

# ANNUAL REPORT 2010-11

Indira Gandhi Institute of Development Research  
(A Deemed University)



An Advanced Research Institute  
Established by Reserve Bank of India





## Organization of IGDR

### Background, Aims and Objectives

The Indira Gandhi Institute of Development Research (IGDR) is an advanced research institute established in 1987, in Mumbai, by the Reserve Bank of India, for the study of national and global issues relating to economic development. The Institute is recognized as a Deemed University under Section 3 of the UGC Act. The primary objectives of the Institute are to:

- (i) promote and conduct research on development from a broad inter-disciplinary perspective
- (ii) serve as a center to promote cooperative endeavor and interaction between research scholars and institutions in India and abroad
- (iii) undertake any other project or activity, which the Institute may usefully carry out for the furtherance of development and social welfare.

### Board of Management

The present composition of the Board of Management is as follows:

- |  |           |
|--|-----------|
| 1. <b>Dr. D. Subbarao</b><br>Governor  | Chairman  |
| 2. <b>Dr. S. Mahendra Dev</b><br>Director, IGDR, Mumbai                                | Member    |
| 3. <b>Dr. K.L. Krishna</b><br>Ex. Director, Delhi School of Economics, New Delhi       | Member    |
| 4. <b>Dr. Vikas Chitre</b><br>Hon. Director, Indian School of Political Economy, Pune  | Member    |
| 5. <b>Dr. Subir Gokarn</b><br>Dy. Governor<br>Reserve Bank of India, Mumbai            | Member    |
| 6. <b>Dr. G.K. Chadha</b><br>CEO, South Asian University, Delhi                        | Member    |
| 7. <b>Dr. Goverdhan Mehta</b><br>Ex-Director, Indian Institute of Science, Bangalore   | Member    |
| 8. <b>Dr. Ashima Goyal</b><br>Professor, IGDR, Mumbai                                  | Member    |
| 9. <b>Dr. S. Chandrasekhar</b><br>Associate Professor, IGDR                            | Member    |
| 10. <b>Dr. Mihir Rakshit</b><br>Director, Monetary Research Project ICRA Ltd., Kolkata | Member    |
| 11. <b>Mr. Jai Mohan Pandit</b><br>Registrar   | Secretary |

### Past Members of the Board of Management

- Mr. R. N. Malhotra (Chairman)**  
From inception to December 1990
- Mr. S. Venkitaramanan (Chairman)**  
From December 1990 to December 1992
- Dr. C. Rangarajan**  
Member from inception to March 1993  
Chairman from March 1993 to November 1997
- Dr. Bimal Jalan (Chairman)**  
From November 1997 to September 2003
- Dr. Y.V. Reddy (Chairman)**  
From Sept. 2003 – Sept. 2008)
- Dr. Kirit Parikh**  
From inception to July 2000
- Dr. Sukhamoy Chakravarty**  
From inception to August 1990

- Dr. D. T. Lakdawala**  
From inception to April 1992
- Mr. V. M. Dandekar**  
From March 1993 to July 1995
- Dr. P. K. Iyengar**  
From inception to December 1994
- Dr. M. S. Gore**  
From inception to January 1996
- Dr. J. K. Ghosh**  
From September 1991 to January 1996
- Dr. Kirit S. Yagnik**  
From September 1991 to January 1996
- Dr. M. Gadgil**  
From March 1993 to July 1994
- Mr. S. S. Tarapore**  
From March 1993 to September 1996
- Dr. Raghendra Jha**  
From February 1998 to January 2000
- Dr. K.V. Ramaswamy**  
From February 1998 to January 2000
- Dr. Mrinal Dutta Chaudhary**  
From September 1991 to January 2002
- Dr. I. G. Patel**  
From September 1992 to January 2002.
- Dr. Jyoti Parikh**  
From January 1996 to September 1998 and From February 2000 to January 2002
- Dr. Veena Mishra**  
From February 2000 to January 2002
- Dr. M.H. Suryanarayana**  
From 30-1-1996 to 29-1-98 and From 1-2-2002 to 31-1-2004
- Dr. Susan Thomas**  
From 1-2-2002 to 31-1-2004
- Dr. Suhas P. Sukhatme**  
From 13-8-1996 to 31-12-2004
- Dr. R. Nagaraj**  
From 1-2-2004 to 31-1-2006
- Dr. L.K. Deshpande**  
From 14-9-1996 to 31-8-2006
- Smt. Shyamala Gopinath**  
From 1-12-2004 to 14-7-2005
- Dr. R. Radhakrishna**  
From 5-3-2001 to 31-10-2007
- Dr. Amaresh Bagchi**  
From 13-8-1996 to 19-2-2008
- Dr. B. Sudhakara Reddy**  
From 1-2-2006 to 31-1-2008
- Dr. Vijay Laxmi Pandey**  
From 1-2-2006 to 31-1-2008
- Dr. Rakesh Mohan**  
From 15-9-2005 to 9-6-2009
- Dr. B.B. Bhattacharya**  
From 18-12-2006 to 17-12-2009
- Dr. P.V. Srinivasan**  
From 1-2-2008 to 31-5-2009
- Dr. R. Krishnan**  
From 1-2-2008 to 31-1-2010
- Dr. D.M. Nachane**  
From 1-11-2007 to 30-4-2010



## IGIDR at a Glance

Established in	1987
Affiliated with Mumbai University	1990
Granted Deemed University status by the Govt. of India	1995
Faculty staff strength (as on March 31, 2011)	27
Current number of students including part-time (as on March 31, 2011)	83
Ph.D. awarded to date	76
Ph.D. thesis under examination	2
Continuing thesis work (including part-time students) (as on March 31, 2011)	27
M.Phil. awarded to date	68
M.Phil. thesis under examination	7
No. of M.Sc. students pursuing course work	47
M.Sc. degrees awarded	112
No. of M.Phil./Ph.D. and External Ph.D. students pursuing course work	15
Ongoing projects	11
Project reports	66
Reprints (journals and chapter in books)	941
Working papers	129



## Personnel

### Director (Vice Chancellor)

Mahendra Dev S. (from 16-08-2010)

### Professors

Babu P. G.

Ganesh-Kumar A. (EOL)

Goyal Ashima

Nagaraj R.

Panda Manoj (EOL)

Ramaswamy K.V.

Ray Shovan

Reddy Sudhakara B.

Sarkar Subrata

Sengupta Nirmal (up to 28-02-2011)

Sharma Vinod K.

Suryanarayana M.H.

Vaidya Rajendra

### Associate Professors

Chandrashekhar S.

Chaudhuri Kaushik (up to 8.09.2010)

Krishnan R.

Mythili G.

Pal Rupayan

Pandey Vijay Laxmi

Sarkar Jayati

Srijit Mishra

Srinivasan Naveen K.

Sripad Motiram

Yedla Sudhakar

### Assistant Professors

Sarkar Shubhro

Thomas Susan

Veeramani C.

### Emeritus Professor

Nachane D.M. (from 12.08.2010)

### Visiting Fellow, Consultant

Ajit Sinha, Visiting Professor

### Post Doctoral Fellow

Altaf Hussain Kira

Durgesh Pathak

Praveena Sri (up to 31.08.2010)

Syam Prasad

Saini Gordhan Kumar (up to 18.05.2010)

### Registrar and C.A.O.

Jai Mohan Pandit

### Administrative Officer

George Diana

### Chief Librarian

Manjunath G.K.

### Deputy Librarian

Pujar S.M.

### Chief Accountant

Doshi Satish S.

### Systems Analyst

Panda Lingaraj

### Private Secretary to Director

Mahesh Mohan T.S.

### Junior Administrative Officer

D'Mello Fabina

Mallick Anita

Uthale Sanjay

### Junior Accountant

Surka Ismail

### Secretaries

Ananthi T.S.

Borkar Jayashree

D'souza Lavina

Lobo Martha

### Administrative Assistants

D'souza Nelson

Verma Mukesh

### Accounts Assistants

Gawde N.

K.S. Mahesh

### Computer Assistant

Salunkhe Pravin

### Telephone Operator

Shringarpure Pratima

### Library Assistants

Haliwale Sangeetha

Hattangadi Vinita

Mitesh Pandya



## Research Activities

This section presents the topic-wise research carried out by IGIDR faculty members.

### Macro Economics and Monetary Economics

In the context of fundamental determinants of exchange rates, Ashima Goyal (Evolution of India's Exchange Rate Regime," Chapter 14 in Sameer Kochar (ed.) *Growth and Finance: Essays in Honour of C. Rangarajan*, 2011) analyzes the changing INR trends over the reform period. In the early reform years the chief concern was to limit appreciation from inflows, and from higher domestic inflation, given the trade deficit. Hence short-term nominal depreciation maintained a long-term real fix. She addresses how the exchange rate could contribute to three possible policy objectives—maintaining a real competitive exchange rate, neutralizing inflationary oil shocks, deepening foreign exchange markets and encouraging hedging.

Ashima Goyal examines the 'History of Monetary Policy in India since Independence' (Report for 2010-11 first Professor P.B. Brahmananda Memorial Research Grant Award, 2011) in the context of interplay between domestic structure and external factors. The many changes recorded, and dynamism displayed, by the economy, its institutions and policy, counter the argument that democracies are doomed to stagnation. The future will see these years as transformative for India and its institutions. In an interesting study Ashima Goyal ('Inflation Pressures in South Asia', for Economic and Social Survey of Asia and the Pacific. UN-ESCAP Project Report 2011. UNESCAP working paper at: [http://www.unescap.org/pdd/publications/workingpaper/wp\\_11\\_14.pdf](http://www.unescap.org/pdd/publications/workingpaper/wp_11_14.pdf)) brings out the similarities yet differences across South Asian countries, and argues that their differential response to recent food and oil price shocks, gives a useful opportunity to better understand the structure

of inflation in these economies. The analysis brings out the importance of food prices for the inflationary process. Ashima Goyal ("Inflows and Policy: Middling Through", *India Development Report 2011*, Chapter 11, D.M. Nachane (ed.), New Delhi: IGIDR and Oxford University Press, Forthcoming) has made a survey of India's policy choices over the reform period with respect to liberalization of the capital account, their underlying rationale and politics, demonstrated the kinds of capital inflows that resulted; their special characteristics, and examined the impact of and handling of the East Asian and the Global Financial Crisis.

By testing the causal relation between CPI and WPI inflation using a battery of time series techniques on the indices and their components, Ashima Goyal and Shruti Tripathi (Extracting Information on Inflation from Consumer and Wholesale Prices and the NKE Aggregate Supply Curve." WP-2010-012. <http://www.igidr.ac.in/pdf/publication/WP-2010-012.pdf>) find that supply shocks play an important role. The insignificance of the demand variable in short-run adjustment indicates an elastic aggregate supply. The exchange rate affects consumer prices. There is no evidence of a structural break in the time series on inflation. Convergence is slow, and this together with differential shocks on the two series may explain their recent persistent divergence.

In the paper "Monetary Policy in a low Inflation Environment: Is there evidence for Opportunistic Behaviour?," Naveen Srinivasan (with M. Ramachandran and Sudhanshu Kumar, *Journal of Quantitative Economics*, New Series Vol. 8 (2), July 2010, pp. 4-19) argues that the Opportunistic Approach to disinflation is an influential model of optimal monetary policy. This strategy for disinflation suggests that in a low inflation environment policymakers' would give higher weight to inflation stabilization when inflation is strengthening, but higher weight to stabilizing output when the economy is



## Research Activities

already producing lower inflation via favorable supply shocks. In another paper titled “Ruling out unstable equilibria in New Keynesian models,” Naveen Srinivasan and Patrick Minford (*Forthcoming in Economics Letters*, 2011) propose that The New Keynesian (NK) Taylor-rule model of inflation should be formulated with a money demand function and also embody a terminal condition on inflation, implemented by switching to a money supply policy explicitly designed to stop bubble paths at some point should they occur.

In the study “The Future of Financial Liberalization in South Asia,” Ashima Goyal (WP-2010-022. November 2010, <http://www.igidr.ac.in/pdf/publication/WP-2010-022.pdf>) distinguishes between liberalization of domestic financial markets and capital account convertibility and argues that deepening domestic markets and better domestic and international regulation is a necessary prerequisite for full convertibility. The direction of future liberalization should be such as to meet Indian needs of financial inclusion, infrastructure finance, and domestic market deepening.

### Development Economics

Rising food prices would significantly undermine the food security and livelihood of the most vulnerable by eroding their limited purchasing power. In the paper titled “Rising Food Crisis and Financial Crisis in India: Impact on Women and Children and Ways of Tackling the Problem” (IGIDR Working Paper, WP 2011-003), S. Mahendra Dev examines the impact of rising food prices and financial crisis on the impact of women and children in India. The paper identifies the pathways for dealing with the effects of the crisis and suggests desirable macro and sectoral policies and measures which would mitigate the negative effects and effectively protect households during the crisis with special focus on the issues of nutrition, health, education and enhancement of child protection.

Evaluating the impact of NREGS scheme, the study by S. Mahendra Dev on “NREGS and Child Well Being” (Working Paper, IGIDR, WP-2011-004) addresses the host of issues such as 1) the pathways in which NREGS affect households, especially children 2) changes in child labor pattern 3) changes in the expenditure pattern of families 4) impact on women’s well-being and empowerment and 5) availabilities of child care facilities at worksites.

Examining the rising inequalities in India in recent times, Sripad Motiram (with Arjun Jayadev and Vamsi Vakulabharanam), “Patterns of Wealth Disparities in India: 1991-2002,” in Sanjay Ruparelia, Sanjay Reddy, John Harriss and Stuart Corbridge (eds.), *Understanding India’s New Political Economy: A Great Transformation?* London: Routledge, 2011, documents the rise and consolidation of an urban elite that can be argued to roughly correspond to the new Indian middle class or white-collar workers. The study also documents the wealth and power of the rural elite, which has its roots in land in rural areas, but is also involved in non-agricultural activities, and has links to small towns and cities.

Analysis of household resource allocation and labor market by Ashima Goyal, (“Developing Women: Why Technology Can Help,” *Journal of Information Technology for Development*, Vol 17(2) pp. 112-132. April, 2011) shows that a small difference in the technology of production of the household good magnifies relative costs of external work for women. But devoting more time to the household lowers their human capital and perceptions of their abilities—they get stuck in self-reinforcing low-productivity traps. Equilibria satisfy static efficiency but are dynamically inefficient. Information technologies (IT) lower matching costs and make flexi-time-space, high paying work feasible. But special policies are required to change entrenched perceptions.

S. Chandrasekhar (“Factors Affecting Age at Marriage and Age at First Birth in India” *Journal*



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of Quantitative Economics) attempts to identify the determinants of age at marriage and age at first birth and establishes the negative relationship between educational attainment and prevalence of underage marriage using Census 2001 data.

Srijit Mishra and Hippu Salk Kristle Nathan ('Progress in Human Development: Are we On the Right Path? *International Journal of Economic Policy in Emerging Economies*, 3(3): 199-221, 2010) measure progress, deviation and fluctuation for 127 countries in the period 1990-2004 by using the displaced ideal method that calculates human development index as the inverse of the Euclidian distance from the ideal. The paper, published prior to the *Human Development Report 2010*, has robust results as they match with that echoed in the report.

Chandan Kumar and Srijit Mishra "Banking Outreach and Household level Access: Analyzing Financial Inclusion in India" (presented at the '13th Annual Conference on Money and Finance in the Indian Economy,' Indira Gandhi Institute of Development Research, Mumbai, February 25-26, 2011) attempt to measure and understand financial inclusion by looking at supply of (banking outreach indicators such as number of deposit and credit accounts, number of bank branches, average deposit and credit amount per account and credit utilized) and demand for (indicators of household level access such as the proportion of households having saving, credit and insurance facilities) financial services. They find that the presence of the informal sector in providing financial services is significant, especially in rural areas. Their suggestion is: to widen the ambit of policy initiatives under financial inclusion, which will reduce the dependency on informal source of financial services, particularly credit and to provide greater focus on vulnerable states / regions in providing access to financial services.

Institutional capacity for information generation and its effective use is a crucial factor in policy formulation, monitoring and its evaluation. This is an issue which would matter even for a small country like Brunei which having virtually eradicated deprivation in its multiple dimensions, seeks to sustain this achievement with a three-decade vision for knowledge based economy. In his report "*Statistical System in Brunei Darussalam: An Evaluation*" (Department of Economic Planning and Development, Prime Minister's Office, Bandar Seri Begawan ), M.H. Suryanarayana provides a description of the available information base, its relevance in tracking the MDG progress and evaluation and for policy choice and design.

Given the contemporary global emphasis on mid-term evaluation of the progress towards the Millennium Development Goals (MDGs), the study by M.H. Suryanarayana and S. Chandrasekhar, ("Deprivation: Profiles and Policy Imperatives," Chapter for *Economic Survey 2010-2011* of Government of Karnataka, 2011) reviews issues related to deprivation and inequality in consumption and education in rural and urban Karnataka. It reviews Karnataka's performance in reducing consumption deprivation in the rural and urban sectors and evaluates the findings in an integrated perspective with reference to education, skills and employability. The average age at time of enrolment is higher at 5.8 years in Inland Northern region compared to five years in Inland Eastern region. In terms of policies and interventions, data from the NSSO 64<sup>th</sup> Round (July 2007-June 2008) Survey on Participation and Expenditure in Education suggests that the government is indeed focusing on the Inland Northern region.

In the context of Eleventh Five Year Plan perspective on distributional dimension of changes in food security , M.H. Suryanarayana ("Food Security, Poverty and Health Status in India: An Outcome Evaluation Perspective,"





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in Somayajulu, U.V., C.P. Prakasam, N. Audinarayana and K.E.Vaidyanathan (eds.) *Health, Poverty and Human Development: Perspectives and Issues*, Global Research Publications, New Delhi, pp. 121-151, 2011) has examined the veracity of the Eleventh Five Year Plan assessment of and recommendation for food security in India. The study brings out that real consumption expenditure of all the decile groups, the bottom three decile groups in particular, increased since the mid-70s. With changes in infrastructure and technology, average energy requirements seem to have declined calling for reduced calorie intake. This could be one major reason for the observed trend decline in average calorie intake of the richer decile groups in rural and urban India. There is a need for revising downward the calorie norms consistent with the converging pattern of changes in calorie intake in across decile groups in rural and urban India. The case for such an approach is validated by the survey findings, which show that the percentage number of rural and urban households reporting adequate food consumption throughout the year has increased since 1983 and has reached almost 98 per cent. This would raise the question regarding an appropriate norm and strategy for food security.

In the light of growing concern with inequalities in India and the focus of the Government of India on inclusive growth, M.H. Suryanarayana ("Inequality-adjusted Human Development Index: States in India," paper prepared for the Planning Commission, jointly with Ankush Agrawal and Seeta Prabhu, 2011) adopts the methodology proposed in the *HDR 2010* to compute a HDI and the Inequality-adjusted HDI for the states in India. To facilitate cross-country comparison, the indices are normalized with reference to the goalposts mentioned in the *HDR 2010*. The findings demonstrate the need for a disaggregated analysis of the various dimensions contributing to the differences in human development attainments across the India states.

Rupayan Pal ("The Relative Impacts of Banking, Infrastructure and Labour on Industrial Growth: Evidence from Indian States," *Macroeconomics and Finance in Emerging Market Economies*, Vol. 4, No. 1, pp. 101-124, Routledge, 2011) analyses the impacts of outreach of banking services, infrastructure penetration, and labor market rigidity on growth of manufacturing industries across 14 major states in India in the post-liberalization period from 1991-92 to 2002-03. It documents that outreach of banking sector as well as infrastructure penetration has significant positive impact on growth of industries. Interestingly, the counteracting effect of labor market rigidity does not appear to be significant, if the effects of infrastructure and banking services are controlled for. This article also assesses the relative magnitudes of the impacts of these three institutional factors on industrial growth.

### Agriculture and Rural Development

Srijit Mishra ("Economic Reforms, Small Farmer Economy and Agrarian Crisis" by D. Narasinha Reddy and Srijit Mishra, 2010 in R. S. Deshpande and Saroj Arora (eds) *Agrarian Crisis and Farmers' Suicides*, Sage, 2010) pays attention to the 'agrarian crisis' with particular reference to small-marginal farmers and the associated resource and institutional constraints that have been on the rise since the initiation of economic reforms. The study discusses the growing marginalization and the constraints on small farms, the reforms in agriculture and their impact in a political economy framework, the nature and dimensions of farmers' indebtedness problem, the deterioration of the livelihood of small-marginal farmers, the nature and dimensions of farmers' suicides and ends with a proposition that institutions in the small-marginal farmer collectives give some hope.

