be consultant to MKCL who have a contract with Government of Maharashtra for suggesting improvements in implementation systems of NREGA.

Initiated a network of Civil Society Organisations working on NREGA in Maharashtra. The second meeting was purposefully held at Mumbai and the Minister and the Principal Secretary were invited and they did attend. This served as a platform for policy discussion and demanding necessary changes for improvement.

Closely working with the Government of Maharashtra, Principal Secretary to improve the mechanisms especially getting a Call Centre approved, putting an Ombudsman in every district.

Milind Murugkar (Pragati Abhiyan, Nashik) Bharat Ramaswami (Indian Statistical Institute, Delhi)

They have independently written academic papers and newspaper articles concerning the reform of food subsidies in India. For the future, they plan to collaborate on understanding the opportunities and limits for policy reform of food subsidies in different states in India. The chosen states are Chattisgarh, Madhya Pradesh and Maharashtra.

One of the main activities of Milind Murugkar has been advocacy of alternatives to the Public Distribution System.

- A short documentary '**America's Rationing System**' made by Milind Murugkar and his colleagues, based on the interviews of various stakeholders of the Food Stamp system in the New York found place in the leading TV channels in India. **America's Ration System** was aired three times on a leading television channel, IBN-Lokmat in August 2010, a regional network serving India's second most populous state of Maharashtra, home to over 96 million people. A shorter version of the documentary was broadcast on the leading Indian national television channel CNN-IBN, a sister station to CNN and well known for its Citizen Journalism Segment featuring news pieces created by ordinary citizens wishing to highlight pressing social concerns. **America's Ration System** aired on this program and was subsequently nominated for a Citizen Journalist Award by CNN-IBN's editorial board (<http://ibnlive.in.com/cjaward2010/nominees-fightback.php>)
- Milind Murugkar along with Bharat Ramaswami and Ashok Kotwal wrote articles in the leading news papers such as INDIAN Express and Hindustan Times, to draw the attention of the policy makers towards alternative mechanism of transferring the food subsidy to the poor such as cash transfer and food stamps. These attempts assume significance as the India is about to pass an ambitious Food Security bill to make food security the fundamental right of the poor in the country.
- These advocacy efforts succeeded in drawing attention of Mr. Rahul Gandhi, leader of the ruling Congress party to a piece written by Bharat Ramaswami, Ashok Kotwal and Milind Murugkar in the Indian Express of 19th January 2011. On 2nd February 2011 Bharat Ramaswami and Milind Murugkar made a presentation to Mr. Gandhi in his office in New Delhi, on 'Breaking the stalemate on the food security bill'.
- On 21st February 2011, South Asian Research and Development Initiative (SARDI) organized a panel discussion in New Delhi on 'Food Security and Indian Public Distribution system'. Milind Murugkar contributed to the discussion.
- Milind Murugkar participated as a panelist in a television program on alternatives to the Public Distribution System. This program 'Budget

allocation for social sector' was telecast by a leading national TV channel NDTV Profit on 10th March 2011. (<http://www.youtube.com/watch?v=kq2kKy3fG6U>).

- Milind Murugkar, visited villages in Buldhana district in the month of December 2010. He interacted with farmers and landless laborers through individual as well as group discussion. The purpose of these filed visits was to explore issues related to food security and farm wages.

THE DUTCH FACTORIES IN INDIA, VOLUME III, 1628 – 1630: A COLLECTION OF DUTCH EAST INDIA COMPANY DOCUMENTS PERTAINING TO INDIA.

Principal Investigator : **Om Prakash**
 Funded by : **Indian Council of Historical Research (ICHR), New Delhi**

The aforementioned project was sanctioned vide ICHR letter number I-33/2009-ICHR (GIA-III) RP dated 23 November 2009. The project was formally started on 1 December 2009.

