

## CURRICULUM VITAE

### **PAMI DUA**

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#### EDUCATION

<i>Ph.D. Economics</i> , 1985	London School of Economics, University of London, England
<i>M.Sc. Economics</i> , 1981	London School of Economics, University of London, England <i>Distinction</i>
<i>B.A.(Hons) Economics</i> , 1978	Lady Shri Ram College, University of Delhi, India <i>First Division</i>

#### WORK EXPERIENCE

2010 -	<i>Head</i> , Department of Economics, Delhi School of Economics, University of Delhi, Delhi, India
2000 - date	<i>Professor</i> , Department of Economics, Delhi School of Economics, University of Delhi, Delhi, India
1996 - 2000	<i>Reader</i> , Department of Economics, Delhi School of Economics, University of Delhi, Delhi, India
1992 - 98	<i>Associate Professor</i> , Department of Economics, University of Connecticut, Stamford, Connecticut, USA.
1987 - 92	<i>Assistant Professor</i> , Department of Economics, University of Connecticut, Stamford, Connecticut, USA.
1986 - 87	<i>Lecturer</i> , Department of Economics, Wayne State University, Detroit, Michigan, USA.
1985	<i>Research Assistant</i> , City University Business School, London, England.
1981 - 85	<i>Teaching Assistant</i> , Department of Economics, London School of Economics, London, England

#### OTHER APPOINTMENTS

*Vice President*, The Indian Econometric Society, 2012-2013  
*Editor*, Indian Economic Review, 2000 to date  
*Senior Research Scholar*, Economic Cycle Research Institute, New York, USA, 1997 to date  
*Visiting Professor*, Dayalbagh Educational Institute, Agra, 2008.  
*Visiting Research Associate*, Center for International Business Cycle Research,  
Columbia Business School, Columbia University, New York, USA, 1994  
*Visiting Faculty Fellow*, Yale University, New Haven, Connecticut, USA, 1988-89, 1992-93.

#### TEACHING

##### Teaching Fields

Econometrics, Forecasting, Macroeconomics

#### RESEARCH

##### Research Fields

Time Series Econometrics, Forecasting, Macroeconometrics, Business Cycle Analysis

### **Unpublished Doctoral Dissertation**

“An Investigation into the Recent Behaviour of Nominal and Real Interest Rates in the U.K.,”  
1985, London School of Economics.

### **Refereed Journal Articles**

“Foreign Direct Investment and Technology Spillover: Evidence across Indian Manufacturing Industries”  
(with S.R. Behera and B. Goldar), Singapore Economic Review, Forthcoming.

“Synchronization of Recessions in Major Developed and Emerging Economies” (with A. Banerji),  
Margin – The Journal of Applied Economic Research, 2010, 4, 197-223.

“Determination of Inflation in an Open Economy Phillips Curve Framework: The Case of Developed and  
Developing Asian Countries” (with U. Gaur), Macroeconomics and Finance in Emerging Market  
Economies, 2010, 3, 33-51.

“Analysis of Consumers’ Perceptions of Buying Conditions for Houses,” Journal of Real Estate Finance  
and Economics, 2008, 37, 335-350.

“Forecasting Interest Rates in India” (with N. Raje and S. Sahoo), Margin – The Journal of Applied  
Economic Research, 2008, 2, 1-41.

“India’s Insulation from the East Asian Crisis: An Analysis” (with A. Sinha),  
Singapore Economic Review, 2007, 52, 419-443.

“Predicting Indian Business Cycles: Leading Indices for External and Domestic Sectors,” Margin – The  
Journal of Applied Economic Research, 2007, 1, 249-265.

“Performance Evaluation of the New Connecticut Leading Employment Index Using Lead Profiles and  
BVAR Models” (with A. Banerji and S.M. Miller), Journal of Forecasting, 2006, 25, 415-437.

“Interest Rate Determination in India: Domestic and External Factors” (with B.L. Pandit),  
Journal of Policy Modeling, 2002, 24, 853-875.

“Indicator Approach to Business Cycle Analysis: The Case of India” (with A. Banerji),  
Special Issue on Analysis of Business Cycles, Indian Economic Review, 2001, XXXVI, 55-78.

“Effects of Monetary Variables on Real Output: Sensitivity Analysis” (with H. Ahmed),  
Applied Economics Letters, 2001, 8, 65-69.

“The Impact of Financial and Fiscal Variables on Economic Growth: The Case of India and S. Korea”  
(with A. I. Rashid and D. Salvatore), International Economic Journal, 2000, 14, 133-149.

“An Index of Coincident Economic Indicators for the Indian Economy” (with A. Banerji),  
Journal of Quantitative Economics, 1999, 15, 177-201.

“Presence of Persistence in Industrial Production: The Case of India” (with T. Mishra),  
Indian Economic Review, 1999, XXXIV, 23-38.

“Estimating the Public’s Social Preference Function Between Inflation and Unemployment  
Using Survey Data: The Survey Research Center Versus Gallup” (with D.J. Smyth and S.W.  
Taylor), Empirical Economics, 1999, 24, 361-372.