The twin dimensions of the crisis – the agricultural and the agrarian has been studied



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by Srijit Mishra (with D. Narasimha Reddy) in 'Persistence of Crisis in Indian Agriculture: Need for Technological and Institutional Alternatives' (in Dilip M. Nachane (ed) *India Development Report 2011*, Oxford University Press). There is an increasing incidence of calorie poor among cultivators and agricultural laborers - the hands that produce food do not get adequate amounts to consume. There is a need to do away with input-intensive cultivation in favour of cost-reducing knowledge centric technology that builds on local resources and further strengthens the existing social capital. The latter is possible through structures that empower the farmers at the grassroots, and organize them into federations so that they can aggregate different things at different levels. These sentiments are further echoed in Srijit Mishra's 'Agrarian Crisis and Farmers' Suicides in India,' (paper presented at 'International seminar on Farmer Suicides,' Pondicherry University, Puducherry, February 10-11, 2011).

The intensive agriculture model introduced in India in the 1960s as part of the Green Revolution and the concomitant developments has brought in a package which included massive irrigation projects, new high yielding input responsive varieties and chemical fertilizers. Initially, it did increase production, argues Srijit Mishra (with Gopikishna SR in their '*Nutrient Based Subsidy (NBS) & Support Systems for Ecological Fertilization in Indian Agriculture*, Policy Brief, Greenpeace India, 2010). But now, the food production is stagnating and one has been observing diminishing returns and falling dividends, especially in the agriculture intensive areas of the country. Huge amount of subsidy allocation provided directly to the fertiliser industry has led to indiscriminate production and availability while neglecting the locally available knowledge on soil nutrient management.

In "Towards a New Agriculture in Maharashtra," (*MEDC Monthly Economic Digest*, 39 (5), 34-35,

2010) Srijit Mishra discusses the persistence of the grim scenario in Maharashtra's, particularly Western Vidarbha's agriculture. However, the study concludes by stating that there is an alternative and if the powers that be will, Maharashtra's *ksheti* and *kshetkari* can be taken to greater heights.

Analyzing labor migration from three South Asia countries, namely, Nepal, India and Bhutan, the study by Vijay Laxmi Pandey (with Krishna P. Pant, Dil B Rahut, "Effects of foreign employment on poverty, labour supply and agricultural growth in South Asia: a case study of Nepal, India and Bhutan," SANEI Working Paper Series No. 11-08, South Asia Network of Economic Research Institutes, Dhaka. March 2011) estimate econometrically the effects of foreign employment on poverty and agricultural production especially in the light of recent economic crisis. It also compares agricultural output elasticities of foreign employment and assesses the role of foreign employment on the relationships between growth, poverty and agricultural development. The results from the Nepalese case study show that migration decreases poverty and at the same time decreases agriculture production whereas the Indian case study shows that foreign employment helps in reducing poverty and also promotes agricultural growth. In Bhutan domestic migration is found to decrease poverty. The study has categorized the countries on the basis of the stages of labor migration and has made some suggestions for gaining from the foreign employment. The results will be useful for South Asian countries to devise sound policies on migration, poverty and agricultural development.

Sripad Motiram documents the crisis that Indian agriculture has been going through for several years now (with Vamsi Vakulabharanam "Political Economy of Agrarian Distress in India Since the 1990s," in Sanjay Ruparelia, Sanjay Reddy, John Harriss and Stuart Corbridge (eds.) *Understanding India's New Political Economy: A*



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Great Transformation? London: Routledge, 2011). Looking at both the growth and distribution of the rural sector, the authors argue that the state is failing in its duty to small farmers and other poorer agricultural households in India.

As part of the collaborative project (“Trade, Agricultural Policies and Structural Changes in India’s Agrifood System: Implications for National and Global Markets (TAPSIM) sponsored by European Commission) the study conducted by G. Mythili and Nitin Harak attempts at developing a recursive dynamic national computable general equilibrium (CGE) model for India. Based on the static model developed by Ganesh Kumar, the study developed a recursive dynamic blocks to find the impacts of alternative agricultural and trade policies on the output and prices of various sectors and income distributional impacts of households. The static model uses 2006-07 Social Accounting Matrix (SAM) to define the relations. The dynamic model covers the period 2009-10 to 2029-30 with blocks of five years frequency.

### Energy and Environment

Presently India is facing the twin challenge of energy universalization as well as emission reduction. As per International Energy Agency estimates India is projected to account for more than 14 per cent share of such emissions during 2005–2030, though India’s global incremental energy share is six per cent. The study by Sudhakara Reddy and Hippu Salk Kristle Nathan, (*Energy Policy*, forth coming) presents a sustainable development scenario by developing a mathematical model, which predicts future demand of different energy carriers by considering various macroeconomic and demographic, supply-side, and demand-side factors. A comparison with business as usual scenario shows a decline in growth rate of fossil fuels and increased share of nuclear and other renewable options, which leads to an average

annual energy saving of 129 MTOE in between 2010 to 2030 and reduction in energy-induced emissions. The paper estimates the infrastructure needs, and discusses investment options, financing mechanisms and the key policy issues.

Sudhakara Reddy attempts at addressing the issue of urban mobility and its impact on energy use and environmental implications by analyzing the transport system in 23 million plus cities in India by systematic comparisons (B.Sudhakara Reddy and P.Balachandra, *Transport Policy*, forthcoming), This study investigates the quantity of energy use for the period 1981–2005 and present empirical results obtained using national and urban data sets. It explores the underlying relationship among three dependent variables—energy intensity, type of mode and passenger km. Patterns of energy consumption and CO<sub>2</sub> emissions in private and public transport are examined. Policy recommendations are outlined to reduce urban transport energy use and greenhouse gases and provide suggestions to achieve sustainable urban mobility. The results are intended to assist the assessment of future road transportation demand and mobile-source emissions, in which the technical capabilities and data availability may vary considerably.

In another study, “Energy efficiency in cement industries,” Sudhakara Reddy [with Binay Kumar Ray and Balachandra, *Energy Economics* (submitted)] finds that significant variations exist in energy intensity across cement firms over time in India. These variations indicate the opportunities for increase in energy efficiency through the incorporation of efficient technologies, optimal use of raw material mix, management practices and optimization of processes. Modeling the variation of energy intensities across firms over time with the help of panel data this paper investigates the factors that affect intensity. The results show that energy intensity is correlated positively to clinker production and negatively to slag use.



## Research Activities

How does product differentiation as well as strategic managerial delegation affect optimal emission tax rate, environmental damage and social welfare, under alternative modes of product market competition? This has been examined by Rupayan Pal (“Delegation and Emission Tax in a Differentiated Oligopoly” *The Manchester School*, forthcoming, 2010, Wiley-Blackwell). The study shows that under pure profit maximization, the optimal emission tax rate is not necessarily decreasing in degree of product differentiation, irrespective of the mode of competition. It also shows that, under price (quantity) competition, the equilibrium emission tax rate, environmental damage and social welfare are lower (higher) in case of delegation than that in case of no delegation. In another study, Rupayan Pal (with R. N. Bhattacharya, “Environmental Standards as Strategic Outcomes: A Simple Model,” *Resource and Energy Economics*, Vol. 32, No. 3, pp. 408-420, 2010, Elsevier) analyzes the strategic nature of choice of environmental standards considering both local and global pollution under alternative regimes of international trade. The study shows that, in case of open economies, environmental standards can be either strategic substitutes or strategic complements. On the contrary, in case of closed economies, environmental standards are always strategic substitutes. It also shows that the strategic equilibrium environmental standards in case of open economies are higher than the world optimum in certain situations. In the absence of international trade, countries set, in equilibrium, lower environmental standards than the world optimum.

Considering a differentiated products mixed duopoly, Rupayan Pal (with Bibhas Saha “Does partial privatization improve the environment?,” IGIDR-WP-2010-018) demonstrates that environmental damage is non-monotone in level of privatization. It shows that, though partial privatization is socially optimal, social welfare maximizing level of privatization may damage

the environment most. It also shows that, if the government ignores environmental damage due to production, the equilibrium level of privatization would be lower than socially optimal level of privatization.

Rupayan Pal (with Bibhas Saha “Mixed Duopoly and Environment”, IGIDR-WP-2011-005, 2011) shows that under general demand and cost conditions in a mixed duopoly with pollution the government can (and will) implement the socially optimal outputs and abatements by a tax-subsidy scheme and keeping the public firm fully public. The scheme requires taxing outputs and subsidizing abatements at different rates, unlike a pollution tax. The result contradicts some of the recent claims that social optimum is not implementable and privatization is necessary.

Urban transportation is growing as one of the major GHG contributors in the world. An alarming fact is that the growth of this sector is much rapid in Asian Cities and under business as usual scenario, this sector has the potential to contribute to Climate Change significantly. In an interesting study, Sudhakar Yedla, (“Climate Change Mitigation Initiatives in Urban Transportation – Strategies to Promote Non-Motorized Modes of Transportation,” evaluates Climate Change and Development, Published by Global Environment Facility (GEF) Evaluation Office, The World Bank, Washington, D.C., 2010) identifies certain barriers for the promotion of Non-Motorized Modes of Transportation (NMT) in Mumbai, by means of multi-stakeholder participation. Through multi-stakeholder participation and multi-criteria analysis, the study further develops various policy measures to promote NMT and prioritize them. Through careful examination of various policy alternatives, their ranking, characteristics of Mumbai transport system, experiences from the other similar cities, and social conditions of Mumbai, the present study recommends a set of short and long term measures to promote NMT in Mumbai.



## Research Activities

Dhaka's community-based decentralized composting (DCDC) is a successful demonstration of solid waste management by adopting low-cost technology, local resources community participation and partnerships among the various actors involved. In this context, Sudhakar Yedla attempts to understand the model, necessary conditions, strategies and their priorities to replicate DCDC in the other developing cities of Asia. ("Decision Making in Environmental Management - Prioritization of Strategies for the Replication of Dhaka's Community-based Decentralized Composting Model using AHP", Waste Management Research, first published on August 10, 2010 as doi:10.1177/0734242x10380116). Thirteen strategies required for its replication are identified and assessed based on various criteria, namely transferability, longevity, economic viability, adaptation and also overall replication. Based on the analysis, measures to ensure the product quality control; partnership among stakeholders (public-private-community); strategies to achieve better involvement of the private sector in solid waste management (entrepreneurship in approach); simple and low-cost technology; and strategies to provide an effective interface among the complementing sectors are identified as important strategies for its replication.

Prioritizing the alternative options for energy efficient and less polluting transport system in Delhi, the paper by Sudhakar Yedla [with Ram M. Shrestha, "Application of Analytic Hierarchy Process to the Prioritization of Transport Options – Comparative Analysis of Group Aggregation Methods" International Journal of Environmental Policy and Decision making, Inderscience Publishers, (in press)] presents a comparative analysis of different group aggregation methods adopted in analytic hierarchy process by testing them against social choice axioms with a case study of Delhi transport system. It has been observed that among all group aggregation

methods, geometric mean method, the most widely adopted group aggregation method of analytic hierarchy process, shows poor performance and fails to satisfy the most popular 'Pareto optimality and non-dictatorship axiom' raising questions on its validity as group aggregation method. Further, the weighted arithmetic mean methods with equal weights aggregates individual priorities better compared to arithmetic mean method with varying weights. Arithmetic mean of the priorities by individual members of the group shows minimum deviation from the group consensus making it most suitable and simple methods of aggregation.

In another study, Sudhakar Yedla (with Krishna Chaitanya T., "Adsorption of Hexa-valent Chromium Using Treated Wood Charcoal – Elucidation of Rate-limiting Process", *Environmental Technology*, UK, Vol. 31 No (14) pp:1495-1505, 2010) focuses on development of low cost methods of water treatment for rural application. Locally available wood charcoal used as an adsorbent to remove Cr (VI) from water is found to be giving poor removal efficiency whereby only 19 per cent of Cr (VI) has been removed. Considering the fact that wood charcoal possesses a honeycomb structure, treatment with concentrated hydrochloric acid has improved the removal efficiency of wood charcoal to 94 per cent. The process limiting the rate of adsorption (rate limiting step) is analyzed using the kinetic data as well as using various systemic parameters such as initial Cr (VI) concentration, adsorbent size, and agitation speed is finally confirmed by the multiple interruption tests. It is concluded that the adsorption process is controlled by film diffusion and the removal capacity is good enough to make it economically viable method of water treatment.

Vinod K. Sharma, as an expert work group (WG) member for an elaborate research conducted in several countries by the AIST, Japan and the ERIA, Indonesia, supervises and suggests



## Research Activities

investigations on various aspects of “Sustainable Biomass Utilization in East Asia,” including India. The WG highlights various crucial issues and suggests some necessary steps, which could be useful for achieving sustainable biomass utilization in the production and consumption of bioenergy in the EA region. The WG gives policy recommendations for the Energy Ministers’ of the EA countries including India.

The hypothesis underlying the Environmental Kuznets curve (EKC) that the environmental pressure tends to rise faster than income growth in the early stages of economic development, and then declines with further economic growth, has been tested empirically by G. Mythili and Shibashis Mukherjee (“Examining Environmental Kuznets Curve for River Effluents in India”, *Environment, Development and Sustainability*: Springer, Volume 13, No. 3, 2011) with reference to river effluents using the data for India from 1990-91 to 2005-06. This study shows why the conventional EKC model is not sufficient to ascertain the declining path of pollution as the economy grows in the second stage. The results indicate ‘tilted-S shaped’ relationship which contradicts EKC in the early stages. Most of the regions studied have crossed the first turning point but are still to cross the second turning point which means that there will be an ascent in the pollution level in the future. This calls for more stringent environment policies complementing the desired growth path.

## Industrial Organization

The paper by Rupayan Pal (“Technology Adoption in a Differentiated Duopoly: Cournot versus Bertrand,” *Research in Economics*, forthcoming in Vol. 64, No. 2, pp. 128-136, Elsevier, 2010) shows that the cost as well as the effectiveness of technology has a differential impact on technology adoption under two alternative modes of competition. If the cost of the technology is high, Bertrand competition

provides a stronger incentive to adopt technology than Cournot competition unless the effectiveness of the technology is very low. On the contrary, if the cost of the technology is low, Cournot competition fares better than Bertrand competition in terms of technology adoption by firms. This demonstrates that the commonly subscribed assumption of ‘positive primary outputs’ restricts (inflates) the scope of higher degree of technology adoption under Bertrand (Cournot) competition. Moreover, in contrast to standard welfare ranking, it shows that Cournot competition leads to higher social welfare than Bertrand competition under certain situations.

By investigating the impact of group incentives on firms’ performance, the study by Rupayan pal (with Kshitija Dixit, “The Impact of Group Incentives on Performance of Small Firms: Hausman-Taylor Estimates,” *Managerial and Decision Economics*, Vol 31, No. 6, pp. 403-414, Wiley-Blackwell, 2010) shows that group incentive raises firms’ performance. This result empirically validates the implication of the theoretical literature that performance-related pay can potentially improve firms’ performance, in the context of a developing country, and indicates the importance of group incentives in small firms. It also shows that partnership firms perform better than private limited companies and labor unions have a negative impact on firms’ performance. It employs the Hausman–Taylor random effects estimator in order to isolate the effects of time-invariant covariates and also to tackle potential endogeneity problem.

In another paper, Rupayan Pal (“How Much Should You Own? Cross-Ownership and Privatization,” IGIDR-WP-2010-015, 2010), examines the interdependence of cross-ownership and level of privatization in case of differentiated products mixed duopoly. The paper shows that it is optimal for the private firm not to own any (own the entire) portion of the privatized share of its rival firm, if the level of privatization



## Research Activities

is very low (very high). In equilibrium, the government makes sure that cross-ownership is not attracted. However, in most of the situations, the possibility of cross-ownership adversely affects the prospect of privatization. Results of this paper have strong implications to antitrust regulations and divestment policies.

### Finance

Susan Thomas (with Nidhi Aggarwal, “Liquidity matters in price discovery”) studies the price discovery process between the single stock futures and the underlying markets in India, and finds that price discovery takes place in the most liquid market, independent of the presence of leverage. Thus, when the derivative market is also the more liquid market, the derivative market drives price discovery; whereas, if the underlying market is more liquid, then it dominates price discovery. This research highlights the importance of liquidity in price discovery, and emphasizes that development of markets must focus on making design choices which enhances liquidity of the market. In another paper, Susan Thomas (with Rohini Grover, “Liquidity considerations in estimating implied volatility”) proposes alternative schemes to estimate implied volatility while reducing the importance attached to illiquid options. Using data for index options traded at the National Stock Exchange in India, it has been found that the performance of a liquidity weighted scheme is superior to that of more conventional schemes such as the vega weights, the volatility elasticity weights and the traditional VXO. Analyzing the impact of short sales constraints on securities market liquidity, Susan Thomas (with Rajat Tayal) develops a measure of liquidity which captures how the liquidity varies across different transaction sizes and different times of the day for all traded securities. It has been found that the liquidity of the market worsens exponentially as the trade size increases. Further, the drop off of liquidity is worse on the buy-side of the market, compared

to the sell-side. This suggests that large sized sales tend to be done at a higher premium compared to smaller sized buys.

Susan Thomas (with Ekta Selarka: “An index to measure securities market liquidity”) poses two questions: Does pre-trade liquidity (measured by the impact cost in the limit order book) predict post-trade liquidity perfectly? Can changes in pre-trade liquidity, which can be observed by all traders in the electronic LOB markets in India, predict changes in post-trade liquidity? How can we combine these different measures of liquidity into an index that measures liquidity at the level of the security as well as the level of the market. In the study, alternative “index” candidates are compared by examining their sensitivity to changes in the market which are exogenously identified as periods of known changes in liquidity. The paper “Methods for more capital efficient margining at the securities market clearing corporations,” by Susan Thomas (with Renuka Sane and Manish Singh) attempts to examine if correlations between stocks can be used to design more capital efficient margins which do not compromise on protection. The paper finds that gross margins are about 1.5 times the portfolio margins on an average. The portfolio-based margining system does well in stable periods. However, in times of crisis such as the financial crisis of 2008, it is not able to provide protection, while the gross-based margin does. The paper thus sets the framework for studying more robust models that can perform well even in crisis periods, such as multivariate GARCH and Copula methods.

During the Global Financial Crisis, the global Over-The-Counter markets were severely criticized for not having the liquidity to support credible prices for the securities they traded. The exchange traded markets, on the other hand, were held up as far better market mechanisms for price discovery and liquidity access. However, this complacency vanished with the Flash Crash



## Research Activities

of 6<sup>th</sup> May, when the market underwent a liquidity crisis resulting in extreme price drop, and then a full correction, all within a very short period of time. The political system and the regulatory system then brought the same intense scrutiny to the participants and the processes on the exchange traded platform, making significant changes to the market microstructure. In the paper on “What can we learn about the U. S. Flash Crash of 6<sup>th</sup> May, 2010?” Susan Thomas (with J. R. Varma) examines the possibility of a similar situation of a liquidity crisis taking place in the Indian equities market, and what the regulatory response ought to be. The paper concludes that while the equity market structure in India is far less fragmented compared to the U.S. Markets, there is a need to continually improve the transparency and the access to the markets, to ensure a higher probability of continuous liquidity.

## Corporate Governance

A striking characteristic of business groups in emerging economies is their diversification across disparate industries despite the well known costs of diversification. Based on a study of diversified business groups in India, Jayati Sarkar (with Raja Kali, “Diversification and Tunneling: Evidence from Indian Business Groups” *Journal of Comparative Economics*, forthcoming) provides evidence suggesting an important, yet largely unexplored motive for the diversified structure of emerging economy business groups is to facilitate expropriation of minority shareholders by controlling shareholders through tunneling. To establish the link between diversification and tunneling, the study conducts two sets of empirical analyses on a sample of 2128 Indian group-affiliated firms for four consecutive years, 2002 to 2006. Defining the core firm of a group as the one with the largest asset base in the group, the study finds that after controlling for other important motives for diversification, the relatedness of the activity of a group affiliate to

the activity of the core firm is correlated to the wedge between control and cash flow rights of insiders as well as to the opacity in insider ownership. Firms with ownership-control wedge lower, and ownership opacity higher relative to a group’s core firm are found to be more likely to be in activities unrelated to that of the core firm. The findings are strengthened by the evidence of tunneling that we find in the same direction, from affiliates with wedge equal to or higher than that of the core firm to affiliates with wedge lower than that of the core firm. Taken together, this suggests an expropriation motive for diversification in Indian business groups: affiliate firms are located away from a business group’s core firm to serve as destination points for funds tunneled from the group’s core.

