

CDE-Swiss Re Workshop on Performance Measurement January 5-7, 2009

**Venue for January 5 & 6: Conference Room II, Main Building, India International Centre,
40, Max Muller Marg, New Delhi 110003**

Venue for January 7: Centre for Development Economics, Delhi School of Economics

<u>JANUARY 5, 2009</u>	
8:30 a.m. - 9:00 a.m.	Registration & Tea
9:00 a.m. - 9:30 a.m.	Welcome Remarks by Partha Sen , <i>Executive Director, CDE & Director, DSE</i>
Keynote Address I	Chair & Comments: Thijs ten Raa
9:30 a.m. - 10:30 a.m.	Subhash C. Ray " <i>Overview of Nonparametric Analysis</i> "
Invited Paper	Chair: Arun Bhattacharyya
10:30 a.m. - 11:00 a.m.	Jesus T. Pastor " <i>to be announced</i> "
11:00 a.m. - 11:15 a.m.	Tea Break
11:15 a.m. - 12:00 p.m.	Talks on Applications:
	Maniklal Adhikary " <i>Measuring Technical Efficiency in the</i>
	<i>Indian Automobile Industry</i> "
	Pushpa Trivedi " <i>Productivity & Efficiency in Organized</i>
	<i>Manufacturing Sector in India: Estimates from Alternative</i>
	<i>Methodologies</i> "
	Joyashree Roy " <i>to be announced</i> "
Keynote Address II	Chair & Comments: Finn R. Forsund
12:00 p.m. - 1:00 p.m.	Subal C. Kumbhakar " <i>Overview of the Parametric Approach to</i>
	<i>Efficiency Analysis</i> "
1:00 p.m. - 2:00 p.m.	Lunch
Keynote Address III	Chair & Comments: Subal C. Kumbhakar
2:00 p.m. - 3:00 p.m.	Finn R. Forsund " <i>Dynamic Analysis of Structural Change</i> "
Invited Paper	Chair: Joyashree Roy
3:00 p.m. - 3:30 p.m.	Bishwanath Goldar " <i>Analysis of Productivity Differences</i>
	<i>among Indian Industrial Firms, 1993-2002</i> "
3:30 p.m. - 3:45 p.m.	Tea Break
Panel Discussion	Moderator: Jesus T. Pastor
3:45 p.m. - 5:00 p.m.	Finn R. Forsund, Subash Ray, Subal Kumbhakar & Thijs ten Raa:
	" <i>On the Practice and Prospects of Efficiency Analysis</i> "

Invited Paper	Chair: Pushpa Trivedi
5:00 p.m. - 5:30 p.m.	Finn R. Forsund "A Public Sector Application of Efficiency Analysis "
<u>JANUARY 6, 2009</u>	
Keynote Address IV	Chair & Comments: Jesus T. Pastor
9:00 a.m. - 10:00 a.m.	Thjis ten Raa "Technical Efficiency and Optimal Organization of Industry"
	Chair: Abhiman Das
10:00 a.m. - 11:00 a.m.	Subhash C. Ray "DEA Methodology I"
11:00 a.m. - 11:15 a.m.	Tea Break
	Chair: Joyashree Roy
11:15 a.m. - 11:45 a.m.	K. L. Krishna "The KLEMS Project for India "
	Chair: Subrata Sarkar
11:45 a.m. - 1:00 p.m.	Subal C. Kumbhakar "SFA Methodology "
1:00 p.m. - 2:00 p.m.	Lunch
	Chair: Arun Bhattacharyya
2:00 p.m. - 3:00 p.m.	Subhash C. Ray "DEA Methodology II"
Invited Paper	Chair: Ana Lozano Vivas
3:00 p.m. - 3:30 p.m.	Arun Bhattacharyya "Stochastic Frontier Methodology for Improving Performance Measures and Targeting Approach in Pharmaceutical Industry"
3:30 p.m. - 3:45 p.m.	Tea Break
	Chair: Subal C. Kumbhakar
3:45 p.m. - 5:15 p.m.	Talks on Banking Applications:
	Abhiman Das "Semiparametric Approach to Bank Efficiency: Evidence from Branch Level Data "
	Subrata Sarkar "Partial Privatization and Bank Productivity: Evidence from India"
	Ana Lozano Vivas "to be announced"
5:15 p.m. - 5:30 p.m.	Closing Remarks

<u>JANUARY 7, 2009</u>	
9:00 a.m. - 10:30 a.m.	Lab Session by Subhash C. Ray "DEA on Excel Solver "
10:30 a.m. - 10:45 a.m.	Tea Break
11:00 a.m. - 12:15 p.m.	Lab Session by Subal C. Kumbhakar "SFA on Stata "
12:15 p.m. - 1:15 p.m.	Lunch
1:15 p.m. - 2:30 p.m.	Questions from Participants

Affiliation of Speakers:

Maniklal Adhikary, Professor, Burdwan University, West Bengal

Arun Bhattacharyya, Principal, Advanced Analytics, Wolters Kluwer Health,Pharma Solutions Group, NJ

Abhiman Das, Reserve Bank of India, Mumbai

Finn R. Forsund, Professor, University of Oslo, Norway

Bishwanath Goldar, Professor, Institute of Economic Growth, Delhi

K. L. Krishna, Professor, Centre for Development Economics, Delhi School of Economics, Delhi

Subal C. Kumbhakar, Distinguished Professor, State University of New York at Binghamton, NY

Jesus T. Pastor, Professor, Miguel Hernández University, Alicante, Spain

Thijs ten Raa, Associate Professor, Tilburg University, the Netherlands

Subhash C. Ray, Professor, University of Connecticut, Storrs, USA

Joyashree Roy, Professor, Jadavpur University, Kolkata

Subrata Sarkar, Professor, IGIDR, Mumbai

Pushpa Trivedi, Professor, Indian Institute of Technology Bombay

Ana Lozano Vivas, Professor, University of Malaga, Spain

Organized by: Centre for Development Economics, Delhi School of Economics in

association with Swiss Reinsurance Company Ltd., Singapore

Organizing Committee: Pami Dua, K. L. Krishna, Subal C. Kumbhakar & Subhash C. Ray