“Using Leading Indicators to Forecast U.S. Home Sales in a Bayesian VAR Framework” (with  
S.M. Miller and D.J. Smyth), Journal of Real Estate, Finance and Economics, 1999, 18, 191-205.

## **Refereed Journal Articles – continued**

- “Foreign Direct Investment and Economic Activity in India” (with A.I. Rashid), Indian Economic Review, 1998, XXXIII, 153-168.
- “Improving Macroeconomic Forecasts: The Role of Consumer Confidence” (with R. Batchelor), International Journal of Forecasting, 1998, 14, 71-81.
- “Public Perceptions of the Relative Seriousness of Inflation and Unemployment in the U.S.” (with D.J. Smyth), Applied Economics Letters, 1997, 4, 49-52.
- “Forecasting and Analyzing Economic Activity Using Coincident and Leading Indexes: The Case of Connecticut” (with S.M. Miller), Journal of Forecasting, 1996, 15, 509-526.
- “Foreign Capital Inflows: The Experience of Emerging Markets in Asia” (with A.I. Rashid), Journal of Asian Business, 1996, 12, 31-45.
- “Velocity Instability: A Monetary or Real Phenomenon?” (with P. Basu), Applied Economics Letters, 1996, 3, 581-585.
- “Forecasting Connecticut Home Sales in a BVAR Framework Using Coincident and Leading Indexes” (with S.M. Miller), Journal of Real Estate Finance and Economics, 1996, 13, 219-235.
- “Empirical Measures of Inflation Uncertainty: A Cautionary Note” (with R. Batchelor), Applied Economics, 1996, 28, 333-341.
- “The Behavior of Velocity and Nominal Interest Rates in a Cash-in-Advance Model” (with P. Basu), Journal of Macroeconomics, 1996, 18, 463-478.
- “Structural Change in the Relationship Between Presidential Popularity and Inflation and Unemployment: The Nixon and Ford Presidencies” (with D.J. Smyth and S.W. Taylor), Applied Economics Letters, 1995, 2, 305-307.
- “Forecasting U.S. Home Sales Using BVAR Models and Survey Data on Households' Buying Attitudes for Homes” (with D.J. Smyth), Journal of Forecasting, 1995, 14, 167-180.
- “A BVAR Model for the Connecticut Economy” (with S.C. Ray), Journal of Forecasting, 1995, 14, 217-227.
- “Long-Run Equilibrium Between Budget Deficits and Long-Term Interest Rates” (with H.K. Arora), International Advances in Economic Research, 1995, 1, 23-31.
- “Forecaster Diversity and the Benefits of Combining Forecasts” (with R. Batchelor), Management Science, 1995, 41, 68-75.
- “Public Perceptions of Macroeconomic Policy During the Bush Presidency” (with D.J. Smyth and S. Washburn Taylor), Southern Economic Journal, 1995, 61, 775-782.
- “Voters and Macroeconomics: Are They Forward Looking or Backward Looking?” (with D.J. Smyth and S. W. Taylor), Public Choice, 1994, 78, 283-293.
- “Survey Evidence on Excessive Public Pessimism about the Future Behavior of Unemployment” (with D.J. Smyth), Public Opinion Quarterly, 1993, 57, 566-574.

## **Refereed Journal Articles – continued**

- “Interest Rates, Government Purchases, and Budget Deficits: A Forward Looking Model,” Public Finance Quarterly, 1993, 21, 470-478.
- “Survey vs ARCH Measures of Inflation Uncertainty” (with R. Batchelor), Oxford Bulletin of Economics and Statistics, 1993, 55, 341-353.
- “Budget Deficits, Domestic Investment, and Trade Deficits” (with H. K. Arora), Contemporary Policy Issues, 1993, 11, 29-44.
- “Survey Expectations in the Time Series Consumption Function” (with R. Batchelor), Review of Economics and Statistics, 1992, LXXIV, 598-606.
- “ARIMA Models of the Price Level: An Assessment of the Multilevel Adaptive Learning Process in the U.S.” (with S.C. Ray), Journal of Forecasting, 1992, 11, 507-516.
- “Conservatism and Consensus-Seeking in Economic Forecasting” (with R. Batchelor), Journal of Forecasting, 1992, 11, 169-181.
- “Blue Chip Rationality Tests” (with R. Batchelor), Journal of Money, Credit and Banking, 1991, 23, 692-705.
- “Survey Evidence on the Term Structure of Interest Rates,” Journal of Economics and Business, 1991, 43, 133-142.
- “Structural Change in the United States' Social Preference Function: 1953-1988” (with D.J. Smyth and S. W. Taylor) Applied Economics, 1991, 23, 763-768.
- “Misery and President Ford: Macroeconomics and Presidential Popularity” (with D.J. Smyth and S. Washburn Taylor), Journal of Economics, 1990, XV1, 124-128.
- “Product Differentiation in the Economic Forecasting Industry” (with R. Batchelor), International Journal of Forecasting, Special Issue on Macroeconomic Forecasting, 1990, 6, 311-316.
- “Forecaster Ideology, Forecasting Technique, and the Accuracy of Economic Forecasts” (with R. Batchelor), International Journal of Forecasting, 1990, 6, 3-10.
- “Social Preferences, Inflation, Unemployment, and Political Business Cycles: Econometric Evidence for the Reagan Presidency” (with D.J. Smyth and S. W. Taylor), Southern Economic Journal, 1989, 56, 336-348.
- “Do Expected Budget Deficits Affect Household Expectations of Interest Rates?” (with H.K. Arora), Journal of Macroeconomics, 1989, 11, 551-562.
- “Household versus Economist Forecasts of Inflation: A Reassessment” (with R. Batchelor), Journal of Money, Credit, and Banking, 1989, 21, 250-257.
- “The Public's Indifference Map between Inflation and Unemployment: Empirical Evidence for the Nixon, Ford, Carter and Reagan Presidencies” (with D.J. Smyth), Public Choice, 1989, 60, 71-85.
- “The Natural Rate of Inflation in the U.S” (with D.J. Smyth), Economic Analysis and Policy, 1988, 18, 191-198.