In the study “Abstract of Business Groups in India, Jayati Sarkar (Business groups in India. In: Colpan, Asli M., Hikino, Takashi, Lincoln, James R. (Eds.), *The Oxford Handbook of Business Groups*. Oxford University Press, 2010) examines the evolution of family business groups in India. It focuses on the dynamics underlying the persistence and resilience of Indian groups as a dominant organizational form, notwithstanding significant changes in the institutional environment, starting from the colonial years under British rule to the post-independence years of private sector regulation, and finally to the increasingly liberalized environment since the nineties. In this context, the study analyzes the organizational structure, diversification strategies, competitive capabilities, and governance and performance of Indian groups. The basic conclusion is that the evolution of Indian groups has elements of both continuity and change. The continuity, despite periodic structural shifts in the policy and institutional environment, has been preserved in terms of group dominance in corporate sector activity, in the spirit of entrepreneurship, the persistence of concentrated ownership and control, the extent of managerial integration, and in the extent of group diversification. Elements of change in the evolution





## Research Activities

are apparent from the turnover among groups in terms of their relative importance in the group hierarchy, indicating considerable heterogeneity in group responses to a dynamic environment.

### Labor Economics

Rupayan Pal (“Impact of Communist Parties on the Individual Decision to Join Trade Union: Evidence from India,” *The Developing Economies*, Vol. 48, No. 4, pp. 496-528, Wiley-Blackwell, 2010) analyzes the impact on individual decisions to unionize of several factors: the reach of communist parties, the degree of political activism, personal attributes of workers, and industrial characteristics. The workers examined are Indian nonagricultural regular workers, using micro-data from the 2004–5 Employment and Unemployment Survey conducted by the National Sample Survey Organization, linked to state-level factors. A notable result is that the reach of Communist parties has considerable effect on unionization probability. Moreover, it seems that the mere existence of communist parties in a state also facilitates unionization to some extent. State-level political activism and unemployment rate also influence the individual decision to join a union. The paper also concludes that a worker’s gender, marital status, ethnic background, employment status, experience, occupation, sector of employment, establishment size, and type of industry remain important in the determination of union membership. In another paper, Rupayan Pal (with Bibhas Saha “Entry Threats and Inefficiency in ‘Efficient Bargaining,” IGIDR-WP-2010-016, 2010) examines whether the outcome of bargaining over wage and employment between an incumbent firm and a union remains efficient under entry threat. The workers’ reservation wage is not known to the entrant, and entry is profitable only against the high reservation wage. The entrant observes the pre-entry price, but not necessarily the wage agreements. When wage is not observed,

contracts feature over-employment. Under separating equilibrium the low type is over-employed, and under pooling equilibrium the high type is over-employed. But when wage is observed, pooling equilibrium may not always exist, and separating equilibrium does not involve any inefficiency.

### International Trade

C. Veeramani (with Gordhan Kumar Saini, “Impact of ASEAN-India Preferential Trade Agreement on Plantation Commodities: A Simulation Analysis” *Economic and Political Weekly*, Vol XLVI, No. 10, March 5, 2011) analyses the impact of recently signed ASEAN-India preferential trade agreement (AIPTA) on plantation commodities - coffee, tea and pepper. The likely increase of imports into India has been simulated using the SMART model (developed jointly by UNCTAD and World Bank) and gravity model. The analysis shows that the agreement may cause a significant increase in India’s imports of plantation commodities from the ASEAN countries. The increase in imports is mostly driven by trade creation rather than trade diversion. Trade creation improves welfare as the new imports replace the high-cost domestic production. The proposed tariff reduction may lead to some loss of tariff revenue to the government. However, the gains in consumer surplus (due to the fall in domestic price and the consequent reduction in dead-weight loss) outweigh the loss in tariff revenue leading to net welfare gain. During the years to come, the plantation sector will have to realign the production structure according to the changing price signals. It is important to devise appropriate adjustment assistance schemes for planters as well as for plantation workers who might be displaced.

Trade liberalization is expected to bring about an improvement in the sophistication level of a country’s export basket. Using highly



## Research Activities

disaggregated trade data, C. Veeramani (with Gordhan K Saini “India’s Export Sophistication in a Comparative Perspective, ” in D M Nachane (ed.) *India Development Report 2010*, Oxford University Press, New Delhi (forthcoming) attempts to analyze the relative sophistication of India’s exports of manufactures during the pre and post-liberalization periods. Export sophistication is analyzed in terms of two different dimensions – across product sophistication and within product sophistication. The analysis confirms a growing similarity of India’s export bundle with that of the high-

income OECD. While China shows a higher level of sophistication than India in the across product dimension, India ranks above China with respect to sophistication in the within product dimension. It is evident that India’s export unit values are distinctly higher than those of China. It has been argued that India’s higher export unit values compared to those of China is a reflection of distortionary policies in India that encourage specialization in capital and skill intensive varieties/process at the cost of unskilled labor intensive activities where the country holds its true comparative advantage.



## Projects

### Externally Funded Research Projects at IGDR

Project Name	Funding Organisation
Strengthening State Plan for Human Development (SSPHD)	United Nations Development Program
A Study on Monetary History of India: 1900-1950	Reserve Bank of India
Modelling Work for Eleventh Plan and Beyond	Planning Commission, Government of India
Trade Agricultural Policies and Structural Changes in India's Agrifood System : Implications for National and Global Markets (TAPSIM)	Land Bouw – Economich Institute
Quantitative Approaches to Public Policy	Reserve Bank of India
Study on Evaluation of Impact of Coal Mining	Singareni Collieries Co. Ltd.
Effects of Foreign Employment on Poverty Labor Supply & Agricultural Growth in South Asia	South Asian Network of Economic Research Institutes
Thermal Powertech Corpn. (India) Ltd.	Thermal Powertech Corpn., Hyderabad
Law & Economics	European Union
Financial Sector Regulatory Reforms in India	British High Commission
Comprehensive Study of Impacts of Investment on Watershed	National Institute of Rural Development



## Teaching

Courses	Faculty
<b>August-December 2010 (Core Courses)</b>	
1. Microeconomics I	- Sripad Motiram
2. Macroeconomics I	- Rajendra Vaidya
3. Econometrics I	- M.H. Suryanarayana
4. Mathematics for Economists	- G. Mythili
5. Energy and Environment I	- B. Sudhakara Reddy & Sudhakar Yedla
6. Indian Economy	- R. Nagaraj
<b>August-December 2010 (Optional Courses)</b>	
1. Introduction to Financial Economics	- Susan Thomas
2. Time Series Analysis - I	- R. Krishnan
3. Theories of Prices and Income Distribution	- Ajit Sinha
4. Industrial Organization	- Shubhro Sarkar
<b>January-May 2011 (Core Courses)</b>	
1. Microeconomics II	- P.G. Babu
2. Macroeconomics II	- Naveen Srinivasan
3. Econometrics II	- S. Chandrasekhar
4. Development Economics	- K.V. Ramaswamy
6.. Public Economics	- Shubhro Sarkar & Bodhisattva Sengupta
<b>January-May 2011 (Optional Courses)</b>	
1. Topics in International Economics & Finance	- Ashima Goyal
2. Contemporary Issues in Human Development and Policy	- Srijit Mishra
3. Measurement of risk in securities markets	- Susan Thomas
4. Applied International Trade	- C. Veeramani
5. Time Series Analysis-II	- R. Krishnan
6. Energy and Environment II	- B. Sudhakara Reddy & Sudhakar Yedla

Research Methodology is a core course for M.Phil. / Ph.D. program coordinated by Srijit Mishra from August – December 2010 and by Sripad Motiram from January-May 2011.



## Seminars / Workshops / Conferences at IGIDR

- 24.4.2010 Two lectures on the legal framework of the Indian securities market
- 26.6.2010 Penultimate meeting of the Drafting committee for the Task Force
- 11.8.2010 IGIDR and The Singareni Coal Company Ltd. (SCCL) held a one day workshop on "Evaluation of the Impact of Coal Mining: A Socio-economic-environmental Study"
- 26-27.10.2010 Conference to honor our founder Director, Dr. Kirit Parikh, on the occasion of his 75<sup>th</sup> Birthday
- 6-10.12.2010 IGIDR and University of Hamburg jointly organized a one week training workshop on Law and Economics. Two short courses were given by: Prof. Patrick Leyens on "Comparative Law and Economics" Prof. Thomas Eger on "Competition policy"
- 16.10.2010 Extreme Value Theory and how we can use it for financial risk management by Mandira Sarma, Center for international trade and development, JNU(Supported by IGIDR)
- 12-13.11.2010 R/Rmetrics Workshop: An introduction to basics in finance'. Supported by Neuraltech Soft
- 10-21.1.2011 Training Program on Econometrics Theory and Applications for Indian Economic Service Officers conducted by Indian Econometric Society
- 17.1.2011. 8th Convocation of the Institute. Professor T.C.A. Anant, Secretary and Chief Statistician of India, Ministry of Statistics and Programme Implementation, delivered the Convocation Address
- 17-20.1.2011 National workshop on Digital Objects and Metadata: Preservation, Harvesting and Migration
- 18.2.2011 Round table on "Household Data"
- 25-26.2.2011 The Thirteenth Conference on Money and Finance in the Indian Economy. Keynote address delivered by Prof. Adam Posen, External Member, Monetary Policy Committee, Bank of England titled "Democracies, Real Wage Growth and Global Imbalances"
- 24-26.3.2011 Workshop on R/Rmetrics in collaboration with Neuraltech Soft organized at IGIDR under the project "Financial Sector Regulatory Reform in India"



## Faculty Activities

### Participation in Seminars/Workshops/Conferences

#### Babu P.G.

Member, Organizing Committee for Prof Kirit S. Parikh's 75<sup>th</sup> Birthday, Honour Conference at IGIDR, October 26-27, 2010

Organized IGIDR-University of Hamburg Joint Training Workshop in Law and Economics, IGIDR, December 6-10, 2010

#### Chandrasekhar S.

"A Profile of the Divorced and Separated in India," (with Anuja Jayaraman) Workshop on Marital Dissolution in Asia, Asia Research Institute, National University of Singapore, May 6 - 7, 2010.

"Education for All in India: Issues, Policies and Imperatives," (with M.H. Suryanarayana), Paper prepared for National Seminar on: Indian Economy in Transition: Prospects, Issues and Concerns in Honour of Prof. C.T. Kurien at Madras Institute of Development Studies, February 10-11, 2011

#### Goyal Ashima

Presented a paper "Future of Indian Financial Liberalization" presented at "Opportunities for Global Partnership between India and Japan - Infrastructure, the Environment, and Finance" jointly organized by ICRIER and Japan Bank of International Cooperation (JBIC) and Toshiba International Foundation September 13-14, 2010

Presented a paper "Future of Financial Liberalization," Prof. Kirit Shantilal Parikh 75<sup>th</sup> Birthday Honor Conference, Indira Gandhi Institute of Development Research (IGIDR), Mumbai, October 26, 2010

Presented a paper "India's fiscal and monetary framework: growth in an opening economy" presented at the 4th ICRIER - InWEnt - DIE Annual Conference: "Policies for Growth and Financial Stability beyond the Crisis – The Scope for Global Cooperation", Mumbai October 27-28, 2010

Presented a paper "The Indian Exchange Rate and Central Bank Action: A GARCH Analysis" (co author) at the International Conference on Financial Sector Reforms and the Indian Economy organized by Indian Institute of Management Kozhikode (IIMK) in association with British Northern Universities India Forum (BNUIF) held at Indian Institute of Management Kozhikode (IIMK), November 11-13, 2010.

Presented a paper "Inclusive Finance Under Globalization" at conference on "Economic Policy for Inclusive Development", organized by the Ministry of Finance and The National Institute of Public Finance and Policy (NIPFP), November 30- December 1, 2010

Presented a paper on "Inflationary Pressures in South Asia," Expert Group Meetings on Emerging Issues and Challenges and Economic and Social Performance in the ESCAP Region, Bangkok, December 8-9, 2010

Presented a paper on "New Keynesian Aggregate Supply in the Tropics: Food Prices, Wages and Inflation" (co author), 13<sup>th</sup> Annual Conference on Money and Finance in the Indian Economy, February 25-26, 2011



## Faculty Activities

Presented a paper on “Inflation and the aged: Prospects and design of protection’, Conference on “Policy Research and Data Needs to Meet the Challenges and Opportunities of Population Aging in Asia” at INSA, New Delhi., March 13-14, 2011

Presentation at IEO-IMF- Pondicherry University Workshop on “International Reserve Accretion in Emerging Countries,” Pondicherry, March 28, 2011

Panel member in session ‘India on the growth turnpike,’ at the 23<sup>rd</sup> Skoch Summit, The India Decade, June 17, 2010

CAPAM 2010- FICCI’s 7th Annual Capital Markets Conference: Panelist in session: ‘Capital Markets going beyond equities: Other Instruments and Products,’ April 20, 2010

Symposium on India – The Next Decade to be held in Mumbai, MEDC and Indian Liberal Group ( Panelist for session on The Indian Economy: Policy Reforms needed for inclusive & sustainable growth, Oct 9, 2010)

Panel member in ‘Bimal Jalan Committee Report,’ IMC, December 27, 2010

Panelist for the 47<sup>th</sup> Annual Conference of the Indian Econometric Society, held at Devi Ahalya University, Indore. Topic of discussion “What financial system designs can accelerate inclusion?,” January 6-8, 2011

Panelist at the Future of Financial Markets (FOFM™) 2011 Leadership Summit at Mumbai. Topic of discussion ‘Indian Commodity Market Reforms,’ January 20-22, 2011

Panel of Board of India Today Economists (BITE). Topic of discussion ‘The present state of the economy, specifically the continued inflation and the slowdown in industrial growth,’ February 10, 2011

Panelist at IEO-IMF- Pondicherry University Workshop Topic of discussion ‘Reserve Management: Issues and Policy Options,’ March 28, 2011

Discussant/Chairperson for Papers:

Prof. Kirit Shantilal Parikh 75<sup>th</sup> Birthday Honor Conference Indira Gandhi Institute of Development Research (IGIDR), Mumbai October 26-27, 2010- Chaired a session on Macro, Finance and Fiscal Policy, October 26, 2010

4th ICRIER - InWEnt - DIE Annual Conference: “Policies for Growth and Financial Stability beyond the Crisis – The Scope for Global Cooperation” on October 27 – 28 2010 in Mumbai. Chaired a session on ‘Capital account management in emerging market economies’ on October 27, 2010

Second Research Conference on Empirical issues in International Trade and Finance organized by The Indian Institute of Foreign Trade (IIFT) at the New Delhi Campus of the Institute. Chaired a session on open economy macroeconomics and also was chair for Professor Richard Baldwin’s invited lecture, December 16-17, 2010

Main discussant in ICRIER’s Seminar, Japanese Firms in the Indian Financial Sector: Trends and Prospects, Mumbai. Topic of discussion ‘Financial Liberalization in India: Trends and Prospects,’ February 23, 2011



## Faculty Activities

Discussant and external expert in a Workshop for Global Research Project - Varieties of Governance: Effective Public Service Delivery, organized by GDN, New Delhi, March 13, 2011

### Mahendra Dev S.

Participated in the Brainstorming workshop on “Emerging Economies Research Dialogue” ICRIER, New Delhi, March 21, 2011

Presented a paper on “Social Protection on India” in the 3<sup>rd</sup> meeting of UNESCO-MSS Forum of Ministers on Social Protection Policies in South Asia, held in Colombo, Sri Lanka, February 20-22, 2011

Presented a paper on “Agriculture and Nutrition” in the IFPRI 2020 conference on “Leveraging Agriculture for Improving Nutrition and Health” held in New Delhi, February 10-12, 2011

Chaired a session in the International conference on “Combating Poverty in a Market Driven World” organized by Creative Handicrafts, Mumbai, February 7-8, 2011

Presented a paper in the international workshop on “Inclusive Growth: what is it and what does it take?” held in Rio de Janeiro, Brazil, organized by International Policy Centre for Inclusive Growth (IPC-IG) and the United Nations Development Program, December 8-10, 2010

Participated in the plenary panel session at the conference on “Economic Policy for Inclusive Development” organized jointly by Ministry of Finance and National Institute of Public Finance and Policy, in New Delhi, November 30, 2010 and December 1, 2010

Organized Prof. Kirit Shantilal Parikh 75<sup>th</sup> Birthday Honor Conference at Indira Gandhi Institute of Development Research (IGIDR), Mumbai, October 26-27, 2010

Participated in the stakeholder consultation on “Tackling the Agriculture-Nutrition Disconnect in India” at the National Academy of Agricultural Sciences (NAAS), CG Block, NASC Complex, Pusa, New Delhi, September 28, 2010

Paper presented on “Small Farmers and food Security in India” at the conference on “Food Security and the Future of Farms 2020 and towards 2050” at Falkenberg, Sweden, organized by Bertebos Foundation and Royal Swedish Academy of Agriculture and Forestry, August 29-31, 2010

Chaired a session on ‘Safety Nets and the Poor’ at the IFPRI-ADB workshop on “Policies for Ensuring Food Security in South and Southeast Asia,” New Delhi, August 26, 2010.

Gave a presentation on “Agricultural Price Formulation in India” to the Planning Commission, August 12, 2010

Delivered a lecture on “Rural Economy (Bharat): Challenges and Needed Reforms,” at the symposium on “India – The Next Decade” organized by Indian Liberal Group, October 8-9, 2010

### Mishra Srijit

Participated in a one-day round table to discuss ‘Support Systems for Ecological fertilization in Indian Agriculture’ at YWCA, New Delhi by Greenpeace India, April 3, 2010





## Faculty Activities

Drafting committee meeting of the Task Force, Mumbai, April 16, 20, May 12-14, 24-26, 31, , June 2, 9-11, 21, 23-24 , 26 and 28 (all in 2010)

Presented a paper: 'Persistence of Agrarian Crisis: Some Implications,' National Seminar on MGNREGA and Agrarian Crisis, Mumbai, Mumbai University, April 28, 2010

Third meeting of Task Force, New Delhi, NABARD, May 19, 2010

State level consultative meeting of Task Force in Tripura, Agartala, NABARD, May 20, 2010

Field visit and state level consultative meeting of Task Force in Assam, Guwahati, NABARD, May 21, 2010

Field visit and state level consultative meeting of Task Force in Nagaland, Dimapur, NABARD,

May 24, 2010. Field visit and state level consultative meeting of Task Force in Meghalaya, Shillong, NABARD, May 22, 2010

Concepts and measures of Poverty, Lecture to international participants of Short-term training program on 'Population and Development,' Mumbai, IIPS, June 23, 2010

Discussant at a workshop on 'Role of Religion and State in Reforms,' organized in Mumbai by Centre for Study of Society and Secularism at Indian Institute of Culture, June 25, 2010

Penultimate meeting of the Drafting committee for the Task Force, organized at IGIDR, June 26, 2010

Rural India: Crisis and Opportunities, Presentation at a conference on Rural Resurgence, Mumbai, ENAM Securities, July 8, 2010

First meeting of Committee on Unorganized Sector, National Statistical Commission, Sardar Patel Bhavan, New Delhi, September 16, 2010

Presented 'Agri-chemicals – Will we starve without these?' at National Conference on 'Revisiting Food Security,' organized by Alliance for Sustainable and Holistic Agriculture, India and Centre for Sustainable Agriculture, Hyderabad, at India International Centre (Annex), New Delhi, September 22-23, 2010

Participated in discussion and gave concluding remarks at a workshop on 'Prospects and Challenges of the Ayodhya Verdict for the Nation' jointly organized by Centre for the Study of Society and Secularism, Mumbai and Indian Institute of Culture (IIC), Mumbai at IIC, Mumbai, October 23, 2010

Participated in a workshop to develop the guidelines for 'Mahila Kisan Sashaktikaran Pariyojana', National Rural Livelihood Mission, Government of India at National Institute of Rural Development, Hyderabad, November 1-2, 2010

Presented 'Access to Land: Some Issues' at the National Seminar on Land Policies for Accelerated and Balanced Rural Growth, Council for Social Development, New Delhi and Rural Development Institute, New Delhi at India International Centre, New Delhi, November 9-10, 2010

Designed and conducted a session on 'Measurement of Development' for a course on 'Development and Transformation: Perspectives and Practice, at Pradan's office, Sukhtawa village, Kesla, Hosangabad, Madhya Pradesh, November 15, 2010