The records of the Dutch East India Company are recognized to be a major source material on Indian history for the seventeenth and the eighteenth centuries. The Company, established in 1602, was the biggest trading entity of its time. It engaged in extensive trading operations in India for nearly two hundred years. The letters, reports and other documents available in the Company's archives contain an enormous amount of details on a variety of subjects. While commercial and economic matters arising out of the Company's own trade in the subcontinent as well as that of its rivals, including the Indian merchants, figure prominently in its documentation, these are not the only concerns of these records. Political, social, religious, and other matters are often found to have been discussed extensively in these documents. A particular strength of these records is the solid quantitative data they contain on a large number of variables.

The work done so far on the project relates to the year 1628 and a part of the year 1629. Note that as in the earlier volumes in the series (Vol. I covered the years 1617 to 1623 and Vol. II 1624 to 1627), each document has had to be translated from the original seventeenth century Dutch version into English. The documents were then edited and footnoted.

SEMINARS

The following seminars were organized by the Centre during 2010 – 11:

Date	Speaker	Topic
September 23, 2010	Clive Bell University of Heidelberg	Estimating the Social Profitability of PMGSY: A Bumpy Ride
September 29, 2010	Shasikanta Nandeibam University of Bath, U.K.	Menu Contracts in Teams
September 30, 2010	Arunava Sen ISI, Delhi	Nash Implementation with Partially Honest Individuals
October 21, 2010	Ram Singh Delhi School of Economics	Determinants of Delays and Cost Overruns in Public Procurement of Infrastructure: Roads and Railways
October 28, 2010	Mausumi Das Delhi School of Economics	What Do Teachers Do? The Quality-Quantity Tradeoff in a Public Education System with Heterogenous Agents and its Implication for Growth
November 3, 2010	Prachi Mishra Intl. Monetary Fund, Washington DC	How Does Trade Evolve in the Aftermath of Financial Crises?
November 4, 2010	Abhinash Borah University of Pennsylvania & Visiting Research Fellow, Centre for Development Economics, Delhi School of Economics	Other-Regarding Preferences and Concerns for Procedure?
November 11, 2010	Farzana Afridi Delhi School of Economics	Social Identity and Inequality: The Impact of China's Hukou System
December 8, 2010	Amartya Lahiri University of British Columbia, Canada	Castes and Labor Mobility
December 9, 2010	Yves Sprumont University de Montreal & Visiting Faculty, ISI, Delhi	An Axiomatization of the Serial Cost-Sharing Method
January 20, 2011	Mukta Mukherjee Syracuse University	The Effect of Fringe Benefit Tax on Wages: Evidence from India
January 21, 2011	Ralph A. Winter Sauder School of Business, University of British Columbia, Canada	Exclusionary Contracts
January 27, 2011	Siddhartha Chattopadhyay University of Albany - SUNY	The Sticky Information New-Keynesian DSGE Model: An Analysis under Taylor Rule
January 28, 2011	Nancy Gallini University of British Columbia, Canada	Private Agreements for Coordinating Patent Rights: The Case of Patent Pools