## **Refereed Journal Articles – continued**

“Public Perceptions of Macroeconomic Policy: An Econometric Analysis of the Reagan Presidency” (with D.J. Smyth), Review of Economics and Statistics, 1988, LXX, 357-361.

“Multiperiod Forecasts of Interest Rates,” Journal of Business and Economic Statistics, 1988, 6, 381-384.

“A Policy Reaction Function for Nominal Interest Rates in the U.K.: 1972Q3-1982Q4,” Bulletin of Economic Research, 1988, 40, 57-71.

“The Accuracy and Rationality of U.K. Inflation Expectations: Some Quantitative Evidence” (with R. Batchelor), Applied Economics, 1987, 19, 819-828.

“Inflation, Unemployment and the Median Voter” (with D.J. Smyth), Economics Letters, 1986, 22, 181-186.

## **Book Chapters**

“Business Cycles in India” (with A. Banerji), in *The New Oxford Companion to Economics in India*, 2<sup>nd</sup> ed., K. Basu, Oxford University Press, 2012.

“Determinants of Weekly Yields on Government Securities in India” (with N. Raje), in *Select Issues in Macroeconomics: A Quantitative Approach*, ed., B. Kamaiah and S.V. Sessaiah, Forthcoming.

“Capital Flow Volatility and Exchange Rates: The Case of India” (with P. Sen), Asian Development Bank, 2009.

“India’s Insulation from the East Asian Crisis: An Analysis” (with A. Sinha), in *Exchange Rate Systems and Policies in Asia*, ed., Paul S.L. Yip, World Scientific Publishing, 2008.

“Business Cycles in India” (with A. Banerji), in *Oxford Companion to Economics in India*, ed., K. Basu, Oxford University Press, 2007.

“Forecasting Interest Rates Using Univariate and Multivariate Models” (with N. Raje and S. Sahoo), in Macroeconomics and Welfare, ed., B.B. Bhattacharya and A. Mitra, Academic Foundation, 2005.

“Money Demand in the Indian Economy: A Time Varying Parameter Approach” (with S. Subramaniam), in Macroeconomics and Welfare, ed., B.B. Bhattacharya and A. Mitra, Academic Foundation, 2005.

“Economic Indicator Approach and Sectoral Analysis: Predicting Cycles in Growth of Indian Exports” (with A. Banerji), in Business Cycles and Economic Growth: An Analysis Using Leading Indicators, ed., P. Dua, Oxford University Press, 2004.

“Monitoring and Predicting Business and Growth Rate Cycles in the Indian Economy” (with A. Banerji), in Business Cycles and Economic Growth: An Analysis Using Leading Indicators, ed., P. Dua, Oxford University Press, 2004.

“Coincident Index, Business Cycles and Growth Rate Cycles: The Case of India” (with A. Banerji), in Macroeconomic Modelling, ed., K. Krishnamurty and V. Pandit, Oxford University Press, 2004.

## **Book Chapters – continued**

- “Interest Rate Modelling and Forecasting in India” (with N. Raje and S. Sahoo), in Economic Developments in India, ed., R. Kapila and U. Kapila, 2004.
- “Introduction” in Business Cycles and Economic Growth: An Analysis Using Leading Indicators, ed., P. Dua, Oxford University Press, 2004.
- “Introduction” (with R. Batchelor), in Financial Forecasting: Stock Market Forecasting, ed., R. Batchelor and P. Dua, Edward Elgar Press, 2003.
- “A Leading Index for India’s Exports” (with A. Banerji), in Economic Developments in India, ed., R. Kapila and U. Kapila, 2001.
- “Trends in Private Investment in Selected Asian Economies” in Trade and Investment in Asia, ed., E.B. Flowers, T.P. Chen, and I. Badawi, 1997, St. John’s University Press, New York, USA.
- “Macroeconomics and President Reagan: Victory over Inflation” (with D.J. Smyth and S.W. Taylor), in President Reagan and the World ed., E.J. Schmertz, N. Datlof, and A. Ugrinsky, 1997, Greenwood Press, Connecticut, USA.