## Faculty Activities

Presented a paper 'Crisis in Indian Agriculture: Need for Technological and Institutional Innovations' at a Seminar on 'Agricultural Stagnation in India' Department of Analytical and Applied Economics, Utkal University, Bhubaneswar, November 20, 2010

Gave two lectures: 'Crisis in Indian Agriculture: Markets versus People' and 'Public Health in India' to international participants of a workshop on 'Peace and Conflict Resolution' St.Pius Campus, by Centre for Study of Society and Secularism, November 23, 2010

Participated and was discussant at a workshop on Living Soils, Greenpeace India, New Delhi, December 13, 2011

Presented a paper 'Agrarian Crisis and Farmers' Suicides in India,' at 'International seminar on Farmer Suicides,' Pondicherry University, Puducherry, February 10-11, 2011

Pre-appraisal of proposal with state recommendation under Mahila Kisan Sashaktikaran Pariyojana, National Institute of Rural Development Hyderabad, February 16, 2011

Co-authored a paper 'Banking Outreach and Household level Access: Analyzing Financial Inclusion in India', presented at '13th Annual Conference on Money and Finance in the Indian Economy,' Indira Gandhi Institute of Development Research, Mumbai, 25-26 February 2011

Field visit: To Jalgaon with regard to 'Watershed Project from NIRD,' met PD, DRDA and visited a watershed area in a village two / three kilometers away from a navigable road, March 28-29 , 2011

### Motiram Sripad

Presented the paper "Governance, Efficiency and the Firm: A Theoretical Analysis," at the 6th Annual Conference on Economic Growth and Development, ISI Delhi, December, 2010

Presented a paper "Demand or Supply for Schooling in Rural India?" (joint with Lars Osberg) at the 7th Annual Conference on Models and Methods in Economics, ISI Kolkata, February 2011

Chairperson for the session titled "Industrial Organization I" at the 6th Annual Conference on Economic Growth and Development, ISI Delhi, December, 2010

### Mythili G.

Presented a paper "Are there Regional Variation in the Farmers' Adaptation to Climate Change" at the 11<sup>th</sup> Biennial Conference of the International Society of Ecological Economics (ISEE) , held at Bremen, Oldenburg, Germany from August 22-25, 2010

Chairperson for a Session- Topic: "Climate Change: Water, Fishery, Agriculture and Forest" at ISEE , Bremen, Oldenburg, Germany from August 22-25, 2010

Presented a paper "National Dynamic Recursive CGE Model for India" (with Nitin Harak) at the 5<sup>th</sup> Review Meeting of the TAPSIM Project at IFPRI, New Delhi, January 17-19, 2011



## Faculty Activities

### Nachane D.M.

Sixth C.N.Vakil Memorial Lecture, Veer Narmad University of South Gujarat, “Global Crisis and The New Global Financial Order,” February 23, 2011

Keynote Address on The Occasion of World Statistics Day, Bureau of Economics & Statistics, Government of Maharashtra, “Historical Origins of Modern Statistics,” October 20, 2010

Special Lecture for Senior IAS Officers, Tata Institute of Social Sciences, “Current Financial Crisis : Some Implications for India,” January 10, 2011

### Nagaraj R.

Delivered four lectures on “Indian Economy” at the University of Hyderabad, April 2010

Presented a paper, “How India Responded to the Financial Crisis”, at the high-level workshop on “Strengthening the Response to the Global Financial Crisis in Asia-Pacific: the Role of Macroeconomic Policies” in Phnom Penh, Cambodia, June 22-23, 2010

Participated in a seminar “Employment and Unemployment in India: Dimensions, Challenges and Policy Perspectives” organised by Institute of Human Development, held in Ranchi, July 4, 2010

Participated in The National Advisory Committee Meeting of the project “Informal Employment, Poverty and Growth in India and China,” held in Ranchi on July 5-6, 2010

Attended a workshop at the Centre for Development Studies, Trivandrum, to discuss its proposed Master’s Program on Economics, July 8-10, 2010

Gave a talk on “Public Sector Performance in India” at Prayas Energy Group (an NGO) in Pune on, August 7, 2010

Participated in a seminar on “Understanding Informality and Strengthening Social Protection” held in Beijing on August 31, 2010

Discussant for a seminar on “Globalization of Production Models and Innovation in Emerging Economies: Comparative Research on Sub-national Industrial Policies in New Delhi, organized by Centre d’Etudes de l’Inde et de l’Asie du Sud (CNRS-EHESS), and Institute for Studies in Industrial Development, held during November 19-20, 2010

Discussant for a paper at a national conference on “Indian Economy: 20 Years of Economic Liberalization” held at Centre for Development Studies, Trivandrum, during December 1-3, 2010

Presented a paper on “Industrial Performance after the Reforms, 1991-2010” at the “International Workshop on Inclusive Growth,” organized by International Poverty Centre for inclusive growth, during held in Rio de Janeiro, Brazil, December 8-10, 2010

Delivered a lecture on “Quality of Industrial and Services Statistics – Some Scepticism,” at a conference organized by the Indian Statistical Institute, New Delhi February 12, 2011

Delivered six lectures on “India’s Industrialisation” at the Centre for Development Studies, Trivandrum, during March 7-12, 2011



## Faculty Activities

Gave a lecture on Labor Market Flexibility at a seminar held in B M Ruia Girls' College in Gaomdevi, Mumbai, on March 29, 2011

### Pal Rupayan

Presented the paper titled "On Cross-Ownership and Privatization," 7th Annual Conference on Models and Methods in Economics, Indian Statistical Institute, Kolkata, February 2011

### Pandey Vijay Laxmi

Member, Organizing Committee, for "Prof. Kirit S. Parikh 75<sup>th</sup> Birthday Honor Conference" at IGIDR, Mumbai, October 26-27, 2010

Presented "Performance and policies of Indian agriculture" during the third team meeting of TAPSIM project at Bologna, Italy, May 19-21, 2010

### Ray Shovan

Multi-country Workshop at the Centre for Strategic Economic Studies (CSES), Victoria University, Melbourne, Australia, July 16-17, 2010

Visited the Department of Business Economics, Monash University, Melbourne, Australia, July 19-20, 2010

"Aspects of Education in India," Seminar at the Korea Institute of International Economic Policy, Seoul, South Korea, 24 May 2010

"Indian Perceptions of China: Partner or Adversary," South Asia Pool Seminar, KIEP-CRES, Seoul, South Korea, 31 May 2010

"Education for Development: India and East Asia," Seminar at the Korea Institute of International Economic Policy, Seoul, South Korea, June 4, 2010.

"Indian Education Environment," Lecture at Sogang University, Seoul, South Korea, 25 May 2010

"Education for Development: India in Perspective," Plenary Session Lecture at the National Seminar on "Prospects and Challenges for Rural Economic Development held at the Department of Economics, Viswa Bharati University, Shantiniketan, 11-13 March 2011

"Education for Development: India in Asian Perspective with Applications to Agriculture", Plenary Lecture at National Seminar on "Economic Development and Rural Poverty in India," Centre for Advanced Study in Economics, Utkal University, Bhubaneswar, March 28-29, 2011

Conference on Review of Project and Future Prospects on the Strengthening State Plans for Human Development (SSPHD) Project of UNDP, New Delhi, October 28-29, 2010

Participated in the international CUTS Forum Internet based debate on Economic Growth and Poverty Reduction with a wide ranging circle of intellectuals from academic and policy circles during the period December 2010-January 2011. The debate was triggered by the Third Hiren Mukherji Memorial Lecture in the Houses of Parliament by Professor Jagdish Bhagwati of Columbia University (Forthcoming as a book in late 2011)



## Faculty Activities

### Reddy Sudhakara B

Presented a paper “Energy Efficiency and Climate Change: A Tale of Two Countries, The Wellington Conference on Contemporary China 2010: China and India: The End of Development Models?” The New Zealand Contemporary China Research Centre, Victoria University of Wellington, April 12 -13, 2010

Presented a paper “Community Goods and Community Bads in Energy Management, Methodology of Societal Complexity for the EURO XXIV, Lisbon, July 11-14, 2010

Presented a paper “Energy infrastructure for a high humane and low carbon growth” at the 7<sup>th</sup> biannual conference on Advances in Energy Studies, Barcelona, Spain, October 19-21, 2010

Presented a paper “Energy Efficiency and Climate Change” at Prof. Kirit Shantilal Parikh 75<sup>th</sup> Birthday Honor Conference, IGIDR, Mumbai, October 26-27, 2010

Presented a paper “Energy security and the Indian dimension” at the international conference on “Eco system conservation and sustainable development,” Ambo University, Ethiopia, February 10-12, 2011

### Sarkar Jayati

Presented paper “Insider Control, Group Affiliation and Earnings Management in Emerging Economies: Evidence from India” (with Subrata Sarkar and Kaustav Sen), at the Emerging Markets Finance Conference, at IGIDR, December 20-21, 2010

Attended the Money and Finance Conference at IGIDR

Attended Emerging Markets Finance Conference at IGIDR

### Sarkar Shubhro

Presented a paper at 6th Annual Conference on Economic Growth and Development held at the Indian Statistical Institute, New Delhi, December 16-18, 2010

### Sharma Vinod K

Invited as an expert at the fifth meeting of work group of Economic Research Institute for ASEAN and East Asia (ERIA) and National Institute of Advanced Industrial Science and Technology (AIST), Kualalumpur, July, 2010

Invited to participate as an expert in the International Conference on “Energy Saving and Biofuel Utilization,” organized by PSU (Prince Songkula University), ERIA and IMT\_GT (Indonesia-Malaysia-Thailand Growth Triangle), Hat Yai, Thailand, September, 2010

Invited to participate in the Tenth Asia Biomass Workshop, organized by BPPT, Indonesia, AIST and New Energy Foundation, Japan, Jakarta, November 27- Dec. 02, 2010

Invited to participate in the working group meeting of experts of AIST and ERIA, National Institute of Advanced Industrial Science and Technology (AIST), Tsukuba, February 10-14, 2011



## Faculty Activities

### Suryanarayana M. H.

Presented a series of seminars on evaluation of the institutional capacity for information generation, National Development Plan and Millennium Development Goals in different ministries of the Government of Brunei Darussalam, Bandar Seri Begawan, April 1-16 , 2010

Participated in the discussions on the proposal on the research project on “The Political Economy of Food Price Policy” to be undertaken by WIDER, University of Copenhagen, and Cornell University with experts from developing countries

Presented the Indian experience and perspective, UNU-WIDER 25th Anniversary Conference: *The Triple Crisis*, Marina Congress Center, Helsinki, May 13-15 , 2010

Expert Group Meeting on the Implementation Strategy for the Accelerated Industrial Development of South Africa (AIDA), United Nations Conference Centre, Addis Ababa, Ethiopia, October 4-7 , 2010

Presented the paper: Industrial Policy in India: Issues, Outcomes and Evaluations Workshop on ‘Human Development in India: Analysis to Action,’ sponsored by the UNDP India and Planning Commission, Government of India, New Delhi, October 28-29, 2010

Presented the experience and lessons from preparing the HDRs for Karnataka and Maharashtra

Chaired the Group Discussion in preparing the vision for HDR with reference to statistical capacity building

CPRC-IIPA International Seminar on Understanding Poverty Dynamics and Eradicating Chronic Poverty, Indian Institute of Public Administration, New Delhi, February 3-4, 2011

Lead Discussant in the following two sessions:

- (i) Growth, Agriculture and Chronic Poverty; and
- (ii) Anti Poverty Policies: Policy Lessons

Eighth Conference of the Indian Association for Social Sciences and Health, Department of Population Studies and Social Work, Sri Venkateswara University, Tirupati

- (i) Presented the paper: Role of Health I Sustainable Development: Program Implications
- (ii) Chaired the Session: Water and Sanitation and Its Impact on Health.
- (iii) Jury of the Poster Session

International Conference on ‘Relevance of Policy Reforms on Development: Challenges before Emerging Economies’ organized by Department of Social Work, Faculty of Social Sciences, Jamia Millia Islamia, New Delhi, February 24-26, 2010

- (i) Invited Speaker for Panel discussion on ‘Relevance of Policy Reforms on Welfare Sector; spoke on ‘Food Security’ in the Technical Session II on 24 February 2010
- (ii) Chaired the session on ‘Social Security on 26 February 2011.

Delivered two lectures on Estimation Process of Poverty and Inequality in the course on ‘Estimation of Poverty & Evaluation of Poverty Alleviation Programs’ for probationers of Indian Statistical Service at the National Institute of Rural Development, Hyderabad 500 030, June 22, 2010



## Faculty Activities

Delivered two lectures on regression analysis under Teaching Innovation Programme in Economics at the Centre for Development Studies, Thiruvananthapuram, September 16, 2010

Delivered the annual public lecture on “Food Security and Inclusive Growth in India: An Evaluation” at the Central University, Kasaragod, Kerala, September 23, 2010

Delivered a lecture on ‘Statistics and its Applications in Economics’ to the post-graduate and research students, Department of Economics, Central University, Kasaragod, September 23, 2010

Delivered 12 lectures on Econometrics under Teaching Innovation Program in Economics: Version IV at the Centre for Development Studies, Thiruvananthapuram, November 22-27, 2010

Delivered lectures at Government Women’s College, Thiruvananthapuram:

- a. Pursuit of Inclusion in India: A Story of Specification Errors, November 25, 2010
- b. Revised Poverty Line: An Evaluation, November 26, 2010.

Delivered a lecture at the National Institute of Industrial Engineering, Mumbai, on the Millennium Development Goals, November 30, 2010

Delivered two lectures on statistical inference in the refresher course for the officers of the Indian Economic Service, IGIDR, January 10, 2011

National Workshop on Econometrics sponsored by the Indian Econometric Society at St. Teresa’s College, Ernakulum, Cochin, March 1-6, 2011

### Thomas Susan

Talk: “Using global commodity derivatives in domestic problems”, at Gujarat National Law University, Ahmedabad, July 26, 2010

Conference “6<sup>th</sup> Annual Indian Securities Forum”, talk: “When will innovative product development become successful in India?,” at Four Seasons, Worli, Mumbai, October 13, 2010

Workshop: “Capital markets – making capital work for India’s development needs,” talk: “The mutual fund industry in India: where to next?,” Taj hotel, Colaba, Mumbai, October 29, 2010

Workshop: R/Rmetrics workshop on Portfolio optimization, IGIDR, Bombay, November 12-13, 2010

Roundtable: “Implications of the Flash Crash for Indian securities regulation,” SEBI, Mumbai, November 11, 2010

Conference: “Emerging Markets Finance”, Westin, Mumbai, December 15-16, 2010

Workshop: “Quantitative Methods in Finance,” talk: “An introduction to financial variables,” ITM, Vashi, Mumbai, December 19, 2010

Conference: “Microfinance: translating research into practice”, talk: “Fostering growth, strengthening supervision for India’s microfinance industry,” College of Agricultural Banking – RBI, Pune, January 13, 2011



## Faculty Activities

Seminar: “The role of the government in India’s micro-finance industry,” Claridges hotel, New Delhi, January 29, 2011

Roundtable: “Datasets for research on Indian households income and savings patterns,” IGIDR, Mumbai, February 18, 2011

Roundtables: “MFI regulations for India”, talk: “The role of the government in India’s micro-finance industry”, Trident hotel, Nariman Point, February 22, 2011, and Grand Hyatt, Kalina, Mumbai, March 28, 2011

Workshop: R/Rmetrics workshop on Portfolio optimization, IGIDR, Mumbai, March 24-26, 2011

Bombay Chamber of Commerce, discussion on “Elements of accessing long term debt market for India’s infrastructure needs,” February 11, 2011

Conference: “Debt Market Summit,” chairperson for the session on Secondary markets for Debt in India, Taj hotel, Colaba, Mumbai, December 22, 2010

Conference: “Money and finance,” chairperson for the session on “Corporate Finance,” IGIDR, Mumbai, February 25, 2011

### Vaidya Rajendra R.

Invited to give a special lecture on “Competition Policy and the Indian Cement Industry” in a seminar on Recent Developments in Competition Analysis: Theory and Evidence, CDS, Trivandrum, August 10-12, 2010

Attended the mid term review workshop on a project titled “Sustaining Asia’s Growth and Investment in a Changing World” and presented a paper titled “Sustraining India’s Growth and Investment in a Changing World” ADB, Manila, January 17-18, 2011

### Veeramani C.

Presented a paper “India’s Export Sophistication in a Comparative Perspective” at the Crawford School of Economics and Government, Australian National University, May 2010 (<http://www.crawford.anu.edu.au/media/more.php?id=750>)

Presented a paper on “India’s Exports in a Comparative Perspective” at the National Seminar on Two Decades of Economic Reforms in India, Nehru Arts & Science College, Kanhangad, Kerala, February 2011

Discussant for the following two papers at the “Federalism and Reforms Conference” organised by the Australian National University and NIPFP , December 1-2, 2010

- (i) Govinda Rao and Tapas Sen “Federalism and Fiscal Reform in India”
- (ii) Urjit R Patel and Sougata Bhattacharya “Federalism and Power Sector Reform in India”





## Faculty Activities

### Yedla Sudhakar

Participated in the Capacity Building Workshop on Carbon Governance in Asia: Bridging Scales and Disciplines, Organized by UNU-IAS, GCP and APN at the Institute of Advanced Studies, United National University, Yokohama, Japan, November 1-3, 2010

Participated in the 5<sup>th</sup> Workshop on “Improvement of solid waste management and reduction of GHG emission in Asia (SWGA)” - Feasibility of mitigation action in Asia held at the National Institute for Environmental Studies (NIES), Tsukuba, Japan during October 21-23, 2010, and made a presentation on *GHG Mitigation from Solid Waste Management – PPP Based Decentralized Composting*, October 21, 2010

Participated in the 7th NIES Workshop on E-waste held at the National Institute for Environmental Studies (NIES), Tsukuba, Japan during October 18-20, 2010, and made a presentation on *E-Waste Management in India – Issues, Challenges and Policy Response*, October 18, 2010

Participated in the 5<sup>th</sup> Workshop on “Improvement of solid waste management and reduction of GHG emission in Asia (SWGA)” - Feasibility of mitigation action in Asia held at the National Institute for Environmental Studies (NIES), Tsukuba, Japan, during October 21-23, 2010, and made a country representative presentation on the *State of National GHG Mitigation Efforts Relevant to Waste Sector – Indian Scenario*, October 22, 2010

Invited for the International Conference on Urbanization and Global Environmental Change: Opportunities and Challenges for Sustainability in an Urbanizing World, held on the campus of Arizona State University, Tempe, Arizona, USA, Organized by The Urbanization and Global Environmental Change (UGEC) project of the International Human Dimensions Programme (IHDP). Invited to make a presentation on "Co-Benefit as an Approach to Align Climate Change Concerns with the National Development Objectives: Solid Waste Management," October 15-17, 2010

Participated in a Regional Workshop on “Waste Management in the Sohar Industrial Port,” organized by Sohar Environmental Unit, Ministry of Environment and Climate Affairs, Sultanate of Oman, Crown Plaza Sohar, September 20, 2010

Invited at the 2nd UNITAR-Yale Global Conference on Environmental Governance and Democracy: Strengthening Institutions to Address Climate Change and Advance a Green Economy, 2nd Conference on Environmental Governance and Democracy at Yale University in New Haven, Connecticut, USA to make a panel presentation on ‘Mainstreaming Climate Change and Greening Concerns into the National Development Objectives: Issues of Governance at Different Levels,’ September 17-19, 2010

Coordinator for a “Panel on Harmonized Emission Standards in India – What can be learnt from Europe Experience”, Diesel Emission Conference (DEC-2010), Organized by *Integer Research*, London, Leela Kempshi, Gurgaon, New Delhi, India, September 8-9, 2010



## Faculty Activities

### Refereeing/Membership of Committees/Awards/Miscellaneous :

#### Babu P.G.

Referee: Indian Journal of Pure and Applied Mathematics, Ecological Economics

Adam Smith Chair Guest Professorship, Philosophy and Economics Program, University of Bayreuth Germany, May to July 2010

Member, University Grants Commission (UGC) Expert Committee to evaluate Mysore University under its University with Potential for Excellence scheme

Member in the following IGIDR internal committees: Canteen Committee, Infrastructure Committee, Library Committee, Minimum Work Load Committee, Recruitment Committee, Welfare Committee.

