Quantitative Approaches to Public Policy –
Conference in Honour of Professor T. Krishna Kumar (QAPP-TKK)

Held in conjunction with the
Fourth Annual International Conference on Public Policy and Management
Indian Institute of Management Bangalore (IIMB)

9-12 August 2009

Coordinators: Sushanta K. Mallick, Srijit Mishra, Rajluxmi V. Murthy

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Programme Schedule

**Sunday 9 August 2009**

<table>
<thead>
<tr>
<th>18.00 to 20.00</th>
<th>Inaugural</th>
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<td>(Dr. Y. V. Reddy, Former Governor, RBI)</td>
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**Monday 10 August 2009**

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<thead>
<tr>
<th>9.00 to 10.15</th>
<th>Keynote-1</th>
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<tbody>
<tr>
<td>10:15 – 10:30 Tea/Coffee Break</td>
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<thead>
<tr>
<th>10:30 to 11.45</th>
<th>Honouring T. Krishna Kumar</th>
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<tbody>
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<td>Chair-cum-<strong>Inaugural address</strong>: V.M. Rao</td>
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**Quantitative Methods and Public Policy (A Professional Autobiographical Journey)**

T. Krishna Kumar

**Messages**: C.R. Rao, K.S. Krishnaswamy, K. Kalirajan and Others

**Speech by T. Krishna Kumar** (read by his brother Thomas K. Rao)

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<tr>
<th>11:45 – 12:00 Tea/Coffee Break</th>
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<th>12:00 to 13:15</th>
<th>Econometric Methodology</th>
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<td>Chair: R.S. Deshpande</td>
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**Selected Problems in the Analysis of Non-stationary & Nonlinear Time Series**

Dilip M. Nachane, Director, IGIDR Mumbai

**On the J-test for the Non-nested Hypotheses and a Bayesian Extension**

Moheb Ghali, Western Washington University, USA
John M. Krieg, Western Washington University, USA
K. Surekha Rao, Indiana University Northwest, USA

**Importance of Non-Parametric Density Estimation with Old Econometric Illustrations**

T. Krishna Kumar, Samkhya Analytica India Private Limited, Bangalore
Joseph Markmann, 66, Holke Road, Doyles Town, Pennsylvania, 18901, USA.

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<tr>
<th>13:15 – 14:30 Lunch</th>
</tr>
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</table>
Chair: T.V.S. Ramamohan Rao

**Best Execution of a Trade: An Adaptive Approximate Dynamic Programming Approach using Actor-Critic**
Paris Pennesi, RBS, London, UK
Gangadhar Darbha, RBS, London, UK

Keshab Bhattarai, University of Hull, UK

Global Oil Price Rise and Policy Options for the Indian Economy: An Analysis Using a CGE Model (*Abstract*, presented on 12th in the session on Theory and Practice)
Manoj Panda, CESS, Hyderabad
A. Ganesh-Kumar, IGIDR, Mumbai

**Policy Making in India for Rural Development: The Contextual Limits to Quantitative Approaches**
V. M. Rao, ISEC, Bengaluru

15:45 – 16:00 Tea/Coffee Break

Chair: Gopal Naik

**Securitization, Ratings, and Regulatory Practices**
T.V.S. Ramamohan Rao, IIT, Kanpur

**From the Great Moderation to Uncharted Territory: Analysis of the U.S. Recovery Packages**
Semoon Chang, University of South Alabama, USA

**Price Discovery and Volatility Spillovers in Futures and Spot Commodity Markets: Some Empirical Evidence from India**
Mantu Kumar Mahalik, IIT, Chennai
Debashis Acharya, University of Hyderabad, Hyderabad
Suresh Babu M., IIT, Chennai

**Export Intensity and Financial Policies of Indian Firms**
Elena Goldman, Pace University, USA
P.V. Viswanath, Pace University, USA

19:00 Dinner
Tuesday 11 August 2009 09:00 to 10.15  Keynote-2

10:15 – 10:30 Tea/Coffee Break

Tuesday 11 August 2009 10.30 to 11.45  Poverty and Nutrition

Chair:  K.N. Murty

Policies for the Poor: Verifying the Information Base?
M.H. Suryanarayana, IGIDR, Mumbai

Poverty and Under-nutrition among Scheduled Tribes in India: A Disaggregated Analysis
Amaresh Dubey, JNU, New Delhi

Determinants of Nutritional Status of Children in Rural India: NFHS 2005-06 Results (Abstract)
Prakriti Shukla, DSE, New Delhi
J.V. Meenakshi, DSE, New Delhi
Rekha Sharma, Sri Guru Gobind Singh College of Commerce, University of Delhi
Sanghamitra Das, ISI, New Delhi