## **Books**

- Exchange Rate Policy and Modelling in India, (with R. Ranjan), Oxford University Press, 2012.
- Business Cycles and Economic Growth: An Analysis Using Leading Indicators, ed., Oxford University Press, 2004.
- Financial Forecasting: Stock Market Forecasting, (with R. Batchelor), ed., Edward Elgar Press, 2003.
- Financial Forecasting: Interest Rates, Exchange Rates and Volatility, (with R. Batchelor), ed., Edward Elgar Press, 2003.

## **Monographs and Reports**

- “India-LINK: Economic Outlook 2011-12 to 2012-13” February 2012 (with N.R. Bhanumurthy and L. Kumawat), Monograph.
- “Macroeconomic Outlook for 2011-12 and 2012-13 based on India-LINK Macroeconometric Model,” May 2011; October 2011 (with N.R. Bhanumurthy), Reports.
- “India-LINK Macroeconomic Outlook for 2010-11” June 2010 (with N.R. Bhanumurthy), Report.
- “India-LINK: Economic Outlook 2009-10 to 2010-11” November 2009 (with N.R. Bhanumurthy and L. Kumawat), Monograph.
- “INDIA LINK: Economic Outlook,” (CDE-DSE Research Team), Reports, 2002 to 2009 as part of UN World Project LINK.
- “Exchange Rate Policy and Modelling in India,” August 2009, Reserve Bank of India, Mumbai, Development Research Group, 2010.

## **Monographs and Reports - continued**

“Interest Rate Modelling and Forecasting in India” (with N. Raje and S. Sahoo), Reserve Bank of India Development Research Group Study No. 24, 2003.

“A Leading Index for India’s Exports,” (with A. Banerji), Development Research Group Study No. 23, Reserve Bank of India, January 2001.

## **Conference Proceedings**

“Monetary Uncertainty and Velocity: An Empirical Investigation” (with P. Basu), Proceedings of the 8th International Congress of the North American Economics and Finance Association, August 1993, 1-10.

“Testing the Rationality of Panel Interest Rate Forecasts” (with R. Batchelor), Proceedings of the Business and Economic Statistics Section, American Statistical Association Meeting, August 1992, 27-32.

“Inflation Uncertainty” (with R. Batchelor), Proceedings of the Business and Economic Statistics Section, American Statistical Association Meeting, August 1990, 422-427.

“Survey Evidence on the Term Structure of Interest Rates,” Proceedings of the 5th International Congress of the North American Economics and Finance Association and the 2nd World Banking & Finance Symposium of the Economics Institute, July 1989, 1, 407-432.

“ARIMA Models of the Price Level: An Assessment of the Multilevel Adaptive Learning Process in the U.S.” (with S.C. Ray), Proceedings of the Business and Economic Statistics Section, American Statistical Association Meeting, August 1988, 505-509.

## **Articles**

Monthly Article, October 2000-October 2010 on “Forecasting and Tracking the Indian Economy Using Leading and Coincident Indexes” (with A. Banerji), *Business Cycle Monitor*, ICICI Research Centre.

Monthly Article, May 1996-June 2001 on “Connecticut Leading and Coincident Employment Indexes” (with S.M. Miller), Connecticut Economic Digest.

Monthly Article, October 1995-July 1996 on Connecticut Leading and Coincident Employment Indexes” (with S.M. Miller), Connecticut Economic Monitor.

“Does Low Inflation Imply High Productivity,” *US Cyclical Outlook*, Economic Cycle Research Institute, October 2004.

“Reading the Tea Leaves: CT Employment Indicators” (with S.M. Miller), The Connecticut Economy: A University of Connecticut Quarterly Review, April 1995, 8.

“Charting Connecticut Employment Cycles” (with S.M. Miller), The Connecticut Economy: A University of Connecticut Quarterly Review, July 1994, 3.

“The Pain of Unemployment: Old and New Measures Compared” (with S.M. Miller), The Connecticut Economy: A University of Connecticut Quarterly Review, July 1994, 20.

“Buying Attitudes: A Leading Indicator of Connecticut Home Purchases” (with J.R. Knight), The Connecticut Economy: A University of Connecticut Quarterly Review, October 1993, 5.

“Forecasting Some Key Economic Indicators” (with S.C. Ray), The Connecticut Economy: A University of Connecticut Quarterly Review, July 1993, 9.

### **Seminars and Conferences**

“Global and Indian Cyclical Outlook: An Overview,” United Nations ESCAP, New Delhi, May 2012.

“Indian Economy: Trends and Prospects,” Dayalbagh Educational Institute (Deemed University), Agra, April 2012.

“India-LINK Macroeconometric Model: Forecasts,” Invited Panelist, The Indian Econometric Society Meetings, Pondicherry University, Pondicherry, March 2012.

“Indian Economy: India-LINK Forecasts,” Keynote Speaker, National Seminar on Industrialization: Development for Whom? Motilal Nehru College, University of Delhi, March 2012.