Coordinating the Law and Economics Program

#### Student Theses:

Poonam Mehra, *Mergers and Acquisitions: Market Structure, Firm Size and Regulation*, Ph.D. Degree awarded in 2011 convocation (Thesis Committee Chair; Co-Chair: Subrata Sarkar; Member: Thomas Eger)

Vikas Kumar, *Three Essays on the Political Economy of Conflicts*, Ph.D. Degree awarded in 2011 convocation (Thesis Committee Chair; Members: Manfred Holler and Jayati Sarkar)

Nitin Harak (jointly with G. Mythili; Member: A. Ganesh-Kumar), ongoing Ph.D

Tanmoy Neogy, *Financial Contracting in the Presence of Heterogeneous Lenders*, M.Phil. Degree Awarded in 2011 Convocation

Abhimanyu Dadu, *Insurgency as Social Conflict: An Economic Approach*, ongoing Masters Thesis

Madhav Kumar, *Financial Crisis in the Evolutionary Game Theory Framework*, ongoing Masters Thesis

Angelika Mueller, *Biomass CDM Projects and their Contributions to Poverty Alleviation in India*, Visiting Student

Julian Faust, *Agricultural Crisis in India: Farmer Suicides, Bt-Cotton and the Role of Institutions*, Visiting Student

#### Chandrasekhar S

Jan 2010-Dec 2011 Member, Board of Management, Indira Gandhi Institute of Development Research, Mumbai, India

Coordinator of the In-Service Training Program on "Econometrics-Theory and Applications" for Indian Economic Service officers conducted by IGIDR on behalf of The Indian Econometric Society, January 2011



## Faculty Activities

### Goyal Ashima

Peer reviews for Economic Modelling, Journal of Asian Economics, International Review of Applied Economics, Journal of Quantitative Economics, International Journal of Trade and Global Markets, Macroeconomics and Finance in Emerging Market Economies and Oxford University Press

Awarded the Professor P.R. Brahmananda Memorial Research Grant for the year 2010-11. Topic “History of Monetary Policy in India since Independence”

Member, Steering Committee on Economic and Policy Research (SCER), RBI, appointed November 2010, meeting on January 10, 2011

Member, Working Group on Operating Procedure of Monetary Policy, appointed in October 2010, meeting held on November 11

Member, Governing Board, National Institute of Bank Management, appointed on September 24, 2009

Member, Standing Committee of the Board, National Institute of Bank Management, appointed in December, 2009

Member, Board of Futures of Financial Markets (FOFM™) 2011 Leadership Summit, appointed January 2011

Public Interest Director for Forward Markets Commission on MCX Board, appointed May 29, 2010  
Board member, MCX-SX Clearing Corporation Ltd, and member Audit Committee of the Board, appointed April 17, 2009

Member, Board of India Today Economists, since March 2008

Member, Board of Management, IGIDR, appointed 3 June, 2009

Member, Advisory Committee on National Accounts Statistics (ACNAS) of the Ministry of Statistics & Programme Implementation, term 22-05-2007 till 30-06-2010

IGIDR Committees: Member Executive Committee, Foreign Travel Committee, Committee for screening applications for IGIDR faculty positions, ad-hoc management committee, May-Aug 2010

Pre-Budget consultations with the Finance Minister in connection with the forthcoming Union Budget 2011-12, January 17, 2011

Visit to IIM Cal as external expert for faculty recruitment seminar, September 30-October 1, 2010

RBI Governors' Pre-Policy Consultation with the Economists and Journalists, October 19, 2010

Response to questions from media: DNA, Bloomberg UTV, India Today, Business Today, Times of India, Outlook Money

PhD students under supervision:

Shruti Tripathi: *Dynamic effects of oil prices*, (committee member Subrata Sarkar)

Sanchit Arora: *Monetary and fiscal policy: Interaction and Coordination*

Jugnu Ansari: *Monetary Policy Transmission and Interest Rate Pass-through*



## Faculty Activities

Anusha: Analysis of Business Cycles (Committee Member)

Amlendu Dubey: Three Essays on Time Scale Modeling of Financial Risk (Committee Member)

### Mahendra Dev S

Member, Expert Committee on the issue of plagiarism in higher education, UGC, Govt. of India

Member, Advisory Group for G-20 issues to advise the Finance Minister of India

Member, Advisory Panel, Young Lives Project, September 2009 – August 2012

Member, Core Group for the project on 'Tackling Agriculture-Nutrition Disconnect in India, January 2010 to June 2011

Member, mid-term review of agriculture in 11<sup>th</sup> Five Year Plan

Adviser, UNICEF on 'NREGA and Impact on Child well Being,' 2010

Member, Board of Governors, Institute for Human Development

Member, Board of Governors, Institute for Social and Economic Change, Bangalore

Member, Council of Indian Statistical Institute, Kolkata

Ph.D student guidance: Suganthi D

### Mishra Srijit

Reviewed a book proposal for Oxford University Press, New Delhi

Member, Committee on Unorganized Sector, National Statistical Commission, Government of India, August 1, 2010 - date

Member, Task Force to look into the issue of a large number of farmers, who had taken loans from private money lenders, not being covered under the loan waiver scheme, (also member of its Drafting Committee and Eastern Sub-group) Ministry of Agriculture, Government of India, 6 October 2009-30 June 2010, [http://www.nabard.org/pdf/TaskForce\\_Report%20final%20loaded%20on%20website.pdf](http://www.nabard.org/pdf/TaskForce_Report%20final%20loaded%20on%20website.pdf).

Advisory committee, Centre for Empowerment of Women through Financial Inclusion, SNDT Women's University, Mumbai, December 2009 - date

Consultant, District Agricultural Development Plans for the Vidarbha Districts, Government of Maharashtra, December 1, 2007- date

Current institutional responsibilities:

Convener, Visiting Scholars Program

Member, Internal Quality Assurance Cell and PhD Colloquia

IGIDR responsibilities up to December 31, 2010:

Dean, Students Welfare



## Faculty Activities

Member, Placement Committee

Convener, Visiting Students Program

Convener, Publication Committee

Member, Seminar Committee

Member, Transportation Committee

Thesis guidance, supervision of four PhD, two MPhil and two MSc theses, and committee member of one PhD scholar

Life Member of Indian Econometric Society, Indian Economic Association, Indian Society of Agricultural Economics, Indian Society of Labor Economics. Indian Society of Agricultural Marketing, Forum for Global Knowledge Sharing, and Orissa Economic Association

### Motiram Sripad

Referee for Artha Vijnana, Investigacion Economica

Thesis Advisement:

Chair for 1 Ph.D. student (Ashish Singh); Co-chair for one Ph.D. student (Tushar Agarwal); Committee member for 2 students (Kaijamang Mate and Suganthi Dhanapal)

Adviser for 1 M.Sc. thesis (Nayantara Sarma)

Advisor on project for 1 visiting student (Siddhartha Ghose)

Member of Computer Committee, Term Insurance Committee and M.Sc. and M.Phil Examination committee

Seminar Co-ordinator (since Jan 2011), Member of the Executive Council (since Jan 2011)

Interviewed candidates for Lecturer position at Doon University, Dehradun; Attended the brainstorming session at Doon University, Dehradun, to start an integrated BA/MA program in Economics

### Mythili G.

Journal articles: Referee for 'Journal of Quantitative Economics' and 'Food Policy'

Joint Managing Editor of 'Journal of Quantitative Economics'

Life member of Indian Econometric Society, Indian Society of Ecological Economics and Indian Society of Agricultural Economics and Annual member of International Society of Ecological Economics

IGIDR Committees: Member of Visiting Scholars Program Committee, IQAC Committee, Entrance Test and Interview Committee of P.G./M.Phil./Ph.D. admission

Project Coordinator: for the module 'Development of Dynamic Recursive CGE Model for India' of the project titled "Trade, Agricultural Policies and Structural Changes in India's Agrifood System: Implications for National and Global Markets (TAPSIM)" funded by European Commission



## Faculty Activities

### Nachane D.M.

Member, *Technical Advisory Committee On Monetary Policy*, RBI

Member, *Advisory Committee on RBI History Project*, RBI

Member, Dr. Vijay Kelkar Committee, Government of Maharashtra

Member, UGC Advisory Committee, Centre Of Advanced Study, Gokhale Institute of Politics & Economics, Pune

Member, UGC Advisory Committee, Centre of Advanced Study, Department of Economics, University Of Jadavpur, Kolkata

### Nagaraj R.

Journal articles: refereed papers for *Economic and Political Weekly*, *Journal of Regional Studies*, *Servekshna*, a working paper of Centre for Development Studies, Thiruvananthapuram

Reviewed a Ph D Thesis for Jawaharlal Nehru University

Reviewed the draft *India Labour Report*, 2011 for Institute of Human Development, New Delhi (forthcoming)

Member of a selection committee to recruit associate professors in Economics area in IIM Calcutta

Member of the Standing Committee on Industrial Statistics, CSO

Member of the Planning Commission's Working group on savings for the 12<sup>th</sup> Plan formulation

Member, Academic affairs committee, Gujarat Institute of Development Research, Ahmedabad

Member, International Advisory Group of the IRMA-IDRC research project on "Labour markets in China and India"

Member of the faculty recruitment panel in Economics of Ambedkar University, Delhi.

Member, Syllabus revision committee for the course on Indian Economy at Indira Gandhi Open University, New Delhi

Departmental Advisory Board, Economics department, National Council for Educational Research and Training (NCERT), New Delhi

### Pal Rupayan

Refereed research papers for *Economic Systems*, *Economics and Human Biology*, *International Review of Economics and Finance*, *Macroeconomics and Finance in Emerging Market Economies*, *Resource and Energy Economics*, and *Small Business Economics*

Joint Managing Editor of the *Journal of Quantitative Economics*, Member of the Royal Economic Society, UK, Life Member of the Indian Econometric Society, India

Thesis Supervision: Ajay Sharma (M. Phil), Arun Kumar Kaushik (M. Phil), Ritika Jain (Ph. D)



## Faculty Activities

### **Pandey Vijay Laxmi**

Refereed article for “Journal of Environment Planning and Management”

Member, Maharashtra Economic Development Council

Member, EPW Research Foundation

IGIDR Committees:

Dean Students Affairs

Member, Executive Committee

Member, IT and Computer Committee

Member, Visiting Students Program

Convenor, Student Placement

Convenor, Students Welfare and Grievance Redressal Committee

Chairperson, Sexual Harassment Redressal Committee

Student Guidance:

Nirupam Dutta, PhD, Conservation Agriculture in India: An Exploration of Some Issues (with Dr. Chandrasekhar)

D. Suganthi, PhD, Modern food supply chain and their implications for small holders in India (with Dr. S. Mahendra Dev and Dr. Sripad Motiram)

Ph. D. Committee member for Andaleeb Rahman

### **Ramaswamy K.V**

Refereed papers for Economic and Political Weekly

Member, Advisory Board, Annual International Conference 2010 - Strategic Marketing of Consumer and Technology Products, University Business School, Punjab University

Participated and made a presentation at a seminar organized by NAAC in Bangalore on ‘Quality issues and challenges for accreditation’

Dean Academic Affairs:

Successfully supervised and completed the entire process of recruitment of students of M.Sc in economics, M. Phil/PhD and External PhD program in Development Studies, for the academic year 2010-11

Successfully completed the process of syllabus revision by supervising the meetings of the five expert groups, in September 2010, set up by the IGIDR Academic council to revise the compulsory courses of MSC Economics program of IGIDR in September 2010

Organized the first meeting of the Internal Quality Assessment Committee (IQAC) as per the NAAC guideline



## Faculty Activities

Made presentations before the NAAC Committee that visited IGIDR for re-accreditation during March 24-26, 2011

Member Minimum Workload Committee, IGIDR

### Ray Shovan

IGIDR Committees:

Infrastructure Committee for Upgradation

Ph.D. / Research Colloquia

Visiting Scholars' Program

All day workshop of the Expert Committee on revision of M.Sc. course of IGIDR, September 13, 2010

Preparation of proposal on social protection for proposed UNDP project by invitation from the sponsors

Participation for NAAC Review Team for IGIDR evaluation, March 23-25, 2011

### Reddy Sudhakara B

Refereeing /Reviewing for the Journals: *Energy for Sustainable Development (Elsevier)*, *Energy Policy(Elsevier)*, *Cities (Elsevier)*, *Energy Efficiency (Springer)*

Project: Evaluation of Need Assessment – A Socio-economic study of the villages around Gayatri Power Project, Nellore

### Sarkar Jayati

Refereeing: Journal of Indian School of Political Economy

Associated with Mission Swayam Siddha, a social initiative to empower economically and socially disadvantaged women in Mumbai

### Sarkar Shubhro

Thesis Advising:

Andaleeb Rahman (Ph.D.)

Kaushik Roy Chowdhury (M.Phil.)

Amit Kumar Maurya (M.Sc.)

Ritika Palit (M.Sc.)

Taught Industrial Organization (optional, Aug-Dec 2010) and Public Economics (compulsory, 10 lectures, Jan-Feb 2011)

Convenor of the Brown Bag Seminar Series

Entrance Examination Committee member





## Faculty Activities

### Sharma Vinod K

Managing editor of a journal “International Journal for Sustainable Innovations (IJSI)”

Organizing Committee Member of “Biofuels for Sustainability and Rural Livelihoods and Energy Security” organized by the Biodiesel Association of India, New Delhi, November 19, 2010

Organized ERIA Experts’ Work Group Meeting on Sustainability of Bioenergy, sponsored by ERIA, Jakarta and AIST, Japan, at Hyderabad, India, May 21-27, 2010

Coordinator of a continuous biennial event series, namely, International Symposium on a Sustainable Future (ISSF)

Member of Editorial Board of Environmental Monitoring and Assessment, Kluwer Academic Publishers, The Netherlands

Member, Editorial Board of International Journal of Life Cycle Assessment, Scientific Journals, Germany

Invited as Peer Reviewer to assess the academic credentials of a candidate applied for promotion to the post of Professor at Joint Graduate School of Energy and Environment, King Mongkut’s University of Technology Thonburi Bangkok, Thailand, 2010

International Expert Work Group Member of a Multi-Country Team of Experts on Sustainability Assessment of Bioenergy in East Asia, designated by the AIST, Japan and ERIA, Indonesia, April 2010-March 2011

Member, of International Life Cycle Board, the highest decision making body of the UNEP/SETAC Life Cycle Initiative, October, 2002 - till date

Invited as Chief Guest to address the audience and distribute awards to the participants of “National Essay Competition Award Function-Life in Plastics Era,” during the PLASTIVISION INDIA-2011, 8<sup>th</sup> International Plastics Exhibition & Conference, Mumbai, January 22, 2011

Invited to deliver “Indira Gandhi Memorial Lecture” on “Sustainability and Rural Livelihoods” in an event organized by the Biodiesel Association of India, New Delhi, November 19, 2010

Field visits for survey and data collection on social, economic and environmental aspects of sustainability of bioenergy / biofuels, in Malaysia (Carrey Island and Kualalumpur), July 10-12, 2010

Examiner for Ph.D. Thesis Examination, Indian Institute of Technology, Mumbai, February, 2011

Examiner for Ph.D. Thesis Examination, Indian Institute of Science, Bangalore, August 01, 2010

Chairman EEIU, India Chapter (Eco-Ethics International Union, Germany)

LMIFTA (Life Member, Indo-French Technical Association, India)

MIE (Member, Institution of Engineers, India)

MISDT (Life Member, Indian Society of Desert Technology, India)

IGIDR Committees: Member of Faculty Recruitment Advisory Committee, Infrastructure Committee, Employee Welfare Committee, Trustee of Employees Provident Fund and Coordinator of RA Committee



## Faculty Activities

### Srinivasan Naveen

Referee/Reviewing Assignments: *Journal of Banking & Finance and Economics Letters*

Member, organizing committee for the Annual Money & Finance conference

Member, IGIDR Academic Council, Graduate Admission Committee, Visiting Scholars Program,

Ph.D. Colloquia, Visiting Students Program, Minimum Faculty Workload Committee, Sports Committee

Member, Steering Committee on Economic and Policy Research (SCEPR), Reserve Bank of India, chaired by Dr. Subir Gokarn, since January 2011

Coordinator of the RBI Officers Training Program (with Prof. Rajendra Vaidya) at IGIDR, April-June 2011

Ph.D. Guide for Sudhanshu Kumar, Committee members: Prof. D. M. Nachane and Prof. M. Ramachandran

### Suryanarayana M. H.

Committee to formulate the course-specific details for the MA Program in Economics, Centre for Development Studies, Thiruvananthapuram

Member, Academic Board, Department of Economics, Mumbai University, Mumbai, India

Member, PhD Committee, Gokhale Institute of Politics & Economics, Pune, India

Member, Committee to formulate course content and reading material for the course on 'Population and Sustainable Development' for the PG course, International Institute of Population Sciences, Mumbai

Consultant, Office of the Prime Minister, Government of Brunei Darussalam and the UNDP on the preparation of the second-generation report on the Millennium Development Goals

Consultant, Office of the Prime Minister, Government of Brunei Darussalam, on evaluation of (i) the statistical information system; and (ii) the Long Term Development Plan of Brunei Darussalam

Editorial Board, *Indian Journal of Agricultural Economics*

Sub-Group-6 of Committee on Statistics of Agriculture and Allied Sectors, National Accounts Division, Central Statistical Office, Ministry of Statistics and Programme Implementation, Government of India

Invited to share views and suggestions by Parliamentary Standing Committees on (i) Finance on 'Appraisal of BPL Criteria'; and (ii) 'Impact of planning process on the common man' respectively

Refereed research papers/proposals for the following journals and institutions:



## Faculty Activities

Artha Vijnana,  
 Indian Journal of Human Development  
 Economic and Political Weekly;  
 Indian Journal of Agricultural Economics;  
 Institute for Social and Economic Change, Bengalooru  
 International Institute for Population Science, Mumbai  
 Oxford University Press, New Delhi  
 Prajnan,  
 Sarveskhana

Taught Introductory Econometrics for research scholars and teachers

Guided two students at IGIDR on their PhD theses on issues related to health in India and one student on the MPhil thesis on NREGA

### Thomas Susan

Membership of Boards:

Future Financial Services Ltd., September 2010 onwards

SBI Pension Funds Pvt. Ltd., December 2007 onwards

India Value Fund Associates, Trustee, March 2007 onwards

Benchmark Asset Management Company Ltd., October 2001 onwards

Member, Risk Management Committee, IFMR Capital, Chennai, December 2010 onwards

Member, Risk Management Committee, Power India Exchange Ltd., Bombay, December 2010 onwards.