Date	Speaker	Topic
February 3, 2011	Ralph A. Winter Sauder School of Business, University of British Columbia, Canada	Innovation and the Dynamics of Global Warming
February 17, 2011	Stephane Marette Chair, UMR Economie Publique INRA-AgroParis Tech, Grignon, France	The Combination of Lab and Field Experiments for Benefit-Cost Analysis
February 18, 2011	Anmol Ratan Monash University	Trading Intentions and Behavioral Bidders in First-Price Auctions
February 24, 2011	Tridib Sharma Centro de Investigacion Economica, ITAM, Mexico & Visiting Faculty, ISI, Delhi	Axiom of Monotonicity: An Experimental Test
March 17, 2011	Prodyot Samanta Founder & President, ThirdEye RiskInsights, USA	Enterprise Risk Management: A Strategic Tool for Hedging Performance Disruptions
March 24, 2011	Sudha Narayanan Cornell University & Visiting Post Doctoral Fellow, Centre for Development Economics, Economics, Delhi School of Economics	Relationship Farming: The Problem of Enforcement in Contract Farming Systems in India
March 29, 2011	Vito Tanzi Honorary President, International Institute of Public Finance, USA & Former Director, Fiscal Affairs Department, International Monetary Fund	The Economic Role of the State: A Historical Perspective
April 26, 2011	G. Ananda Vadivelu Institute of Economic Growth	Does Participatory Development Mean Legitimation of Cooption Mechanisms? Evidence from Karnataka Watershed Development Agency, India
July 21, 2011	Romeo Balanquit Jawaharlal Nehru University	Common Belief Revisited
July 28, 2011	Gunjan Sharma University of Missouri	India's Mysterious Manufacturing Miracle
August 4, 2011	Amitrajeet A. Batabyal Rochester Institute of Technology	Human Capital Use, Innovative Activity, and Patent Protection in a Model of Regional Economic Growth
August 11, 2011	Rahul Deb University of Toronto	Relational Contract Farming: Theory and its Emergence in Ghana
August 18, 2011	Monica Jain University of California	India's Struggle against Malnutrition: Is the ICDS Program the Answer?

Research Publications of the Members 2010 – 11

The CDE continues to substantially facilitate the research conducted by its members. The current faculty of the Delhi School of Economics ranks *first* among economics institutions in India in research output.

A comprehensive set of rankings is maintained by RePEc (<http://ideas.repec.org/top/top.india.html>).

A. BANERJI

“Social Contracts, Markets and Efficiency: Groundwater Irrigation in North India” (with J. V. Meenakshi and Gauri Khanna), *Journal of Development Economics*, forthcoming.

ADITYA BHATTACHARJEA

“Did Kaldor Anticipate the New Economic Geography? Yes, but...”, *Cambridge Journal of Economics*, Vol. 34, No. 6, November 2010, pp. 1057-1074.

“India's New Competition Regime”, *CPI (Competition Policy International) Antitrust Chronicle*, November 2010.

“India's New Competition Law: A Comparative Assessment” (2008), reprinted in Eleanor Fox and Abel Mateus (eds.), *Economic Development: The Critical Role of Competition Law and Politics*, Vol. II, Cheltenham: Edward Elgar, 2011.

“International Cartels and Spheres of Influence”, in K. G. Dastidar, H. Mukhopadhyay and U. B. Sinha (eds.), *Dimensions of Economic Theory and Policy: Essays for Anjan Mukherji*, Oxford University Press, New Delhi, forthcoming.

“Antitrust Law”, in Kaushik Basu (ed.), *The Oxford Companion to Economics in India, 2nd Edition*, Oxford University Press, New Delhi, forthcoming.

“India's New Competition Regime: The First Two Years of Enforcement”, *The Antitrust Bulletin*, forthcoming.

ASHWINI DESHPANDE

Books:

The Grammar of Caste: Economic Discrimination in Contemporary India, Oxford University Press, New Delhi, July 2011.

Globalisation and Development: A Handbook of New Perspectives (Paperback reprint), Oxford University Press, 2010.

Papers:

"Merit, Mobility and Modernism: Caste Discrimination in Contemporary Indian Labour Markets", *Indian Journal of Labour Economics*, Vol. 53, No.3, July-September 2010, pp. 433-456

"Who is Eligible: Should Affirmative Action be Group- or Class-based?" (with William Darity, Jr. and Thomas E. Weisskopf), *American Journal of Economics and Sociology*, Vol. 70, No. 1, January 2011, pp. 238-268.

PAMI DUA

Book:

Exchange Rate Policy and Modelling in India (with R. Ranjan), Oxford University Press, New Delhi, forthcoming.

Papers:

"Determinants of Weekly Yields on Government Securities in India" (with N. Raje) in B. Kamaiah and S.V. Seshaiyah (eds.), *Select Issues in Macroeconomics: A Quantitative Approach*, ICFAI Press, forthcoming.