“Indian Economy: Trends and Prospects,” Inaugural Address, Economics Festival, Maitreyi College, University of Delhi, March 2012.

“Capital Flows and Exchange Rates in India: An Empirical Investigation,” Seminar on Econometrics and Development Statistics, Department of Statistics, University of Calcutta, February 2012.

“Synchronization of Recessions: Developed and Emerging Economies,” International Conference on Economics and Business: Analysis and Applications, Dayalbagh Educational Institute (Deemed University), Agra, November 2011.

“Synchronization of Recessions: Developed and Emerging Economies,” South Asia Regional Autumn School, Lady Shri Ram College, University of Delhi, November 2011.

“India-LINK Macroeconometric Model with Weather Disturbances,” Roundtable on Climate Change: An Economic Policy Perspective for India, Ministry of Finance and Centre for Development Economics, Delhi School of Economics, Taj Mahal Hotel, New Delhi, September 2011.

“Predicting Recessions and Downturns: A Robust Approach,” Administrative Staff College of India, Hyderabad, September 2011.

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

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

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

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

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

“Determinants of Weekly Yields on Government Securities in India,” International Conference on Quantitative Methods in Money, Banking, Finance and Insurance, Indian Business School, Hyderabad, March 2010.



## **Seminars and Conferences – continued**

“Synchronization and Intensity of the Global Recession and Recovery,” Dayalbagh Educational Institute, February 2010.

“Economic Outlook for India: 2009-10 and 2010-11,” Janki Devi Memorial College, New Delhi, November 2009.

“Synchronization of Recessions in Major Developed and Emerging Economies,” Project LINK International Meeting, UNESCAP, Bangkok, October 2009.

“Synchronization of Recessions in Major Developed and Emerging Economies,” Centre for Development Economics, Delhi School of Economics, September 2009.

“Exchange Rate Policy and Modelling in India,” August 2009, Reserve Bank of India, Mumbai.

“Synchronization of Recessions in Major Developed and Emerging Economies,” June 2009, Workshop on India in the G-20: Macroeconomic Policy Coordination, Regulation and Global Governance, Centre for Economic Policy Research (UK) and National Council of Applied Economic Research, New Delhi.

“Global Recession: Is the End in Sight,” February 2009, Dayalbagh Educational Institute, Agra.

“Global Recession: Is the End in Sight,” January 2009, Lady Shri Ram College, New Delhi.

“Recession: Prospect and Retrospect,” July 2008, ICICI Bank, Mumbai.

“Capital Flows, Intervention and the Exchange Rate in India: An Empirical Investigation,” February 2008, Growth and Macroeconomics Issues and Challenges in India, Institute of Economic Growth, Delhi.

“Open Economy Phillips Curve for Developing and Developed Asian Countries,” February 2008, Growth and Macroeconomics Issues and Challenges in India, Institute of Economic Growth, Delhi.

“Inflation –Unemployment Trade Off in Asia,” January 2008, Money and Finance Conference, Indira Gandhi Institute for Development Research, Mumbai.

“Economy-Wide Modeling,” (panel discussion) January 2008, The Indian Econometric Society Meeting, University of Hyderabad.

“Predicting Indian Business Cycles: Leading Indices for External and Domestic Sectors,” October 2007, Quarterly Seminar on the Economy, National Council of Applied Economic Research, New Delhi.

“Capital Flow Volatility and Exchange Rates: The Indian Experience,” May 2007, Project LINK International Meeting, Chinese Academy of Social Sciences, Beijing.

“Inflation –Unemployment Trade Off in Asia,” November 2006, Project LINK Meeting, United Nations, Geneva.

“Indian Economic Outlook,” November 2006, Project LINK Meeting, United Nations, Geneva.

“Business Cycles and Stock Prices: Can Leading Indicators Help Investors?” July 2006, ICICI Bank, New Delhi.

“Prospects for the Indian Economy: An Analysis of Domestic and External Sectors,” November 2005, Project LINK Meeting, United Nations, Geneva.

## **Seminars and Conferences – continued**

“Is Another Global Downturn in Sight?,” July 2005, ICICI Bank, Mumbai and Kolkata.

“International Transmission of Business Cycles: An Application of Spectral Analysis,” May 2005, Project LINK International Meeting, Universidad Nacional Autonoma de Mexico, Mexico City, Mexico.

“International Transmission of Business Cycles: An Application of Spectral Analysis,” May 2005, Cass Business School, London, UK.

“Long-Memory Dynamics of Indian Macroeconomic Variables: Policy Perspectives and Welfare Implications,” The Indian Econometric Society Meetings, Kolkata, January 2005.

“Modelling and Forecasting Seasonality in Indian Macroeconomic Time Series,” The Indian Econometric Society Meetings, Kolkata, January 2005.

“Capital Flow Volatility and Exchange Rates: The Case of India,” Macroeconomic Policy Workshop, Gokhale Institute of Politics and Economics, Pune, December 2004.

“East Asian Crisis and Currency Pressure: The Case of India,” Macroeconomic Policy Workshop, Gokhale Institute of Politics and Economics, Pune, December 2004.