Chair, Risk Management Committee, SBI Pension Funds Pvt. Ltd., August 2009 onwards

Member, Secondary Markets Advisory Committee, SEBI, January 2009 onwards

Member, Technical Advisory Committee on Money, Foreign Exchange and Government Securities, RBI, June 2006 onwards

Project leader for the IGIDR “Financial Sector Regulatory Reforms” project, funded by the Foreign and Commonwealth office of the UK government

### Vaidya Rajendra R

Elected as Affiliate Fellow of the Indian School of Political Economy, Pune

Coordinator: Annual Conference on Money and Finance held at IGIDR during February 25-26, 2011

### Veeramani C

Refereeing / Review : Journal of International Development, Economic and Political Weekly, International Journal of Economic Sciences and Applied Research, ASCI Journal of Management

Australian Leadership Award from AusAid, Australian National University, April – September, 2010



## Faculty Activities

### Yedla Sudhakar

Peer Reviewer for Energy Policy, Journal of Air and Waste Management Association, USA, International Journal of Environment and Pollution, Inderscience Publishers; Journal of Environmental Management, Elsevier; Transportation Research, Part A – Policy and Practice, Elsevier; International journal “Ecological Economics”, Elsevier; Journal World Review of Entrepreneurship, Management and Sustainable Development, Inderscience publisher; International Journal “Cities,” Elsevier; International Journal of Global Environmental Issues, Inderscience Publishers; IIMB Management Review, Indian Institute of Management, Bangalore, India; Computer, Environment and Urban Systems (CEUS – Elsevier); International Journal of Sustainable Transportation; Energy Policy (Elsevier); Omega, The International Journal of Management Science, Elsevier; International Journal of Environment and Waste Management (IJEWM), Inderscience Publishers; Journal of Material Cycle and Waste Management, An International Journal published by the Japan Society of Waste Management Experts; Journal of Industrial Ecology, An International Journal Published by MIT Press, USA; Environment, Development and Sustainability, An international journal from Springer Publishers; Journal of Public Health and Epidemiology (Academic Press); Journal of Social Science and Environmental Management (Academic Press)

International Fellowship, Global Carbon Project (GCP), International Office in Japan – An International Urban and Carbon Management Initiative by Earth Systems Science Partnership (ESSP), October-November 2010

Invited Fellow under BRAIN KOREA Program of Government of Korea, University of Ulsan, South Korea, December 2009

International Peer Reviewer for the Netherlands Foundation for WOTRO Science for Science for Global Development (WOTRO), The Netherlands

Invited Expert and Key Note Speaker, First Asia and Pacific Mayor’s Forum on Sustainable Urban Infrastructure Development, Ulsan City, South Korea, 21-23 April 2008, Organized by UN-ESCAP and the City of Ulsan

Editorial Board Member, “The Open Transportation Journal” published by Bentham Open Since 2009

International Advisor/Consultant, HMR International Environmental Consultants, Sultanate of Oman

Member, District Level Consent Committee (CEO and CF) of Andhra Pradesh Pollution Control Board (APPCB), Warangal Regional Office (Since September 2009)

Advisor for the Warangal Municipal Corporation (Municipal Commissioner) on Environmental Management, particularly Municipal Solid Waste Management (Developed an initiated decentralized waste management plan which is being implemented)

Member, American Society of Civil Engineering (ASCE), USA

Member, Korean Society of Environmental Engineers, Seoul, South Korea

Editorial Board Member, “The Open Transportation Journal” published by Bentham Science Publishers

Member, The Institution of Engineers (India) (MIE) – Civil Engineering

Member, Administrative Staff College of India (Association), (ASCI), Hyderabad, India



## Faculty Activities

Associate, Leadership in Environment and Development (LEAD), New Delhi, India

Member, International Environmental Law Research Centre, Châtelaine-Geneva, Switzerland

Member, Clean Air Initiative (CIA-ASIA), Manila, Philippines

Member, South Asian Network For Development and Environmental Economics (SANDEE), The World Bank, Washington, D.C., USA

Member, International Solid Waste Association (ISWA), Denmark

Member, International Society for Ecological Economics, (ISEE) U.S.A

Series of invited guest lectures for the Environmental Management group at Indian Institute of Forest Management (IIFM), Bhopal, India, February 26-27, 2011

Open NIES Talk on “Urban Energy and Carbon Intensity in India and Its Determinants – A Household Level Analysis”, at the National Institute for Environmental Studies (NIES), Tsukuba, Japan, November 29, 2010

Invited Expert, the 7th NIES Workshop on E-waste held at the National Institute for Environmental Studies (NIES), Tsukuba, Japan during October 18-20, 2010 and made an expert presentation on *E-Waste Management in India – Issues, Challenges and Policy Response*, October 18, 2010

Invited expert at the Regional Workshop on “Waste Management in the Sohar Industrial Port”, organized by Sohar Environmental Unit, Ministry of Environment and Climate Affairs, Sultanate of Oman, Crown Plaza Sohar, and spoke on “*Design Aspects of Landfill-Environmental considerations*,” September 20, 2010

Coordinator for a “Panel on Harmonized Emission Standards in India – What can be learned from Europe Experience,” Diesel Emission Conference (DEC-2010), Organized by *Integer Research*, London Leela Kempisi, Gurgaon, New Delhi, India, September 8-9, 2010

Invited Expert Speaker for the session on “Finance for Agriculture and Forestry – CDM Project” at the Continuing Professional Development Programme on Clean Development Mechanism (CDM) and Carbon Finance for Agriculture and Forestry and Land use Project, organized by the Engineering Staff College of India (ESCI), ESCI, Hyderabad, India, August 25-27, 2010

Attended the 23<sup>rd</sup> Research and Development Advisory Committee (RDAC) meeting of the Ministry of Rural Development and made a presentation (of the proposed project) on Development of Low Cost Filter for the Removal of Pesticides in the Rural and Pesticide Affected Area,” MoRD, Paryavaran Bhawan, Delhi, June 16, 2010



## Faculty Research Publications

### Books

Goyal, Ashima, co-editor of journal *Macroeconomics and Finance in Emerging Market Economies*, Vol 3, No. 2 published in September 2010. Vol 4, No. 1 published in March 2011. Routledge

Narasimha Reddy D. and Srijit Mishra (eds.), *Agrarian Crisis in India*, Oxford University Press, 2010, Paperback (the hardbound came out in 2009)

Nagaraj, R. *Is Inclusive Growth Possible in India?, Growth, Inequality and Social Development*, an edited volume for United Nations Research Institute for Social Development, Geneva, Palgrave Macmillan (forthcoming)

### Journals/Chapters in Edited Volumes/Working Papers/Book Reviews/Journal Paper Reviews

#### Babu P.G.

Babu P.G., *Transgressions Beyond the Boundary: The Curious Mind of Kaushik Basu*, Invited Paper, *Journal of Indian School of Political Economy* (under process)

#### Chandrasekhar S.

Chandrasekhar S. "Factors Affecting Age at Marriage and Age at First Birth in India" *Journal of Quantitative Economics*, Vol 8, No.2, July 2010

#### Goyal Ashima

Goyal Ashima, "Sustainable Debt and Deficits in Emerging Markets", *International Journal of Trade and Global Markets*, Vol. 4, No. 2, (Issue 2), 2011

Goyal, Ashima, "Exchange Rate Regimes and Macroeconomic Performance in South Asia", in Raghendra Jha (eds.) *Handbook on South Asian Economies*, Routledge, 2011

Goyal, Ashima, "Developing Women: Why Technology Can Help", *Journal of Information Technology for Development*, Vol 17(2) pp. 112-132. April, 2011

Goyal, Ashima, "Evolution of India's Exchange Rate Regime", in Sameer Kochar (eds.) *Growth and Finance: Essays in Honour of C. Rangarajan*, chapter 14, 2011

Goyal Ashima, "Inflows and Policy: Middling Through", in D.M.Nachane (eds.) *India Development Report 2011*, Chapter 11, New Delhi: IGIDR and Oxford University Press, 2011

Goyal, Ashima, "Mumbai as an IFC- Role of Commodity Exchange." *Commodity Insights Yearbook*, pp 30-37, 2010

Goyal, Ashima, "Improving India's Public Transport Systems: Comparing Governance in Indian Railways and in Air-India". in S. Sriraman (ed.) *Transportation System Studies and Policy Analysis.*, Chapter 21, Himalaya Publishing House: Mumbai. pp. 276-290. 2010

Goyal, Ashima, "Deepening Participation in Markets". *CAPAM 2010 brochure*, FICCI's 7<sup>th</sup> Annual Capital Markets Conference. Pp. 3-5, April 20, 2010



## Faculty Research Publications

Goyal, Ashima, 'Regulatory Structure for Financial Stability and Development,' *Economic and Political Weekly*, Vol. XLV, No. 39, 51-61, September 25, 2010

Goyal, Ashima, 'Insecurities of the old and marginalized: Inflation, Oil Shocks, Financial Crisis and Social Security' in Moneer Alam and Armando Barrientos (eds.) *Demographics, Employment and Old Age Security: Emerging Trends in South Asia*, chapter 16, New Delhi: Macmillan India, pp. 284-300, 2010

Goyal, Ashima (with Shruti Tripathi), "Extracting Information on Inflation from Consumer and Wholesale Prices and the NKE Aggregate Supply Curve" WP-2010-012, 2010 <http://www.igidr.ac.in/pdf/publication/WP-2010-012.pdf>

Goyal, Ashima "The Future of Financial Liberalization in South Asia," WP-2010-022, November 2010 <http://www.igidr.ac.in/pdf/publication/WP-2010-022.pdf>

Goyal, Ashima "Evolution of India's exchange rate regime," WP-2010-024, December 2010 <http://www.igidr.ac.in/pdf/publication/WP-2010-024.pdf>

Goyal, Ashima "India's fiscal and monetary framework: growth in an opening economy," WP-2010-025, December 2010

Goyal, Ashima, 12 Newspaper articles in the *The Hindu Business Line* from April 2010 to March 2011, 1 article in Business Standard and 1 article in DNA, March 1, 2011

Goyal, Ashima, 'India on the Growth Turnpike.' *Inclusion*, Vol 1(1) pp: 44-45. April-June. 2010

Goyal, Ashima, 'Is the U. K Sinha Report step in the right direction of Capital Account Convertibility?' *Economic Digest*, Maharashtra Economic Development Council, Vol. 40, No.1, pp. 5-7, November 2010.

Goyal, Ashima, 'Inflationary pressures in South Asia', *Asia-Pacific Development Journal*, Vol. 17. No 2, December, 2010. [http://www.unescap.org/pdd/publications/apdj\\_17\\_2/1\\_Goyal.pdf](http://www.unescap.org/pdd/publications/apdj_17_2/1_Goyal.pdf)

### Mahendra Dev S.

Mahendra Dev, S and N.Chandrasekhara Rao *Biotechnology in Indian Agriculture: Potential, Performance and Concerns*, Academic Foundation, 2010

Mahendra Dev, S and Alakh N.Sharma "Food Security in India: Performance, Challenges and Policies" published by Oxfam and Institute for Human Development

Mahendra Dev, S "Food Security and Small Scale Farming in India," in *Food Security and the Future of Farms 2020 and Toward 2050*, Royal Swedish Academy of Agriculture and Forestry in cooperation with Bertebos Foundation, Sweden

Mahendra Dev, S "NREGS and child well being," WP-2011-004, 2011

Mahendra Dev, S "Rising food crisis and financial crisis in India: Impact on women and children and ways of tackling the problem", WP-2011-003, 2011



## Faculty Research Publications

### Mishra Srijit

Sushanta Mallick and Srijit Mishra (guest editors), Editorial, special issue on 'Contemporary Issues in Global Economy and Policy Analysis,' *International Journal of Trade and Global Markets (IJTGM)*, Vol. 4. No. 2, April, 2011 <http://www.inderscience.com/editorials/f652101412311897.pdf>

Sushanta Mallick and Srijit Mishra (guest editors), Editorial, special issue on "Emerging Issues in Development and Sectoral Performance - The Indian Experience," *International Journal of Economic Policy in Emerging Economies (IJEPEE)*, Vol. 3. No. 3, September 2010 <http://www.inderscience.com/editorials/f135491168712210.pdf>

Srijit Mishra, Conflict Resolution through Mutuality: Lessons from Bayesian Updating, *Journal of Quantitative Economics*, 2011 (forthcoming) IGDR working paper version is available at <http://www.igidr.ac.in/pdf/publication/WP-2011-001.pdf>

Hippu Salk Kristle Nathan and Srijit Mishra, Progress in Human Development: Are we On the Right Path? *International Journal of Economic Policy in Emerging Economies*, Vol.3. No. 3, pp. 199-221, 2010 [http://www.inderscience.com/search/index.php?action=record&rec\\_id=35178&prevQuery=&ps=10&m=or](http://www.inderscience.com/search/index.php?action=record&rec_id=35178&prevQuery=&ps=10&m=or). IGDR working paper version is available at <http://www.igidr.ac.in/pdf/publication/WP-2010-010.pdf>

Srijit Mishra and D. Narasimha Reddy "Persistence of Crisis in Indian Agriculture: Need for Technological and Institutional Alternatives," in Dilip M. Nachane (ed) *India Development Report 2011*, Oxford University Press, 2011, (forthcoming)

Narasimha Reddy D. and Srijit Mishra "Economic Reforms, Small Farmer Economy and Agrarian Crisis," in R. S. Deshpande and Saroj Arora (eds) *Agrarian Crisis and Farmers' Suicides*, Sage, pp.43-69, 2010

Srijit Mishra "Agrarian Scenario in Post-reform India: A Story of Distress, Despair and Death," in Jagannath Lenka (ed) *Current Issues in Indian Agriculture*, 2010. Earlier, a slightly shorter version was published in *Orissa Economic Journal*, 39, (1 & 2), 53-84

Srijit Mishra and S.R.Gopikrishna, *Nutrient Based Subsidy (NBS) & Support Systems for Ecological Fertilization in Indian Agriculture*, Policy Brief, Greenpeace India, 2010 <http://www.greenpeace.org/raw/content/india/press/reports/fertilizer-subsidy-policy-brief.pdf>

Srijit Mishra, Towards a New Agriculture in Maharashtra, *MEDC Monthly Economic Digest*, 39 (5), 34-35, 2010 <http://www.medcindia.org/Digest/May%20Digest/Sirijit.pdf>

Srijit Mishra , Op-Ed: Emergence of a new antibiotic resistant superbug, NDM-1, *Digital Journal*, October 10, 2010, <http://www.digitaljournal.com/article/298749>

Srijit Mishra, Three share Nobel in Economic sciences for 2010, *Digital Journal*, October 11, 2010, <http://www.digitaljournal.com/article/298785>

Srijit Mishra, Inspirational stories from 2010 Lindau meeting of Nobel laureates, *Digital Journal*, October 18, 2010, Read more: <http://www.digitaljournal.com/article/299076>





## Faculty Research Publications

Srijit Mishra, Prospects and challenges for India on the Ayodhya Verdict, *Digital Journal*, October 26, 2010, <http://www.digitaljournal.com/article/299301>

Srijit Mishra, Day 28 of farmers marching across India to save agriculture, *Digital Journal*, 29 October 2010, read more: <http://www.digitaljournal.com/article/299546>

Srijit Mishra, 'People first' stressed on 20th Anniversary edition of HDR, *Digital Journal*, November 5, 2010, <http://www.digitaljournal.com/article/299827>

Srijit Mishra, Day 35 of farmers march coincides with Obama's visit to India, *Digital Journal*, November 6, 2010, <http://www.digitaljournal.com/article/299596>

Srijit Mishra 2010, Landslide victory for Nitish Kumar in Bihar, India, *Digital Journal*, November 24, 2010, Read more: <http://www.digitaljournal.com/article/300626>

### Motiram Sripad

Motiram, Sripad "Political Economy of Agrarian Distress in India Since the 1990s," (with Vamsi Vakulabharanam) in Sanjay Ruparelia, Sanjay Reddy, John Harriss and Stuart Corbridge (eds.) *Understanding India's New Political Economy: A Great Transformation?* London: Routledge, 2011

Motiram, Sripad "Patterns of Wealth Disparities in India: 1991-2002," (with Arjun Jayadev and Vamsi Vakulabharanam) in Sanjay Ruparelia, Sanjay Reddy, John Harriss and Stuart Corbridge (eds.), *Understanding India's New Political Economy: A Great Transformation?* London: Routledge, 2011

Motiram, Sripad , *Book Review, The Transformation of Agri-Food Systems: Globalization, Supply Chains and Smallholder Farmers*, edited by Ellen B. McCullough, Prabhu Pingali and Kostas G. Stamoulis, London: Earthscan, 2008, in *Journal of Peasant Studies* (forthcoming)

### Mythili G.

Mythili, G "Does Acreage Response underestimate Farm Supply Response: An Evidence from Indian Agriculture," Monograph, LAP Lambert Academic Publishing, Saarbrucken, Germany, 2010

Mythili G. and Shibashish Mukherjee "Examining Environmental Kuznets Curve for River Effluents in India," *Environment, Development and Sustainability*, Springer, Volume 13, No. 3, 627-640, 2011

### Nachane D.M.

Nachane, D.M. India Development Report 2011 (edited); Introduction (Chapter 1) in IDR 2011

Nachane, D.M. (with A. Dubey) "The Vanishing Role of Money in the Macroeconomy : An Empirical Investigation for India" *Economic Modelling*, vol.28, p.859-869, 2011

Nachane, D.M. "Selected Problems in the Analysis of Nonstationary& Nonlinear Time Series" *Journal of Quantitative Economics*, Vol. 9 (1), Jan. 2011



## Faculty Research Publications

Nachane, D.M. "Capital Management Techniques for Financial stability and Growth" *Economic & Political Weekly*, November 13, 2010

### Nagaraj R.

Nagaraj, R. "Outward FDI from China and India: A Preliminary Comparison," paper revised for publication in a volume edited by Amiya Bagchi and Anthony D'Costa

Nagaraj, R. "Growth in Organised Manufacturing Employment: A Comment," *Economic and Political Weekly*, March 19-25, 2011

Nagaraj, R. "Patterns of Growth and Development of Indian Industry," a paper for a volume edited by C P Chandrasekhar, for the ICSSR

Nagaraj, R. Draft paper on comparing evolution of labor markets in China and India, for IRMA-IDRC project

### Pal Rupayan

Rupayan Pal "The Relative Impacts of Banking, Infrastructure and Labour on Industrial Growth: Evidence from Indian States," *Macroeconomics and Finance in Emerging Market Economies*, Routledge, Vol. 4, No. 1, pp. 101-124, 2011

Rupayan Pal "Delegation and Emission Tax in a Differentiated Oligopoly" *The Manchester School*, Wiley-Blackwell (forthcoming)

R. N. Bhattacharya and Rupayan Pal "Environmental Standards as Strategic Outcomes: A Simple Model," *Resource and Energy Economics*, Elsevier, Vol. 32, No. 3, pp. 408-420, 2010

Rupayan Pal "Impact of Communist Parties on the Individual Decision to Join Trade Union: Evidence from India", *The Developing Economies*, Wiley-Blackwell, Vol. 48, No. 4, pp. 496-528, 2010

Rupayan Pal "Technology Adoption in a Differentiated Duopoly: Cournot versus Bertrand", *Research in Economics*, Elsevier, Vol. 64, No. 2, pp. 128-, 2010

Kshitija Dixit and Rupayan Pal "The Impact of Group Incentives on Performance of Small Firms: Hausman-Taylor Estimates," *Managerial and Decision Economics*, Wiley-Blackwell, Vol 31, No. 6, pp. 403-414, 2010

Rupayan Pal and Bibhas Saha 2011 "Mixed Duopoly and Environment", IGIDR-WP-2011-005, 2011

Rupayan Pal and Bibhas Saha "Does partial privatization improve the environment"? IGIDR-WP-2010-018, 2010

Rupayan Pal and Bibhas Saha "Entry Threats and Inefficiency in 'Efficient Bargaining,'" IGIDR-WP-2010-016, 2010



## Faculty Research Publications

Rupayan Pal “How Much Should You Own? Cross-Ownership and Privatization,” IGIDR-WP-2010-015, 2010

### Pandey Vijay Laxmi

Vijay Laxmi Pandey and S. K. Sharma, “Determinants of adoption of Virus Management Technology in papaya cultivation,” *Journal of Quantitative Economics*, Vol. 8 (2), pp. 159-164, 2010

Vijay Laxmi Pandey, “Interlinking of onion production and marketing: a case study of onion contract farming,” *Indian Journal of Agricultural Marketing*, Vol 24 (3), Sept-Dec 2010

### Ray Shovan

Shovan Ray (Editor), *Backwaters of Development: Six Deprived States of India*, Oxford University Press, 2010

Shovan Ray, “Overview,” in Shovan Ray (Editor), *Backwaters of Development: Six Deprived States of India*, Oxford University Press, 2010

Kausik Chaudhuri and Shovan Ray, “Growth and Human Development: A Comparison Between Selected States,” in Shovan Ray (Editor), *Backwaters of Development: Six Deprived States of India*, Oxford University Press, 2010

Shovan Ray, “Education for Development: India and East Asia,” CRES Visiting Scholars’ Papers Series, Korea Institute for International Economic Policy, Heungchong Kim (Editor), Seoul, South Korea, June 2011

Shovan Ray, “Education for Development: India and East Asia,” Working Paper, Korea Institute for International Economic Policy (KIEP), Seoul, South Korea, June 2010

### Reddy Sudhakara B

Sudhakara Reddy B. and Binay Kumar Ray, Decomposition of energy consumption and energy intensity in Indian manufacturing industries, *Energy for Sustainable Development*, Vol 14, pp 35-47, 2010

Balachandra, P. Hippy Salk Nathan and B. Sudhakara Reddy, Commercialisation of Sustainable Energy Technologies, *Renewable Energy*, Vol 35, pp 1842-1851, 2010

Hippy Salk Kristle Nathan and B. Sudhakara Reddy, Criteria selection framework for sustainable development indicators, *Int. J. Multicriteria Decision Making* (forthcoming)

Hippy Salk Kristle Nathan and B. Sudhakara Reddy, A conceptual framework for the development of sustainable development indicators for an urban setup,” *International Journal of Sustainable Development*, (forthcoming)



## Faculty Research Publications

Sudhakara Reddy B. and Hippu Salk Kristle Nathan, Emerging Energy insecurity—the Indian Dimension, IDR, 2010

Sudhakara Reddy B. and P. Balachandra, Dynamics of Urban Mobility: A Comparative analysis of megacities of India, WP-2010-023, 2010

Sudhakara Reddy B. and Hippu Salk Kristle Nathan, Energy Infrastructure for a high humane and low carbon future, WP-2010-007, 2010

### Sarkar Jayati

Jayati Sarkar and Raja Kali “Diversification and Tunneling: Evidence from Indian Business Groups”, *Journal of Comparative Economics*, (forthcoming)

Jayati Sarkar “Business groups in India” in Colpan, Asli M., Hikino, Takashi, Lincoln, James R. (Eds.), *The Oxford Handbook of Business Groups*, Oxford University Press, 2010

### Sarkar Shubhro

Sarkar, Shubhro and K. Chaudhuri “Introducing Identity Revelation and Cheap Talk in a Public Goods Contribution Game with Cost Reduction: An Experiment” Working Paper (forthcoming).