"Business and Growth Rate Cycles in India" (with A. Banerji) in Kaushik Basu (ed.), *The Oxford Companion to Economics in India*, 2nd edition, Oxford University Press, New Delhi, forthcoming.

Monthly Article on 'Forecasting and Tracking the Indian Economy Using DSE-ECRI Leading and Coincident Indexes' (with Anirvan Banerji), *Business Cycle Monitor*, ICICI Bank.

SUNIL KANWAR

"The Location of Overseas R&D and Intellectual Property Protection", *Journal of Development Economics*, forthcoming.

J. V. MEENAKSHI

"Are Consumers in Developing Countries Willing to Pay More for Micronutrient-Dense Biofortified Foods? Evidence from a Field Experiment in Uganda" (with Shyam Lal Chowdhury, Keith I. Thomas and Constance Owori), *American Journal of Agricultural Economics*, Vol. 93, No. 1, 2011, pp. 83-97.

"Social Contracts, Markets and Efficiency: Groundwater Irrigation in North India" (with A. Banerji and Gauri Khanna), *Journal of Development Economics*, forthcoming.

OM PRAKASH

Entry on "The Dutch East India Company", *The Oxford Encyclopedia of the Modern World*, forthcoming.

Entry on "First European Interventions in India", *The World and its People Encyclopedia*, forthcoming.

"Some Reflections on the Portuguese in the Indian Ocean Trade", *Proceedings of the XII Indo-Portuguese History Seminar*, forthcoming.

PARAM JIT

Book:

Portfolio Diversification Behaviour: A Study of Urban Salary Earners, VDM Verlag, Dr. Muller GmbH & Co. KG, Germany, July 2011.

RAM SINGH

"The Efficiency of Comparative Causation" (with Francesco Parisi), *Review of Law and Economics*, Vol. 6, No. 2, 2010, pp. 219-245

“Determinants of Cost Overruns in Public Procurement of Infrastructure: Roads and Railways”, *India Policy Forum*, Vol.7, 2011, pp. 97-158.

“A Simple Guide to Comparative Vigilance” (with Allan Feldman, Brown University), *Asian Law and Economics Review*, forthcoming.

UDAY BHANU SINHA

Book:

Dimensions of Economic Theory and Policy: Essays for Anjan Mukherji, Edited Volume (with K. G. Dastidar, H. Mukhopadhyay), Oxford University Press, New Delhi, forthcoming.

Papers:

“Price Competition in a Mixed Duopoly” (with K. G. Dastidar) in K. G. Dastidar, H. Mukhopadhyay and U. B. Sinha (eds.), *Dimensions of Economic Theory and Policy: Essays for Anjan Mukherji*, Oxford University Press, New Delhi, forthcoming.

“Patent Licensing from a High-Cost Firm to a Low-Cost Firm” (with Sougata Poddar), *Economic Record*, Vol. 86, No. 274, September 2010, pp. 384-395.

ROHINI SOMANATHAN

“The Application of Nonparametric Tests to Poverty Targeting” (with Isha Dewan), *Economic Letters*, Vol. 113, No. 1, October 2011, pp. 58-61.

“The Demand for Disadvantage” in Jean-Philippe Platteau and Robert Peccoud (eds.), *Culture, Institutions, and Development: New Insights into an Old Debate*, Routledge, 2010.

Papers Presented at Seminars/Conferences in India/abroad by the members during 2010-11

A. BANERJI

"Using a Discrete Choice Experiment to Elicit the Demand for a Nutritious Food: Willingness-to-Pay for Orange Maize in Rural Zambia" (with J.V. Meenakshi, V. Manyong, N. Mittal and K. Tomlins), Conference on 'Economic Growth and Development', Indian Statistical Institute, Delhi, December 2010.