“Capital Flow Volatility and Exchange Rates: The Case of India,” Asian Development Bank Macroeconomic Management and government Finances Group Meeting, National Council of Applied Economic Research, September 2004.

“Economic Indicator Approach and Sectoral Analysis: Predictiong Cycles in Growth of Indian Exports,” May 2004, International Seminar on Economic Indicators, (US Conference Board), Singapore.

“Business and Growth Rate Cycles in India,” May 2004, International Seminar on Economic Indicators, (US Conference Board), Singapore.

“China’s Accession to WTO: Implications for India,” April 2004, Project LINK Spring Meeting, United Nations, New York.

“Economic Outlook: India 2003-2006,” April 2004, Project LINK Spring Meeting, United Nations, New York.

“Forecasting Interest Rates in India,” March 2004, Money and Finance Conference, Indira Gandhi Institute for Development Research, Mumbai. (Key speaker)

“Time Series Modelling: Potentials and Pitfalls,” February 2004, The Indian Econometric Society Meetings, Bangalore (Panel Discussion).

“Interest Rate Modelling and Forecasting in India,” February 2004, The Indian Econometric Society Meetings, Bangalore.

“Money Demand in the Indian Economy: A Time Varying Parameters Approach,” February 2004, The Indian Econometric Society Meetings, Bangalore.

“Interest Rate Modelling and Forecasting in India,” Reserve Bank of India, April 2003.

“East Asian Crisis and Contagion: The Case of India,” October 2002, LINK Econometric Meeting, Bologna, Italy.

## **Seminars and Conferences – continued**

“Lessons from a Global Recession: Application of the Leading Indicators Approach,” July 2002, ICICI Bank, Chennai.

“Lessons from a Global Recession: Application of the Leading Indicators Approach,” May 2002, ICICI Research Centre, Mumbai.

“A Leading Index for India’s Exports,” January 2002, The Indian Econometric Society Meetings, Chennai.

“A Leading Index for India’s Exports,” June 2001, 21<sup>st</sup> International Symposium on Forecasting, International Institute of Forecasters, Georgia, USA.

“Interest Rate Determination in India: The Role of Domestic and External Factors,” April 2001, The Indian Econometric Society Meetings, Surat, Gujarat.

“A Leading Index for the Indian Economy,” March 2001, National Conference on Recent Advances in Quantitative Economics, Indian Statistical Institute, Bangalore.

“A Leading Index for the Indian Economy,” December 2000, Conference on Industrialization in a Reforming Economy: A Quantitative Assessment, Department of Economics, Delhi School of Economics, New Delhi.

“A Leading Index for the Indian Economy,” June 2000, 20<sup>th</sup> International Symposium on Forecasting, International Institute of Forecasters, Portugal.

“An Index of Coincident Economic Indicators for the Indian Economy,” May 2000, Seminar on Policy Modelling, Department of Economics, Delhi School of Economics, New Delhi.

“An Index of Coincident Economic Indicators for the Indian Economy,” November 1999, Annual ISI Economic Theory and Policy Conference, Indian Statistical Institute, New Delhi.

“Business Cycles in India since the 1950s,” August 1999, Dayalbagh Educational Institute, Agra.

“An Index of Coincident Economic Indicators for the Indian Economy,” July 1999, ICRISAT, Hyderabad.

“An Index of Coincident Economic Indicators for the Indian Economy,” June 1999, 19th International Symposium on Forecasting, International Institute of Forecasters, Washington, D.C.

“Quantification of Persistence in Indian Industrial Production,” March 1999, Indian Statistical Institute, New Delhi.

“Presence of Persistence in Industrial Production: The Case of India,” February 1999, NCAER.

“FDI and Economic Growth in India,” December 1998, American Social Science Association Meetings, Boston, USA.

“Development of Stock Markets in Asian Economies,” May 1998, Seventh Southeast Asia Business Research Conference, University of Michigan, USA.

“The Impact of Financial and Fiscal Variables on Economic Growth: The Case of India and S. Korea,” April 1998, Conference on Economic Reforms in India, Khalsa College, Jalandhar, India.

“Forecasting and Analyzing Economic Activity Using Coincident and Leading Indexes,” March 1997, Department of Economics, Delhi School of Economics, Delhi, India.

## **Seminars and Conferences – continued**

“Real and Monetary Determinants of Velocity in the US: Evidence from a VAR Model,” April 1996, Miami, Florida, National Conference of the Academy of Business Administration.

“Consumer Confidence and the Probability of Recession: A Markov Switching Model,” March 1996, Boston, Massachusetts, Eastern Economic Association Meeting.

“Forecasting and Analyzing Economic Activity Using Coincident and Leading Indexes: The Case of Connecticut,” February 1996, Department of Economics, Southern Connecticut State University, New Haven, Connecticut.

“Trends in Private Investment in Selected Asian Economies,” November 1995, St. John's University, New York, Fifth Asian Business and Economics Conference.

“Forecasting and Analyzing Economic Activity Using Coincident and Leading Indexes: The Case of Connecticut,” September 1995, Department of Statistics, University of Connecticut, Storrs, Connecticut.