### Sharma Vinod K

Vinod K. Sharma, “Social Dimension of Bioenergy Development in India,” in Amaresh Chakrabarty, et al. (eds.) *Designing Sustainable Products, Services and Manufacturing Systems*, published by Research Publishing Services, Singapore, 2010

Vinod K. Sharma “Investigation of pilot study results in India using ERIA’s Sustainability Assessment Method of biomass utilization and upgrading the assessment method in social aspect” (edited by WG of ERIA), published by AIST and ERIA, 2011 (forthcoming)

Vinod K. Sharma (Editor) “International Symposium on a Sustainable Future-2010” (ISSF-2010), Proceedings of ISSF-2010, organized by IGIDR, January 11-14, 2010

Vinod K. Sharma (Co-Editor): Policy Report on search on “Impact Assessment of Biomass Utilisation in East Asia: Estimation of Economic, Environmental and Social Impacts of Bioenergy at the State and Province Levels” – a multi-country joint research project of AIST, Japan and ERIA, Indonesia, published by ERIA, 2011 (forthcoming)

Vinod K. Sharma, “Environmental Challenges of Development Strategies in India” in D.M. Nachane (eds.) *India Development Report*, IGIDR and Oxford University Press (forthcoming)

Vinod K. Sharma, “Sustainable Development: Principles and Challenges in Developing Economies,” *International Journal for Sustainable Innovations*, Vol.1, No.1, January, 2011



## Faculty Research Publications

### Srinivasan Naveen

Srinivasan Naveen, Ramachandran M. and Sudhanshu Kumar “Monetary Policy in a low Inflation Environment: Is there evidence for Opportunistic Behaviour?” (with M. Ramachandran and Sudhanshu Kumar), *Journal of Quantitative Economics*, New Series Vol. 8 (2), pp. 4-19, July 2010

Srinivasan Naveen and Patrick Minford “Ruling out unstable equilibria in New Keynesian models”, *Economics Letters* (Forthcoming)

### Suryanarayana M. H.

Suryanarayana, M.H. “Brunei Darussalam - Millennium Development Goals and Beyond,” *Department of Economic Planning and Development*, Prime Minister’s Office, Bandar Seri Begawan

Suryanarayana, M.H “Statistical System in Brunei Darussalam: An Evaluation,” *Department of Economic Planning and Development*, Prime Minister’s Office, Bandar Seri Begawan

Suryanarayana, M.H “National Development Plan of Brunei Darussalam: An Evaluation,” *Department of Economic Planning and Development*, Prime Minister’s Office, Bandar Seri Begawan

Suryanarayana, M.H, Ankush Agrawal and Seeta Prabhu, “Inequality-adjusted Human Development Index: States in India” paper prepared for the Planning Commission in response to a request from the UNDP for mainstreaming the policy imperatives in to the formulation of the XII Five Year Plan, 2011

Suryanarayana, M.H “Deprivation: Profiles and Policy Imperatives”, Chapter for *Economic Survey 2010-2011* of Government of Karnataka (with S. Chandrasekhar), 2011

Suryanarayana, M.H, “Redefining Poverty Line: Catastrophic Health Expenses, Morbidity and Implications”, in Somayajulu, U.V., C.P. Prakasam, N. Audinarayana and K.E.Vaidyanathan (eds.) *Health, Poverty and Human Development: Perspectives and Issues*, Global Research Publications, New Delhi, pp. 3-29, 2011

Suryanarayana, M.H, Food Security, Poverty and Health Status in India: An Outcome Evaluation Perspective”, in Somayajulu, U.V., C.P. Prakasam, N. Audinarayana and K.E.Vaidyanathan (eds.) *Health, Poverty and Human Development: Perspectives and Issues*, Global Research Publications, New Delhi, pp. 121-151, 2011

Suryanarayana, M.H, and S. Chandrasekhar, “Education for All in India: Achievements and Impediments,” 2011

Suryanarayana, M.H, “Food Security: Institutional Capacity for Information and Policy” (Paper prepared and submitted to the Sub-Group-6 of Committee on Statistics of Agriculture and Allied Sectors, National Accounts Division, Central Statistical Office, Ministry of Statistics and Programme Implementation, Government of India, 2011



## Faculty Research Publications

### Thomas Susan

Susan Thomas, "Call auctions: A solution to some puzzles of Indian securities markets," WP-2010-006, June 2010

Rohini Grover and Susan Thomas, "Liquidity considerations in estimating implied volatility," WP-2011-006, March 2011

Renuka Sane and Susan Thomas, "A policy response to the Indian micro-finance crisis," WP-2011-007, March 2011

### Veeramani C.

Veeramani C. and Gordhan Kumar Saini, "Impact of ASEAN-India Preferential Trade Agreement on Plantation Commodities: A Simulation Analysis" *Economic and Political Weekly*, Vol XLVI, No. 10, March 5, 2011

Veeramani C. "Can India Become a Manufacturing Powerhouse too" *East Asia Forum Quarterly*, Vol 2, No. 2, ANU E Press, Australian National University, April-June 2010

Veeramani C. and Gordhan K Saini, "India's Export Sophistication in a Comparative Perspective", in D M Nachane (ed.) *India Development Report 2010*, Oxford University Press, New Delhi (forthcoming), 2011

Veeramani C. and Gordhan K Saini "India's Agricultural Exports: Sources of Growth and Relative Sophistication" in Bandi Kamaiah (ed.) *Festschrift in honor of Professor Dilip Nachane*, ICFAI University Press, Hyderabad, 2010

Veeramani C. "India and China Trade Patterns: A Comparative Perspective," in S V Raju (ed) *India-China Relations: Challenges and Opportunities*, Nehru Centre, Mumbai, 2011

### Yedla Sudhakar

Yedla, Sudhakar, and Ram M. Shrestha, "Application of Analytic Hierarchy Process to the Prioritization of Transport Options – Comparative Analysis of Group Aggregation Methods" *International Journal of Environmental Policy and Decision making*, Inderscience Publishers, (in press)

Yedla, Sudhakar, "Decision Making in Environmental Management - Prioritization of Strategies for the Replication of Dhaka's Community-based Decentralized Composting Model using AHP", *Waste Management Research*, Top ranked International Journal published by International Society for Solid Waste Management (ISWA), USA (in press), first published on August 10, 2010, as doi:10.1177/0734242x10380116

Krishna Chaitanya T. and Sudhakar Yedla, "Adsorption of Hexa-valent Chromium Using Treated Wood Charcoal Elucidation of Rate-limiting Process", *Environmental Technology*, UK, Vol. 31 No (14) pp:1495-1505, 2010



## Faculty Research Publications

Yedla, Sudhakar, “Dynamics of Environmental Problems – Why are the Issues Unique in the Developing Cities of Asia, *Civil Arena*, an official magazine of the Civil Engineering Association (CEA), National Institute of Technology (NIT), Warangal, India, pp-29-31, April 2010

Yedla, Sudhakar and Anil Kr. Dikshit, “Competitive Sorption of Pesticides onto Treated Wood Charcoal and the Effect of Organic and Inorganic Parameters on Adsorption Capacity,” *Journal of Environmental Engineering*, ASCE, Vol. 136, No.10, pp. 1096-1104, 2010

Yedla, Sudhakar “Climate Change Mitigation Initiatives in Urban Transportation – Strategies to Promote Non-Motorized Modes of Transportation”, *Evaluating Climate Change and Development*, Published by Global Environment Facility (GEF) Evaluation Office, The World Bank, Washington, D.C. 2010

Yedla, Sudhakar ‘Mainstreaming Climate Change and Greening Concerns into the National Development Objectives: Issues of Governance at Different Levels,’ Proc. Second Yale-UNITAR Conference on Environmental Governance and Democracy - Strengthening Institutions to Address Climate Change and Foster a Green Economy, Yale University, USA, September 17-19, 2010



# Visiting Students and Scholars Program

## Visiting Students Program for the year 2010/2011

Name of Student	Topic of Research	Facilitator
Karunamay Pathak	Dynamic Relationship between interest rate and Inflation: Indian Experience	Dr. R. Krishnan
Geetika Saini	Public Health Expenditure in India	Dr. M. H. Suryanarayana
Anjana Thampi	Monitoring Imports of Sensitive items : A Case Study	Dr. Nirmal Sengupta
Shashwat Siddhant	The Bihar Growth Story : Substantial or Surgically modified	Dr. R. Nagaraj
Qamar Alam	To Study and explore Education and Gender aspects in Low Income strata in Urban Area (In the light of Muslim Community)	Dr. Shovan Ray
Kavita H.M.	Food Security in India	Dr. M. H. Suryanarayana
Ankit Gupta	Estimating Banking Performance by DEA method: Case Study of Indian Commercial Banks	Dr. Shubhro Sarkar
Siddhartha Ghose	Social Transfer Schemes and Financial Inclusion	Dr. Sripad Motiram
<b>Visiting Scholar Programme for the year 2010/2011</b>		
Archana Kesarwani	Women Empowerment and Women's Health Related Outcomes	Dr. M.H. Suryanarayana





## Post Doctoral Fellowship

The Post-Doctoral Fellowship (PDF) Program has been instituted at IGIDR in 2008 as part of its outreach activities. Its objective is to support high quality research by scholars with a doctoral degree and an outstanding academic record.

Activities/Research Publications of Post Doctoral Fellows

### Durgesh Chandra Pathak

1. Comparative Analysis of impact of poverty lines being used by the Planning Commission and the one proposed by the Tendulkar Committee- (with Dr. Srijit Mishra)
2. First Things First! Breaking the Vicious Circle of Poverty: (under progress).

### Syam Prasad

#### Publication

Poverty among elderly in India, estimates and determinants by Syam Prasad in *Ageing & Society*, Cambridge press, London (Spring 2011)

Inequality among different Social Groups in India: Evidence from Consumption Levels by Syam Prasad Nirmal Roy VP & Sumalatha BS in *Journal of South Asian Studies*, in August 2011

#### Completed work

Who works at older ages? If their economic activity and temporal changes in their effects: Evidences from India.

Old age in India: measuring aspects of deprivation

#### Proposed work

Nutritional transition in India

Socio economic study of endosoulfan victims in Kasargod

### Altaf Hussain Kira

Cross-LoC Trade in Kashmir: Linkages beyond borders

Proposed work: Microfinance and Self Help Group Bank Linkage model in J&K



## Student Activities / Research Publications

### Tushar Agrawal

Presented the paper “Educational Inequality in India: An Examination” at the Global Conclave of Young Scholars of Indian Education, organized by the National University of Educational Planning and Administration, New Delhi, January 2011

Presented the paper “Returns to Education and Wage Discrimination in India” at the 52<sup>nd</sup> Annual Conference of the Indian Society of Labor Economics at Karnatak University, Dharwad, December 2010

Gave a seminar “Returns to Education and Labor Market Discrimination in India: An Examination” at Institute of Economic Growth, Delhi, July 2010

### Sarthak Gaurav

Ph.D. Scholar

### Research Publications

‘A Randomized Evaluation of the Impact of Financial Literacy on Rainfall Insurance Take-up in Gujarat’, Research Paper No.1, ILO Microinsurance Innovation Facility, 2010 (with Shawn Cole and Jeremy Tobacman)

‘Marketing Complex Financial. Products in Emerging Markets: Evidence from Rainfall Insurance in India’, BASIS-AMA Paper, 2010 (with Shawn Cole and Jeremy Tobacman)

‘Marketing Complex Financial. Products in Emerging Markets: Evidence from Rainfall Insurance in India’, BASIS-AMA Paper, 2010 (with Shawn Cole and Jeremy Tobacman) (Revised and Resubmit, Journal of Marketing Research)

‘An Inquiry into the Financial Literacy and Cognitive Ability of Farmers: Evidence from Rural India’ (Revised and Resubmit, Oxford Development Studies; with Ashish Singh)

### Fellowships and Awards

Visiting Doctoral Scholar at Wharton School, University of Pennsylvania, USAID-BASIS/MIT-JPAL (Spring 2011 Term)

Principal Investigator, ILO Microinsurance Innovation Facility Research Grant, Round 3 (2011) -10000 USD

Young Scientists’ Summer Program (YSSP) Fellow, International Institute for Applied Systems Analysis (IIASA) (2010)



## Student Research Topics (Ongoing)

Sr. No.	Name of Student	Thesis Topic	Supervisor/ Guide	Committee Members
<b>2002-03 (Ph.D.)</b>				
1.	Jayashree Saha	A Study of the Related Party Transactions in the Indian Corporate Sector	Subrata Sarkar Jayati Sarkar	Bibhas Saha
<b>2004-05 (Ph.D.)</b>				
2.	Hippu Salk Nathan	Urban Resource Dynamics – A case Study of Mumbai, India”	Sudhakara Reddy	T. Srinivas Srijit Mishra
<b>2007-08 (M.Phil)</b>				
3.	Priya Rampal	An Analysis of Food Consumption Patterns in India	Srijit Mishra	
<b>2007-08 (Ph.D)</b>				
4.	Ashish Singh	Inequality of Opportunity in India		Sripad Motiram
5.	Anusha	Analysis of Business Cycles in India	D.M. Nachane	Ashima Goyal B.K. Sahu
<b>2008-09 (Ph.D.)</b>				
6.	Khajimang Mate	Border Trade and its Impact on Livelihood: Analysis Based on a Town CGE Model for Moreh Town in Manipur	C. Veeramani Ganesh-Kumar A	Sripad Motiram
7.	Sudhanshu Kumar	Essays in Applied Macroeconomics	Naveen Srinivasan	D.M. Nachane M. Ramachandran
8.	Sarthak Gaurav	Risk and Vulnerability of Agricultural Households in India	Srijit Mishra	Shawn Cole
9.	Shruti Tripathi	Understanding the Macroeconomic DSGE framework	Ashima Goyal	Subrata Sarkar R.B. Barman
10.	Amlendu Dubey	Three Essays on the Time-Scale Modeling of Financial Risk	D. M. Nachane	Ashima Goyal Errol D'Souza
11.	Dhritisree Sarkar	Essays on Feminisation of Poverty and Women Empowerment in India	Jayati Sarkar	
12.	Jugnu Ansari	Monetary Policy Transmission and Interest Rate Pass-Through	Ashima Goyal	
<b>2008-09 (External Ph.D.)</b>				
13.	Nitin Harak	Economics of India's Climate Policy	P. G. Babu G. Mythili	A Ganesh Kumar
14.	Prasad Jagadale	Performance of Mutual Funda	Susan Thomas	
<b>2008-09 (M.Phil)</b>				
15.	Runu Bhakta	“Impact and Sustainability of the Community Based Organizations”	Srijit Mishra	
16.	Sanjay K. Prasad	A Study on Bayesian Analytical Techniques for Bankruptcy Prediction	Subrata Sarkar	
17.	Tirtha Chatterjee	Quantifying the Impact of Sanitary and Phytosanitary Measures: A Study on Indian Agricultural Exports	A. Ganesh Kumar	
18.	Bhaskar R Karmakar	Comparative Assessment of Efficiency Analysis Techniques	Subrata Sarkar	

**Student Research Topics (Ongoing)**

Sr. No.	Name of Student	Thesis Topic	Supervisor/ Guide	Committee Members
19.	Sandhya Garg	Mahatma Gandhi Rural Employment Guarantee Act: Coverage, Requirement and Provisions	M.H. Suryanarayana	
<b>2009-10 (Ph.D)</b>				
20.	Sanchit Arora	Monetary and Fiscal Policy Interaction in India: An SVECM Analysis*	Ashima Goyal	
21.	Rohini Grover	Construction of Volatility Index for India	Susan Thomas	
22.	Rajat Tayal	Essays in market liquidity: An empirical investigation of the limit order book of NSE	Susan Thomas	
23.	Nidhi Aggarwal	The Case of single stock futures in India	Susan Thomas	
24.	Tushar Agrawal	Essays on Education in India	Sripad Motiram S. Chandrasekhar	
25.	Aditi Chaubal	Essays on NonLinear Time Series and its applications	D.M. Nachane	
26.	Vikash Gautam	Firm Investment Behaviour and Finance Constraint	Rajendra Vaidya	A. Ganesh Kumar S. Chandrasekhar
27.	Nirupam Datta	Conservation Agriculture in India : An Exploration of some issues	Vijay Laxmi Pandey S. Chandrasekhar	
<b>2009-10 (M.Phil)</b>				
28.	Samgyna Shamasunder	Proliferation of Telecommunication FTA: A Trend towards Harmonization or Spaghetti Bowl Scenario	Nirmal Sengupta	
29.	Ajay Sharma	Essays on Multidimensional Competition for Investment Capital	Rupayan Pal	
30.	Arun Kumar Kaushik	Political Fragmentation, Growth and Public Sector Efficiency: Evidence from in india	Rupayan Pal	
31.	Kaushik R. Chowdhury	Investigating motives behind mergers and acquisitions in India	Subrata Sarkar Shubhro Sarkar	
<b>2010-11 (Ph.D)</b>				
32.	Andaleeb Rahman	Essays in Agricultural Market and Prices	S. Chandrasekhar Shubhro Sarkar	Vijaylaxmi Pandey
33.	Kiran Limaye	Issues in Housing Situation in Mumbai Metropolitan Region	Srijit Mishra	
34.	D. Suganthi	Analysing the Impact of High Value Commodity Marketing Chains on Farmers in India	S. Mahendra Dev Vijay Laxmi Pandey	Sripad Motiram
35.	Rishi Kumar	Issues in Poverty in Rural India	Srijit Mishra	



## Student Batch 2010-2011

### M.Phil / Ph.D. Students – 2010

- 1 Lakshmi Srinivasan
- 2 Mousumi Das
- 3 Pankaj Kumar
- 4 Pratik Mitra
- 5 Purna Banerjee
- 6 Rahul S. Sapkal
- 7 Satyendra Kumar
- 8 Shivangi Chandel
- 9 Sowmya Dhanaraj
- 10 Vikash Vaibhav
- 11 D. Suganthi – Ph.D.
- 12 Andaleeb Rahman – Ph.D.
- 13 Kiran Limaye- Ph.D.
- 14 Rishi Kumar – Ph.D.
- 15 Prachi Gupta – Ph.D.
- 16 Upasak Das – Ph.D.
- 17 Ritika Jain – Ph.D.

### External Ph.D. Students – 2010

- 1 Jignesh P Raval
- 2 Kapil Narula
- 3 Mamta
- 4 Shikha Juyal
- 5 Vaidya Nathan K.

### M.Phil Students – 2009

- 1 Kaushik Roy Chowdhury
- 2 Arun Kumar Kaushik
- 3 Ajay Sharma
- 4 Shekhar Prasad
- 5 Sanchit Arora – Ph.D.
- 6 Rajat Tayal - Ph.D.
- 7 Rohini Grover - Ph.D.
- 8 Nidhi Agarwal - Ph.D.
- 9 Aditi Chaubal - Ph.D.
- 10 Vikash Gautam - Ph.D.
- 11 Nirupam Datta - Ph.D.