"Social Contracts, Markets and Efficiency: Groundwater Irrigation in North India" (with J.V. Meenakshi and Gauri Khanna), Conference on 'Economic Growth and Development', Indian Statistical Institute, Delhi, December 2010.

ADITYA BHATTACHARJEA

“Who Needs Antitrust? A Historical Comparative Analysis for Developing Countries”, Global Competition Law Conference organized by the Centre for Law, Economics and Society of University College London, New Delhi, November 2010.

ASHWINI DESHPANDE

Conference on 'Indian Inequalities', Mumbai, organized by University of Michigan, Ann Arbor, February 2011.

Conference on 'Inequality in India' (invited speaker), University of Michigan, Ann Arbor, USA, November 2010.

PAMI DUA

“Economic Outlook for India: 2010-11 and 2011-12”, Ministry of Finance, New Delhi, September 2010.

“India and China in the Global Economy: Trade Linkages and Leading Exports Index”, Eurostat, European Commission, Luxembourg, October 2010.

“Whither Econometrics” (Invited Panelist), Indian Econometric Society Meetings, Indore, January 2011.

“Predicting Recessions and Downturns: A Robust Approach”, 15th Conference of Commonwealth Statisticians, Ministry of Statistics and Programme Implementation, New Delhi, February 2011.

“Capital Flows and Exchange Rates in India: An Empirical Investigation”, Workshop on 'Accumulation of International Reserves: Issues and Concerns', IMF Independent Evaluation Office and Department of Economics, Pondicherry University, Pondicherry, March, 2011.

PARIKSHIT GHOSH

"Media Bias and Electoral Competition" (with Archishman Chakraborty), Sixth Annual Conference on 'Economic Growth and Development', Indian Statistical Institute, Delhi, December 16-18, 2010.

"Repeated Elections and the Persistence of Inefficient Policies" (with Rohini Somanathan), Annual Conference on 'Contemporary Issues in Development Economics', Jadavpur University, December 21-22, 2010.

"Repeated Elections and the Persistence of Inefficient Policies" (with Rohini Somanathan), Workshop on 'Economic Theory and Policy', Jawaharlal Nehru University, 2011.

"Repeated Elections and the Persistence of Inefficient Policies" (with Rohini Somanathan), Association of Public Economic Theory Workshop on 'Political Economy of Development', Bangkok, July 23-24, 2011.

SUNIL KANWAR

“Overseas R&D and the Intellectual Property Protection that Host Nations Provide”, 5th Annual Conference of the EPIP Association, Maastricht University and United Nations University – MERIT, Maastricht, September 21, 2010.

“Intellectual Property Protection and Technology Licensing: The Case of Developing Countries”, Department of Economics, University of Marburg, May 25, 2011.

“Intellectual Property Protection and Technology Licensing: The Case of Developing Countries”, Nordic Countries Development Economics Conference, Department of Economics, University of Copenhagen, June 20-21, 2011.

“Intellectual Property Protection and Technology Licensing: The Case of Developing Countries”, Department of Economics, Kotholieke University of Leuven, June 28, 2011.

“Intellectual Property Protection and Technology Licensing: The Case of Developing Countries”, Asian Meeting of the Econometric Society, Department of Economics, Korea University, Seoul. South Korea, August 11 – 13, 2011.

RAM SINGH

“Procurement Contracts: Incentive Structure and Outcomes”, Sixth Annual Conference on 'Economic Growth and Development', Indian Statistical Institute, Delhi, December 2010.

“Data on Infrastructure Projects: Missing Dimensions”, Ministry of Statistics and Programme Implementation, Government of India, New Delhi, 2010.

“Public Private Partnership Contracts: International Variations and their Consequences”, 'Hamburg Law and Economics Lecture Series', University of Hamburg, Hamburg, Germany.

“Procurement Contracts: Comparison of Incentive Structure and Outcomes”, University of Bonn, Bonn, Germany.

“Public Private Partnerships for Infrastructure Development: Study of National Highways in India”, South Asia Institute, University of Heidelberg, Heidelberg, Germany.