Macroeconomic Policy and Poverty Reduction in India
Sushanta Mallick, Queen Mary, University of London, UK

Tuesday 11 August 2009 12.00 to 13.15  Gender and Governance

Chair:  Gita Sen

My Money but not My Time: Microcredit and Woman’s Time-Use, Evidence from Rural India
Supriya Garikipati, University of Liverpool, UK

Does Governance Improve with Globalisation? A Case Study of Village Level Institutions in Maharashtra, India
Dhanmanjiri Sathe, University of Pune

Census Based Accessibility Index: A Tool for Policy Initiatives Evaluation
Shailendra Singh Bisht, ICFAI Business School, Hyderabad
Vishal Mishra, ICFAI Business School, Hyderabad
Sanjay Fuloria, ICFAI Business School, Hyderabad

Gender Development Index: Two Corrections
Hippu Salk Kristle Nathan, IGIDR, Mumbai
Priya Rampal, IFMR, Chennai
Srijit Mishra, IGIDR, Mumbai

13:15 – 14:30 Lunch
Tuesday 11 August 2009  14.30 to 15.45  Trade, Infrastructure and Human Development

Chair: Kunal Sen

**Effect of Trade liberalization on Volatility: The Experience of Indian Agriculture**
Nilabja Ghosh, Institute of Economic Growth, New Delhi
Sangeeta Chakravarty, Institute of Economic Growth, New Delhi

**Performance of India’s Tea Exports: A Comparative Study of Major Tea Exporting Countries of The World**
B.H. Nagoor, Karnatak University, Dharwad

**Convergence of Human Development across Indian States**
Hiranmoy Roy, ICFAI Business School, Hyderabad
Kaushik Bhattacharjee, ICFAI Business School, Hyderabad

**Macro Economic Effects of Public Investment in Infrastructure in India**
K. N. Murty, University of Hyderabad, Hyderabad
A. Soumya, ICRIER, New Delhi

15:45 – 16:00 Tea/Coffee Break

Tuesday 11 August 2009  16.00 to 17.15  Indian Industry

Chair: Ashima Goyal

**Rain, Rain, Go Away: The Investment Climate, State Business Relations and Firm Performance in India**
Vinish Kathuria, IIT, Mumbai
Rajesh R. Natarajan, Centre for Multidisciplinary Research, Dharward
Kunal Sen, University of Manchester, UK

**Role of Management Decision Variables in Determining Technological Progress and Technical Efficiency in Indian Electronics Industry**
Rumki Majumdar, NCAER, New Delhi
M.H. Bala Subrahmany, Indian Institute of Science, Bengaluru

**Evaluating the Comparative Performance of District Head Quarters Hospitals, 2002-07: A Non-parametric Malmquist Approach**
Umakanta Dash, IIT, Chennai

**Price Structure of Housing Properties in India**
Ch. Sambasiva Rao, NCAER, New Delhi

19:00 Dinner
Wednesday 12 August 2009 09.00 to 10.15  Money and Banking

Chair: Mukul Asher

**Sustainable Debts and Deficits in Emerging Markets**
Ashima Goyal, IGIDR, Mumbai

**The Trends and Responsiveness of Personal Income Tax in India**
Ankita Gupta, M.G. Kashi Vidyapith, Varanasi

**Measurement of GVA in Indian Banks: Some Preliminary Results**
N.K. Unnikrishnan, RBI, Mumbai
Balwant Singh, RBI, Mumbai

**A Measure of Exchange Rate Volatility: Scenario Analysis of the Effect of RBI’s Intervention in the Indian Forex Market**
G. Nagaraju, NIBM, Pune

10:15 – 10:30 Tea/Coffee Break

Wednesday 12 August 2009 10.30 to 11.45  Theory and Practice

Chair: Rajluxmi V. Murthy

**On Modeling and Measuring Potential Trade**
Adil Khan Miankhel, ANU, Australia
Sandre Thangavelu, Singapore National University
Kaliappa Kalirajan, ANU, Australia

**Contract Labour Act in India: A Pragmatic View**
Meenakshi Rajeev, ISEC, Bengaluru

Weak Aversion to GM Foods: Experimental Evidence from India (Abstract)
Sangeeta Bansal, JNU, New Delhi
Sujoy Chakraborty, JNU, New Delhi
Bharat Ramaswami, ISI, New Delhi

**Counter Conflict through Mutuality: Lessons from Bayesian Updating**
Srijit Mishra, IGIDR, Mumbai

Wednesday 12 August 2009 12.00 to 13.15  Valedictory, 4CPPM

Vote of Thanks for the QAPP-TKK Track
Sushanta K. Mallick and Srijit Mishra

13:15 – 14:30 Lunch