### M/Sc. (2<sup>nd</sup> Year) – 2009

- 1 Divya Pachisia
- 2 Nayantara Sarma
- 3 Mudita Vaish
- 4 Madhav Kumar
- 5 Nititka Choudhary

- 6 Arushi Wanchoo
- 7 Chetna Jain
- 8 Aditi Agarwal
- 9 Ruthi Paununmuang
- 10 Akashkumar Baikar
- 11 Ritika Chhabra
- 12 Pranav Sidhwani
- 13 Amit Kumar Maurya
- 14 Kriti Sharma
- 15 Abhimanyu Dadu
- 16 Shashwat Khanna
- 17 Aditya Jagati
- 18 Shreya
- 19 Esha Dilip Basole
- 20 Heena Kapoor
- 21 Sudeshna Sen
- 22 Ritika Palit
- 23 Ashim Goyal
- 24 Kumar Kishlay
- 25 Vaishnavi

### M.Sc. (1<sup>st</sup> Year) – 2010

- 1 Ahana Ajit Rao
- 2 Aman Bhardwaj
- 3 Anushruti
- 4 Arghyadeep Halder
- 5 Ashank Chandra
- 6 Debapriya Das
- 7 Garima Dhir
- 8 Geetika Chhabra
- 9 Isha Agarwal
- 10 Kinnary R. Desai
- 11 Manjunath N
- 12 Mitali Chatterjee
- 13 Nidhi Sharma
- 14 Nikita Gupta
- 15 Ramkumar
- 16 Ranbir Singh Kochar
- 17 Ritesh Kumar Jain
- 18 Rohit Sohanlal
- 19 Shreyes Upadhyay
- 20 Smit S Gade
- 21 Srinivasan M
- 22 Tuithung Shinmi
- 23 Parth Khare



## Placement Cell

IGIDR has a full fledged on-campus placement program. The placement process is being coordinated by the Dean, Students Welfare, who is supported by the faculty and student members of the placement committee. The placement committee provides a platform for students seeking recruitments to interact with possible recruiters on campus. The placement committee cordially invites corporate firms, banks, research organizations, government institutions and non-government institutions to be a part of the placement process at IGIDR. Many reputed companies have been visiting the campus to recruit students to meet the increasing demand for their research, business intelligence and analytics support groups. Some of them are ICICI bank, Diamond, ANZ, HSBC, Deloitte, IFMR and HDFC. Since its inception in 2004, the placement cell has successfully maintained a 100 per cent placement record. A summer placement programme (May-July) aimed at internships for the first year M.Sc students is also organized by the placement cell. This also has a 100 per cent placement record by the end of the academic year. The average salaries offered to IGIDR students during the placement week in December 2010 was nine lakh per annum.

### List of students placed during placement week – December 2010

	<b>Name</b>	<b>Designation</b>	<b>Company</b>
1.	Divya Pachisia	Analyst	Diamond
2.	Nayantara Sarma	Analyst	Diamond
3.	Mudita Vaish	Analyst	Diamond
4.	Madhav Kumar	Sr. Analyst	Fractal
5.	Nikita Choudhary	Associate Analyst	HSBC Analytics
6.	Arushi Wanchoo	Management Trainee	ICICI
7.	Chetna Jain	Associate Analyst	HSBC Analytics
8.	Aditi Agarwal	Associate Analyst	HSBC Analytics
9.	Ritika Chhabra	Associate Analyst	HSBC Equity
10.	Pranav Sidhwani	Management Trainee	ICICI
11.	Kriti Sharma	Management Trainee	ICICI
12.	Abhimanyu Dadu	Management Trainee	ICICI
13.	Shashwat Khanna	Associate Analyst	HSBC Analytics
14.	Aditya Jagati	Management Trainee	ICICI
15.	Shreya	Assistant Manager	Deloitte
16.	Ashim Goyal	Analyst	Diamond
17.	Heena Kapoor	Sr. Analyst	Fractal
18.	Sudeshna Sen	Assistant Manager	Deloitte
19.	Esha Dilip Basole	Analyst	Diamond



## Visitors and Seminars

28.4.2010	Dr. Gautam Sen, Director, Global Vectra Helicorp Ltd of Mumbai and Special Overseas Adviser to the Convenor of the HDAS, Swami Dayananda Saraswati. spoke on "The Forthcoming British General Elections of 6 <sup>th</sup> May"
8,11-12.2.2010	Prof. Sharad Varde gave block seminar on "Design of Experiments"
12,15-16.2.2010	Prof. Sharad Varde gave a block seminar on "Multivariate Analysis"
7.5.2010	Dr. Durgesh Chandra Pathak, spoke on "Alice in UP-Land: Exploring Poverty in Uttar Pradesh"
22-23.6.2010	Prof. Lars Osberg from the Department of Economics at Dalhousie University gave a block seminar on "Measures of Poverty and Insecurity"
20.7.2010	Dr. Jean-Frederic Levesque, University of Montreal, Canada, spoke on "Expanded measures of morbidity"
28.7.2010	Prof. Kunal Sen, University of Manchester, spoke on "Trade openness, labour institutions and flexibilisation: Theory and evidence from India"
14.9.2010	Prof. Avanidhar Subrahmanyam, Goldyne and Irwin Hearsh Chair in Finance, UCLA, spoke on "Sentiment and Momentum" and "Investor naivete in financial markets"
20.8.2010	Dr. Ravi Kanbur, Cornell Univeristy spoke on "Middlemen, Non-Profits and Poverty"
24.9.2010	Dr. Aashish Mehta, University of California-Santa Barbara spoke on, "Distribution and pilferage of subsidized food when quality is endogenous: Theory and Evidence from the Philippines"
29.09.2010	Ms. Sonali DeSouza; International Business Development, Wolfram Research, Inc., spoke on "Overview of Mathematica for Education and Research"
18.10.2010	Dr. Ashok Gulati, Director, IFPRI- Asia, spoke on "Indian Agriculture: Emerging Trends and Business Opportunities"
19-20.10.2010	As part of the research methodology course Professor D Narayana gave two lectures on "Price Indices in National Accounting and "Measuring Government Output"
22.10.2010	Dr. Lakshmi K Raut, Economist, Social Security Administration, spoke on "Inter-generational Long Term Effects of Preschool -Structural Estimates from a Discrete Dynamic Programming Model", paper jointly with Nobel Laureate James J. Heckman
1.11.2010	Dr. Abdul Abiad and Prachi Mishra, IMF, spoke on "Do Financial Crises Have Lasting Effects on Trade?"
1,4,8,22.11.2010	As part of the research methodology course Dr. Sharad Varde, gave a total of eight lectures. Three lectures on 'Design of Experiments', two lectures on 'Sampling' and three lectures on 'Multivariate Analysis'
17.11.2010	Dr. Amit Bubna, ISB Hyderabad, spoke on "Bank Involvement in Firm Management, a Panacea or a Pain?"
24.11.2010	Ms Anika Trebbin, Philipps University Marburg, spoke on "Private governance structures in agri-food networks"



## Visitors and Seminars

8.12.2010	Bijan J. Borah, Mayo College of Medicine, "Assessing the Impact of High Deductible Health Plan on Healthcare Utilization and Cost: A Changes-in-Changes Approach"
12.12.2010	Dr. R. Ramanathan, Nottingham University, UK, spoke on "Environmental and operational issues in UK manufacturing"
20.12.2010	Research Methodology course by Dr. Amar Jesani. Gave two lectures on "Ethics in research/Research bioethics"
12.01.2011	Dr. Luigi Franzoni, Professor of Economics, University of Bologna; Director, European Doctoral Program in Law and Economics and Erasmus Mundus Visiting Professor, IGIDR, "Research Spillovers and Exclusive IP Rights"
13-14.1.2010	Dr. Luigi Franzoni, Lectures on Tax Evasion
21.01.2011	Prof. Sanjay Reddy, Associate Professor, Department of Economics, New School for Social Research, New York, "The Poverty Debate in India and in the World: A Connection"
27.01.2011	Prof. Asha Sundaram, Assistant Professor, University of Cape Town, "The Impact of Trade Liberalization on Micro Enterprises: Do Banks Matter? Evidence from Indian Manufacturing"
28.01.2011	Prof. Robert McCaa, Professor of Population History, Ambassador, IPUMS International, Minnesota Population Center, "Details of the IPUMS Database"
02.02.2011	Dr. Sandip Sukthantar, Assistant Professor, Dartmouth College, New Hampshire, USA Title: The Marginal Rate of Corruption in Public Programs (joint with Paul Niehaus)
09-02-2011	Prof. Ajit Sinha, Visiting Fellow, IGIDR Title: A discussion on neoclassical and classical methodology
14-02-2011	Romeo Mathew Balanquit, Ph.D. student at Jawahar Lal Nehru University, New Delhi, "Self-Fulfilling Crisis: A Game Theoretic Approach"
02-03-2011	Prof. Pierre Garelo, Professor, Aix Marseille University, France; Erasmus Mundus Visiting Professor, IGIDR, "Orders and Organization"
03-03-2011	Prof. Pierre Garelo, Professor, Aix Marseille University, France; Erasmus Mundus Visiting Professor, IGIDR, "A short history of economic thought from Aristotle to present days"
10-03-2011	Prof. Bernhard Herz, Professor, Bayreuth University, Germany Title: The European Debt Crises: History, Causes and Perspectives"
11-03-2011	Prof. Vamsi Vakulabharanam, Reader, University of Hyderabad. Title: Does Class Count? Class Structure and Worsening Inequality in China and India
24-03-2011	Prof. Vaidyanathan, IIM Bangalore, "Indian Growth: The Untold Story"



## Library and Information Services



The IGIDR library is rapidly building up to be one of the leading professional research and reference libraries in the country. All bibliographic details of books, journals and CD-ROM databases are accessible through the campus-wide Ethernet network. The library has over **91,500** printed documents and it subscribes to over **460** national and international journals.

Some of the important CD-ROM and online databases subscribed by the library are:

- Census, 2001
- Comtrade
- Econlit
- EPW Annual Survey of Industries
- EPW State Domestic Products
- Global Development Finance
- Indiastat.com
- International Financial Statistics
- JSTOR
- Monthly Statistics of Foreign Trade
- National Sample Survey
- Oxford Uni Pr Journals [Economics]
- World Development Indicators
- UNIDO Industrial Statistics

It has established contacts with over 100 national and international organizations for exchange of the Institute's publications and inter-library loan arrangement. The institute library also has an account with BLDS under GDNET program to meet its inter-library loan requirements.



## Library and Information Services

The library homepage provides links to various websites, which are of importance to economists. Access to electronic journals, union catalogue of periodicals, library catalogue, journal holdings, current journals, etc have also been provided from this homepage. The recent inclusion on '**Indian Economy**' provides links to various internet resources related to Indian Economy.

IGIDR library has developed an online **Union catalogue** of journal holdings, the data for which comes from 18 major Business and Economics libraries of the country. The catalogue has provided a platform for sharing resources among libraries. Library under its online portal '**Open Index Initiative**' has developed a searchable database for index to articles published in Indian social science journals. The database contains about 75,000 records covering data of 10 years. (2000-2010)

The library has given due consideration to the most modern approach in the field of librarianship. The **Electronic Library** is about to bloom with an initial collection of 3000 documents and is accessible through the campus network. The Electronic library aims to collect articles, discussion/working papers, books, etc, which are available in public domain. It also intends to have in its collection the entire thesis submitted to the institute by M.Phil and PhD students. The library has developed the Institutional Repository '**Kautilya**' using open source software DSpace. This repository contains full text of the institute's working papers, abstract of theses submitted to IGIDR, proceedings of conferences organized at and by IGIDR.

### Library Staff Publications:

#### Conference Papers:

1. Manjunath, G K; Halijwale, Sangeeta and Pujar, S M  
Time-series analysis of journals subscription cost and its implications on subscription policy with reference to impact factor and citation pattern: A case study of IGIDR library. Presented at International Conference on Webometrics, Informetrics and Scientometrics, held at Mysore, India Oct 19-22, 2010.
2. Pujar, S.M, Manjunath, G.K. and Sangam, S.L  
Publication Productivity of Indira Gandhi Institute of Development Research: A Scientometric Study. Presented at International Conference on Webometrics, Informetrics and Scientometrics, held at Mysore, India Oct 19-22, 2010.

#### Book chapters/Journal articles:

1. Pujar, S.M, Open source software for libraries: Problems and prospects, In Dynamics of E- Resources of and Usage trends in Digital Era. Part-II, New Delhi, SSDN Publications, 2010. pp. 138-143
2. Salunkhe, M.M., Kamat, R.K and Pujar, S.M, Technology diffusion for e-Governance in higher education in India, *University News*, V.48 (45), 2010. pp.86-96
3. Munnolli, S.S., Pujar, S.M. and Kademani, B.S., Scientometric portrait of Nobel laureate Harald zur Hausen, *Annals of Library and Information Studies*, V.58 (1), 2011. pp. 70-77.



# Computer Facilities

The computer facilities at IGIDR include a state-of-the-art technology Computer Center (CC) with latest hardware, networking equipment, software and help desk facilities. The whole office campus is networked by Ethernet-based LAN on fiber optic segmented backbone and connected to Internet through 7 MBPS leased line. Important campus locations are also served by wireless network. In addition, the computing facility includes a computerized library system. The campus network has been extended to the residences of the employees.

## Hardware

The CC is equipped with high-end HP ITANIUM servers, HP NAS server, AMD OPETRON server and Intel Pentium based multimedia workstations, CISCO switches and routers for campus wide network connectivity. In addition to several HP Deskjet printers in the faculty and staff offices, the printing facilities also include high-speed Network HP Laser printers, in each office block including the CC. The CC also provides total backup solution for users data through various backup devices viz., DAT, CD/DVD writer, and LTO-2 tape drive, color scanners, visualizers and projectors have been provided to assist the users in creating and presenting multimedia presentations.

## Operating Systems and Software

The servers are powered LINUX, Windows Server Operating systems and the workstations are loaded with Linux (viz.,Ubuntu, Suse, Fedora,), Windows 7 / XP/ OS. The CC provides all standard Econometrics and Statistical packages such as SAS, RATS, CATS, GAUSS, STATA, LIMDEP, MATHEMATICA, MATLAB and GAMS,EVIEWS, MAPINFO under Unix/Linux and windows environments and office automation packages like OPEN OFFICE, MSOFFICE, LATEX,ADOBE ACROBAT under Unix/Linux and Windows environments.

In addition to the above software, the institute subscribes to corporate databases such as PROWESS, CAPITAL LINE, INDIASTAT.COM and various other national and international databases.

The CC conducts various training and orientation seminar/lectures on several computer related topics, software, databases and on new IT technologies implemented at the institute to enhance and upgrade the computer skills of the user community of IGIDR.

**Half Day nature trail program on August 14, 2010, to the Bombay Natural History Society**



**Independence Day (August 15, 2010): Students spread patriotic fervour**



Annual Day – January 29, 2011



**Eighth Convocation 2011 on January 17, 2011: Chief Guest: Prof. TCA Anant, Secretary & Chief Statistician of India, Min. of Statistics & Program Implementation**



**Eighth Convocation: Group photograph of the faculty**



Celebration after hardwork - Students throw hoods into the air at the Convocation



**Felicitation of the Guest of Honor Prof. Kirit S. Parikh by the Director, Prof. S. Mahendra Dev (IGIDR) – Conference to Honor Prof. Kirit S. Parikh (Founder Director of IGIDR) on the occasion of his 75<sup>th</sup> Birthday, October 26-27, 2010**



### Prof. Kirit Shantilal Parikh 75<sup>th</sup> Birthday Honor Conference



Group photograph with faculty and staff



Group photograph with students



Interactive session

### Christmas spirit on campus – spreading joy with carols







## Faculty and Areas of Interest

### Director

**S. Mahendra Dev**, Ph.D. (Economics), Delhi School of Economics  
*Development Economics, Agriculture, Food Security, Poverty, Employment*

### Emeritus Professor

**Nachane D.M.**, Ph.D (Economics) Bombay University, Mumbai  
*Econometrics, Macroeconomics, Development Economics, International Trade and Finance*

### Professors

**Ashima Goyal**, Ph.D. (Economics), University of Mumbai  
*Open economy Macroeconomics, International Finance, Institutional Economics, Development Economics*

**Babu P.G.**, Ph.D. (Economics), Indian Institute of Science, Bangalore  
*Economics of Information, Non-cooperative Game Theory, Environmental Economics, law and economics*

**Ganesh-Kumar A.**, Ph.D. (Economics), Indian Statistical Institute, Bangalore  
*Agricultural Economics, Applied General Equilibrium Modelling, Econometrics, Issues in International Trade and Finance*

**Manoj Panda**, Ph.D. (Economics), Indian Statistical Institute, New Delhi  
*Applied General Equilibrium, Environmental Economics, Issues in Poverty and Human Development*

**Nagaraj R.** Ph.D. (Economics), Jawaharlal Nehru University, New Delhi  
*Development Economics, Industrial Economics*

**Nirmal Sengupta**, Ph.D. (Statistics)  
Indian Statistical Institute, Calcutta & Delhi  
*Institutional Economics, Law and Economics, International Trade, Ecological Economics, Water Resources Management*

**Rajendra R. Vaidya**, Ph.D. (Economics), University of Poona  
*Industrial Economics, Macroeconomics and Corporate Finance*

**Ramaswamy K.V.**, Ph.D. (Economics), University of Delhi  
*Development Economics and Industrial Economics*

**Shovan Ray**, Ph.D. (Economics), University of Cambridge  
*Poverty, Human Development, Agriculture, Development Policy and Social Sector Issues*

**Subrata Sarkar**, Ph.D. (Economics), University of Southern California, USA  
*Applied Econometrics, Corporate finance, Corporate Governance, Risk Modelling, Productivity and Efficiency studies*

**Sudhakara Reddy B.**, Ph.D. (Energy Management), Indian Institute of Science, Bangalore  
*Energy Systems, Policy and Planning, Demand Side Management, Natural Resource Management, Renewable sources of energy,*

*forestry, urbanization and transport systems*

**Suryanarayana M.H.**, Ph.D. (Economics), Indian Statistical Institute, Kolkata  
*Development Economics, Econometrics, Consumer Demand Analysis*

**Vinod K Sharma**, Ph.D. (Environmental Engineering), Indian Institute of Technology, Bombay  
*Energy, Environment and Sustainable Development Issues*

### Associate Professors

**Chandrasekhar, S.** Ph.D. (Economics) Pennsylvania State University, USA  
*Development Economics and Applied Econometrics*

**Jayati Sarkar**, Ph.D. (Economics), University of Southern California, USA  
*Institutional Economics, Corporate Governance, Ownership and Performance studies*

**Krishnan R.**, Ph.D. (Economics), University of Mumbai  
*Applied time Series, Econometrics*

**Mythili, G.** Ph.D. (Economics), Department of Econometrics, University of Madras  
*Agricultural Economics, Environmental Economics, Economics of Uncertainty, Applied Econometrics*

**Naveen Kumar Srinivasan**, Ph.D. (Economics), Cardiff Business School, Cardiff University, UK  
*Monetary Theory and Policy*

**Rupayan Pal**, Ph.D. Indira Gandhi Institute of Development Research, Mumbai  
*Applied Microeconomic Theory (primary) and Econometric Applications (secondary). Application areas: Industrial Organization, Labor Economics, Environmental Economics, Public Economics and Finance & Development.*

**Srijit Mishra**, Ph.D. (Economics) Jawaharlal Nehru University (Centre for Development Studies, Thiruvananthapuram)  
*Development Studies, Public Health*

**Sripad Motiram**, Ph.D. (Economics) University of Southern California (from 29.10.07)  
*Development Economics, Applied Micro Economics*

**Sudhakar Yedla**, Ph.D. (Environmental Engineering), Indian Institute of Technology, Kharagpur  
*Environmental Technology, Economics of Environmental Degradation, Waste Management Policies, Urban Transportation*

**Vijay Laxmi Pandey**, Ph.D. (Agricultural Economics), G.B. Pant University of Agriculture & Technology  
*Agricultural Economics, Environmental Economics*

### Assistant Professors

**Shubhro Sarkar**, Ph.D. (Economics), Pennsylvania State University  
*Industrial Organisation, Applied Micro, Game Theory, Experimental Economics*

**Susan Thomas**, Ph.D. (Economics), University of Southern California, USA  
*Applied Econometrics, Finance*

**Veeramani, C.** Ph. D. (Economics), Jawaharlal Nehru University, (CDS Thiruvananthapuram)  
*International Trade, Industrial Economics*



## Appendix: Financial Statement

Details of income and expenditure during the year 2010-2011 are indicated below:

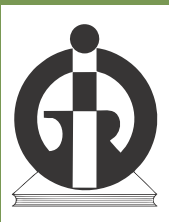
<b>Income</b>		<b>₹ in Lakh</b>
a) Contribution from Reserve Bank of India	1457.71	
b) Fees received from students	15.01	
c) Income from projects and consultancies	26.59	
d) Interest on bank deposits	3.62	
e) Miscellaneous receipts	<u>44.00</u>	<u>1546.93</u>
<b>Expenditure</b>		
<b>a) Revenue Expenditure</b>		
i) Salary and maintenance expenditure	1245.59	
ii) Library books and journals	158.87	<u>1404.46</u>
<b>b) Capital Expenditure</b>		
i) Computer system	10.93	
ii) Furniture/office equipment (net)	<u>131.54</u>	<u>142.47</u>
<b>Total of (a) and (b)</b>		<u><b>1546.93</b></u>





**Indira Gandhi Institute of Development Research**  
(A Deemed University)

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