UDAY BHANU SINHA

“Product Market Cooperation and Consumers in an Open Economy”, International Conference on 'Corporate Governance, Foreign Entry, and Market Competition', National University of Kaohsiung, Taiwan, April 22, 2011.

“Foreign Competition and Strategic Licensing”, International Workshop on 'Trade, Investment and Industrial Organization Theory' National Chung Cheng University, Taiwan, April 20, 2011.

“Understanding NREGA: A Simple Theory and Some Facts”, International Conference on 'Science, Technology and Economy: Human Capital and Development', Indian Institute of Technology (IIT), Bombay, November 11-12, 2010.

ROHINI SOMANATHAN

“Caste Hierarchies and Social Mobility India”, School of Social Sciences Lecture Series, Institute for Advanced Study, Princeton, October 21, 2010.

“Group Inequality in Democracies: Lessons from India and the United States”, Claremont McKenna College, November 22, 2010.

“Identity and Mobility”, Workshop on 'Co-evolution of Behaviors and Institutions', Santa Fe Institute, New Mexico, January 4-6, 2011.

“Repayment Incentives and the Distribution of Gains from Group Lending”, Department of Economics, University of California at Riverside, February 9, 2011.

“Contested Opportunities: The Paradox of Affirmative Action in India”, Order, Conflict and Violence Seminar Series, Yale University, New Haven, February 23, 2011.

“Contested Opportunities: The Paradox of Affirmative Action in India”, Conference on 'Indian Inequalities' Mumbai, organized by the Center for South Asian Studies, Michigan, March 1-4, 2011.

“Scheduling Caste: State-shaped Identity and Inequality in India”, Leon Levy Public Lecture, Institute for Advanced Study, Princeton, April 11, 2011.

Lectures/talks Presented by the Members during the year 2010-11

ADITYA BHATTACHARJEA

'On Economics of Competition Law', for economic advisors to various government departments, Indian Institute of Corporate Affairs, New Delhi, September 2010.

PAMI DUA

Lectures on “Financial Econometrics”, Faculty Development Programme, Delhi Institute of Advanced Studies, Indra Prastha University, July 2010.

SUNIL KANWAR

“Innovation and Intellectual Property Rights”, Department of Economics, Lady Shri Ram College, University of Delhi, September 16, 2010.

“Innovation and Incentives”, two lectures to the IES probationers, Institute of Economic Growth, University Enclave, April 8, 2011.

Honours Received by the Members during the year 2010-11

SUNIL KANWAR

Visiting Professor, Department of Economics, University of Goettingen, Germany, Summer Semester 2011.

RAM SINGH

Commonwealth Fellowship in Economics 2011.

ROHINI SOMANATHAN

Leon Levy Foundation Member, Institute for Advanced Study, Princeton, 2010-2011.

Podlich Distinguished Visitor, Claremont McKenna College, November 2010.