“Forecasting Connecticut Home Sales in a BVAR Framework Using Coincident and Leading Indexes,” June 1995, Center for Real Estate and Urban Economic Studies, University of Connecticut, Storrs, Connecticut.

“New Tools for Analyzing and Forecasting Connecticut Employment and Unemployment,” June 1995, 15th International Symposium on Forecasting, International Institute of Forecasters, Toronto, Canada.

“Consumer Confidence and the Probability of Recessions,” June 1995, 15th International Symposium on Forecasting, International Institute of Forecasters, Toronto, Canada.

“Forecasting Connecticut Home Sales in a BVAR Framework Using Coincident and Leading Indexes,” April 1995, 9<sup>th</sup> New England Statistics Symposium, Storrs, Connecticut.

“Tracking Connecticut Employment and Unemployment,” April 1995, University of Connecticut Lecture Series, Stamford, Connecticut.

“Survey Evidence on the Relative Seriousness of Inflation and Unemployment,” March 1995, Eastern Economic Association Meeting, New York.

“The Behavior of Velocity and Nominal Interest Rates in a Cash-in-Advance Model,” January 1995, Allied Social Science Associations Meeting, Washington, D.C..

“A BVAR Model for the Connecticut Economy,” January 1995, Indian Statistical Institute, Annual Conference on Economic Theory and Policy, New Delhi, India.

“Financial Reforms and Economic Growth in India and S. Korea: A Comparative Study,” November 1994, St. John's University, Fourth Asian Business and Economics Conference, New York.

“Forecasting U.S. Home Sales Using BVAR Models and Survey Data on Households' Buying Attitudes for Homes,” June 1994, 14th International Symposium on Forecasting, International Institute of Forecasters, Sweden.

“Improving Macroeconomic Forecasts: The Role of Consumer Confidence,” May 1994, 8th International Conference of the International Association of Business Forecasting, Baltimore, Maryland.

“The Role of Economic Fundamentals in India and S. Korea: A Comparative Study,” March 1994, Eastern Economic Association Meeting, Boston, Massachusetts.

## **Seminars and Conferences – continued**

“Public Perceptions of Macroeconomic Policy During the Bush Presidency,” January 1994, Allied Social Science Associations Meeting, Boston, Massachusetts.

“Monetary Uncertainty and Velocity: An Empirical Investigation,” August 1993, 5th International Congress of the North American Economics and Finance Association, Montego Bay, Jamaica.

“Forecasting the Connecticut Economy,” June 1993, 13th International Symposium on Forecasting, International Institute of Forecasters, Pittsburgh, Pennsylvania.

“Improving Macroeconomic Forecasts: The Role of Consumer Confidence,” June 1993, 13<sup>th</sup> International Symposium on Forecasting, International Institute of Forecasters, Pittsburgh, Pennsylvania.

“Inflation, Unemployment and Presidential Popularity,” April 1993, Ronald Reagan Presidential Conference, Hofstra University, Hempstead, New York.

“Macroeconomics and President Reagan: Victory Over Inflation,” April 1993, Ronald Reagan Presidential Conference, Hofstra University, Hempstead, New York.

“Rationality Testing with Panel Data,” August 1992, American Statistical Association Meeting, Boston, Massachusetts.

“Are Voters Ultrarational?” March 1992, Eastern Economic Association Meeting, New York.

“Forecaster Diversity and the Benefits of Combining Forecasts,” October 1991, Department of Economics, University of Connecticut, Storrs, Connecticut

“Combining the Forecasts of Diverse Forecasters: Evidence from a U.S. Panel,” June 1991, 11th International Symposium on Forecasting, International Institute of Forecasters, New York.

“Fallen Arches: A Comparison of Direct and Indirect Measures of Inflation Uncertainty,” March 1991, Eastern Economic Association Meeting, Pittsburgh, Pennsylvania.

“Inflation Uncertainty,” December 1990, Allied Social Science Associations Meeting, Washington, D.C..

“Inflation Uncertainty,” November 1990, Department of Economics, University of Connecticut, Storrs, Connecticut.

“Inflation Uncertainty,” August 1990, Anaheim, California, American Statistical Association Meeting.

“Blue Chip Rationality Tests,” December 1989, Allied Social Science Associations Meeting, Atlanta, Georgia.

“Survey Evidence on the Term Structure of Interest Rates,” July 1989, University of Colorado, 5th International Congress of the North American Economics and Finance Association, Boulder, Colorado.

“ARIMA Models of the Price Level: An Assessment of the Multilevel Adaptive Learning Process in the U.S.,” August 1988, American Statistical Association Meeting, New Orleans, Louisiana.

“Survey Expectations in the Time Series Consumption Function,” March 1988, Eastern Economic Association Meeting, Boston, Massachusetts.

## **Seminars and Conferences – continued**

“ARIMA Models of the Price Level: An Assessment of the Multilevel Adaptive Learning Process in the U.S.,” March 1988, Eastern Economic Association Meeting, Boston, Massachusetts.