WORKING PAPERS 2010 – II

Downloadable from <http://www.cdedse.org>

Continuing from reports of previous years

PAPER NO.	AUTHOR	TITLE AND MONTH & YEAR OF PUBLICATION
189	Deepti Goel	Social Ties and the Job Search of Recent Immigrants (September 2010)
190	Farzana Afridi Sherry Xin Li Yufei Ren	Social Identity and Inequality: The Impact of China's Hukou System (October 2010)
191	Sudhir A. Shah	Comparative Riskness of Random Vector Outcomes (November 2010)
192	Jean-Marie Baland Rohini Somanathan Zaki Wahhaj	Repayment Incentives and the Distribution of Gains from Group Lending (November 2010)
193	Partha Sen	Monetary Policy, Capital Flows, and the Exchange Rate (December 2010)
194	Partha Sen	Singapore's Exchange Rate-Based Monetary Policy: A Critical Evaluation (December 2010)
195	Arghya Ghosh Partha Sen	Privatization in a Small Open Economy with Imperfect Competition (December 2010)
196	Diganta Mukherjee Uday Bhanu Sinha	Understanding NREGA: A Simple Theory and Some Facts (January 2011)
197	Pami Dua Rajiv Ranjan	Modelling and Forecasting the Indian RE/US Dollar Exchange Rate (February 2011)
198	Reetika Khera	Trends in Diversion of PDS Grain (March 2011)
199	S. S. Rajan K. L. N. Reddy V. Pandit	Efficiency and Productivity Growth in Indian Banking (July 2011)
200	Pami Dua B. N. Goldar Smruti Ranjan Behera	Foreign Direct Investment and Technology Spillover: An Evaluation Across Different Clusters in India (August 2011)
201	Harish Mani G. Bhalachandran V. Pandit	Public Investment in Agricultural and GDP Growth: Another Look at the Inter Sectoral Linkages and Policy Implications (August 2011)
202	Pami Dua Anirvan Banerji	Predicting Recessions and Slowdowns: A Robust Approach (August 2011)
203	Tarun Kabiraj Uday Bhanu Sinha	Strategic Outsourcing with Technology Transfer (August 2011)

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Computing Facilities & Databases, Library and Visitors

The Centre has well-equipped air-conditioned computer labs with software and hardware for meeting the research and training needs of M.A., M.Phil and Ph.D. programmes of the Department of Economics, Delhi School of Economics. Currently there are 100 Desktop Computer Systems linked through network with DELL Power Edge SC430 (Linux Server). Broadband internet connectivity from SIFY Technologies Limited has been provided to all of the Computer Systems. The Centre also provides in-house web based e-mail facility to the faculty, visiting research scholars, M.Phil. and Ph.D. students of the Department of Economics. Besides, the Centre has acquired several data sets to support the research need of the Members and students.

The Centre has acquired wide range of statistical and econometric software packages such as: *Stata*, *E-Views*, *Shazam*, *Gauss*, *RATS*, *LIMDEP*, *NLOGIT*, *MICROFIT*, *Mathematica*, and *Scientific Work Place*. It has access to various online and offline databases including *National Sample Survey (NSS)*, *National Accounts Statistics of India*, *National Accounts Statistics of India*, *Annual Survey of Industries (ASI)*, *Census of India Company Directory Series*, *Time Use Survey*, *Domestic Product of States of India (EPWRF)*, *Prowess*, *Econlit*, *Institute for Studies in Industrial Development (ISID)*, *JSTOR* (through university), *Indiastat.com*, *Sciencedirect.com* (through university), *SCC Online* (Supreme Court Case Finder & Supreme Court Cases), *Economic & Political Weekly (EPW)* online.

LIBRARY

The Centre maintains a mini library, which consists of specialized research resources including collection of published material and data sources related to economic research.

VISITORS & FELLOWS

The Centre from time to time entertains visitors and appoints fellows.

During the year Dr. Abhinash Borah from University of Pennsylvania was Visiting Research Fellow and Dr. Sudha Narayanan from Cornell University was Visiting Post-Doctoral Fellow at the Centre.

Office Staff – August 2011

- **Sanjeev Sharma**
Sr. Systems Administrator
- **K. P. Vinayan**
Sr. Systems Administrator
- **Surjeet Singh**
Sr. Office Assistant
- **Rajesh Papnai**
Sr. Office Assistant
- **Mritunjay Singh Bisht**
Office Assistant
- **Dinesh Kumar**
Jr. Office Assistant
- **Ashok Kumar**
Jr. Office Assistant

Finance & Accounts

Finance & Accounts : **Jayaraman & Co.**
Chartered Accountants
V. K. Krishna Menon Bhawan
9, Bhagwandass Road
New Delhi | 110001

Auditors : **Khanna & Annadhanam**
Chartered Accountants
3/7B, Second Floor,
Asaf Ali Road,
New Delhi - 110002