“Household v. Economist Forecasts of Inflation: A Reassessment,” February 1987, Department of Economics, University of Connecticut, Storrs, Connecticut.

“Do Expected Budget Deficits Affect Household Expectations of Interest Rates?” December 1986, Allied Social Science Associations Meeting, New Orleans, Louisiana.

“Household v. Economist Forecasts of Inflation: A Reassessment,” February 1986, Department of Economics, Wayne State University, Detroit, Michigan.

## **Workshops/Special Lectures**

Lectures on “Time Series Econometrics and Empirical Analysis,” Programme on Advanced Data Analysis in Management, Department of Management Studies, IIT Delhi, December 2011.

Lectures on “Rational Expectations in Macroeconomics,” Programme for ISS Officers, Administrative Staff College of India, Hyderabad, September 2011.

Lecture on “Business Cycle Indicators: Predicting Recessions and Slowdowns,” Workshop on Index Numbers for CSO Officers, Centre for Development Economics, Delhi School of Economics, August 2011.

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

Lecture on “Forecasting: The State of the Art,” Dayalbagh Educational Institute, April 2010.

Lectures on “Analysis of Business Cycles Using Coincident and Leading Indexes: An Application to the Global Recession,” Workshop on Indexes for CSO Officers, Centre for Development Economics, Delhi School of Economics, October 2008, February 2009, October 2009, & February 2010.

Lecture on “Econometric Methods and Forecasting,” Workshop on Mathematical Modelling, National Institute of Science Technology and Development Studies (NISTADS) with Technology Information, Forecasting and Assessment Council and International Institute for Applied Systems Analysis (IIASA), NISTADS, Delhi, March 2009.

Lectures on “Introductory Econometrics with Computer Applications,” Department of Economics, Dayalbagh Educational Institute, August-November 2008.

Lectures on “Business Cycle Indicators,” Workshop on Indexes for CSO Officers, Centre for Development Economics, Delhi School of Economics, March 2007, 2008.

Lectures on “Building Interest Rate Models for India,” December 2003, Bankers Training College, Reserve Bank of India, Mumbai.

Lectures on “Forecasting and Time Series,” Workshop on Econometrics for ISS/IES Officers, December 2003, 2004; Institute of Economic Growth, Delhi.

Lectures on “Forecasting and Time Series Analysis,” Workshop for CSO and ISS Officers, Centre for Development Economics, Delhi School of Economics, 1999, 2000, 2001.

Lectures on “Bayesian Econometrics,” Workshop on Bayesian Analysis, Indian Statistical Institute, Bangalore, March 2001.

### **PROJECT INVESTIGATOR**

*United Nations*, Project LINK, 2000 to date

*ICICI Bank*, 2000 to 2010

*Reserve Bank of India*, Development Research Group, 2000, 2003, 2008-09

*Asian Development Bank*, 2004-2005

*University of Connecticut Center for Real Estate and Urban Economic Studies*, 1993-97

### **OTHER PROFESSIONAL ACTIVITIES**

#### **Journal Editing and Refereeing**

**Editor**, *Indian Economic Review*

**Editorial Board**, *PARITANTRA – Journal of Systems Science and Engineering*

#### **Refereed Articles for Journals (Selected):**

- Applied Economics ▪ Empirical Economics
- International Journal of Forecasting ▪ International Economic Journal
- Journal of Business and Economic Statistics ▪ Journal of Economics and Business
- Journal of Forecasting ▪ Journal of Macroeconomics
- Journal of Money, Credit, and Banking ▪ Journal of Quantitative Economics
- Journal of Real Estate, Finance and Economics ▪ North American Review of Economics and Finance
- Quarterly Journal of Business and Economics ▪ Review of Economics and Statistics
- Review of Regional Studies ▪ Southern Economic Journal

#### **Membership in Professional Committees/Organizations**

- ◆ The Indian Econometric Society (Vice President, 2012-2013)
- ◆ Academic Council, Dayalbagh Educational Institute (Deemed University)
- ◆ Committee on Macroeconomic Changes, Ministry of Statistics and Programme Implementation, 2010, 2011
- ◆ Committee on Price Indexes, Ministry of Statistics and Programme Implementation, 2010, 2011
- ◆ Technical Advisory Group on Leading Indicators, Reserve Bank of India, 2006 to 2008

#### **Supervision-M.Phil./Ph.D.**

*Department of Economics, Delhi School of Economics, University of Delhi*

- ◆ Supervised M.Phil and Ph.D.Dissertations: 40

#### **Administrative Responsibilities (Selected):**

*Department of Economics, Delhi School of Economics, University of Delhi*

- ◆ Head, Department of Economics, Delhi School of Economics since November 2010
- ◆ Faculty Coordinator, Placement Programme, Delhi School of Economics, 1998-99 to 2011
- ◆ Convenor, M.Phil Programme, Delhi School of Economics, 2003-07
- ◆ Council Member, Centre for Development Economics (CDE), Delhi School of Economics, 2003-04 to date
- ◆ Member, Governing Body of University of Delhi Colleges including Lady Shri Ram College, Janki Devi College, Mata Sundri College (various years)