




Professor Pami Dua

Title	Professor	First Name	Pami	Last Name	Dua	Photograph
Designation	Dean Research (Humanities & Social Sciences) Director, Delhi School of Economics Professor, Department of Economics					
Address	Department of Economics, Delhi School of Economics, University of Delhi 110007					
Phone No	Office	011-27008100 011-27667540				
	Residence					
	Mobile					
Email	dua@econdse.org					
Web-Page	http://econdse.org/pami-dua/					
Educational Qualifications						
	Degree	Institution			Year	
	Ph.D. Economics	London School of Economics, University of London, UK			1985	
	M.Sc. Economics	London School of Economics, University of London, UK			1981, Distinction	
	B.A. (Hons) Economics	Lady Shri Ram College, University of Delhi			1978, First Division	
Career Profile						
	Designation	University			Year	
	Dean Research (Humanities & Social Sciences)	University of Delhi			2014 to date	
	Director, Delhi School of Economics	University of Delhi			2013 to date	
	Head, Economics	Delhi School of Economics, University of Delhi			2010 to 2014	
	Professor, Economics	Delhi School of Economics, University of Delhi			2000 to date	
	Reader, Economics	Delhi School of Economics, University of Delhi			1996 to 2000	
	Associate Professor, Economics	University of Connecticut, Stamford, Connecticut, USA			1992 to 1998	
	Assistant Professor, Economics	University of Connecticut, Stamford, Connecticut, USA			1987 to 1992	
	Lecturer	Wayne State University, Detroit, Michigan, USA			1986 to 1987	
Other Appointments						
	Member Secretary	Internal Quality Assurance Cell, University of Delhi			2014 to date	
	Chairperson	Governing Body, Agricultural Economics Research Centre, University of Delhi			2013 to date	
	President	The Indian Econometric Society			2015-16	

Editor	Indian Economic Review; Delhi University Journal of Undergraduate Research and Innovation; Delhi University Journal of Humanities and Social Sciences	2000 to date; 2015-
Head	Department of Economics, University of Delhi	2010 to 2014
Senior Research Scholar	Economic Cycle Research Institute, New York, USA	1997 to date
Visiting Research Associate	Center for International Business Cycle Research, Columbia University, New York, USA	1994
Visiting Faculty Fellow	Yale University, USA	1988-89, 1992-93

Administrative Assignments

Selected Activities – University of Delhi

- Dean Research (Humanities & Social Sciences), University of Delhi
- Director, Delhi School of Economics, University of Delhi
- Member Secretary, Internal Quality Assurance Cell, University of Delhi
- Chairperson, Governing Body, Agricultural Economics Research Centre, University of Delhi
- Member, Academic Council, University of Delhi, 2010 to date
- Head, Department of Economics, Delhi School of Economics, 2010 to 2014
- Member, Governing Body of University of Delhi Colleges and hostels including Lady Shri Ram College, Janki Devi College, Mata Sundri College; International Guest House; Department of Social Work Hostel; Ambedkar Ganguly Hostel; Meghdoot Hostel; School of Open Learning (various years)
- Faculty Coordinator, Placement Programme, Department of Economics, Delhi School of Economics, 1998-99 to 2011

Selected Activities – University of Connecticut

- Chair/Member of Promotion, Tenure, and Reappointment Committee and Merit Committee – 1992-96
- Member, University's Strategic Planning Committee, 1994-96
- Campus Liaison – Forum for World Affairs, 1992-96

Areas of Interest / Specialization

Business Cycle Analysis, Macroeconomics, Time Series Econometrics, Forecasting

Subjects Taught

Econometrics, Time Series Analysis, Forecasting, Macroeconomics

Research Guidance

1. ***Supervision of awarded Doctoral Thesis:*** 6 (Delhi School of Economics)
2. ***Supervision of Doctoral Thesis, under progress:*** 8
3. ***Supervision of awarded M.Phil dissertations:*** 34
4. ***Supervision of M.Phil dissertation, under progress:*** 1

Publications Profile

Research Papers in Refereed/Peer Reviewed Journals

- "Cycle Phase Dynamics: A Comparison of Economic Indicator Analysis and Markov Switching Methods" (with V. Sharma), Journal of Business Cycle Measurement and Analysis, Forthcoming.
- "Impact of Eurozone Sovereign Debt Crisis on China and India" (with D. Tuteja), Singapore Economic Review, Forthcoming.
- "Determinants of Yields on Government Securities in India" (with N. Raje), Margin – The Journal of Applied Economic Research, 2014, 8, 375-400.

- “Macroeconomic Determinants of Foreign Direct Investment: Evidence from India” (with R. Garg), The Journal of Developing Areas, 2014, 49, 133-155.
- “Foreign Portfolio Investment Flows to India: Determinants and Analysis” (with R. Garg), World Development, 2014, 59, 16-28.
- “Weather Shocks and Agricultural Commodity Prices in India” (with N.R. Bhanumurthy and L. Kumawat), Climate Change Economics, 2013, 4.
- “Capital Flows and Exchange Rates in India: An Empirical Investigation” (with P. Sen), Indian Economic Review, 2013, XLVIII, 189-220.
- “Foreign Direct Investment and Technology Spillover: Evidence across Indian Manufacturing Industries” (with S.R. Behera and B. Goldar), Singapore Economic Review, 2012, 57, 2.
- “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 Arunima 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 Anirvan 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.
- "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, pp. 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, pp. 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. Washburn 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.
- "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. Washburn 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. Washburn), 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.
- "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.

Books/Monographs

Books

- Benchmarking for Performance Evaluation (with S.C. Ray and S.C. Kumbhakar) , ed. Springer, 2015.
- 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., International Library of Critical Writings in Financial Economics, Edward Elgar Press, 2003.
- Financial Forecasting: Interest Rates, Exchange Rates and Volatility (with R. Batchelor), ed., International Library of Critical Writings in Financial Economics, Edward Elgar Press, 2003.

Monographs/Reports

- “INDIA LINK Economic Outlook 2014-15”, October 2014 (with N.R. Bhanumurthy and L. Kumawat), Monograph.
- “INDIA LINK: Economic Outlook 2014-15, March 2014 (with N.R. Bhanumurthy and L. Kumawat), Monograph.
- “Macroeconomic Outlook for 2012-13 based on India-LINK Macroeconometric Model,” December 2012 (with N.R. Bhanumurthy), Report.
- “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,” Reserve Bank of India, Mumbai, Development Research Group, 2010, Monograph.
- “Interest Rate Modelling and Forecasting in India” (with N. Raje and S. Sahoo), Reserve Bank of India Development Research Group Study No. 24, 2003, Monograph.
- “A Leading Index for India’s Exports,” (with A. Banerji), Development Research Group Study, No. 23, Reserve Bank of India, January 2001, Monograph.

Book Chapters

- “Global Financial Crisis and Eurozone Debt Crisis: Impact on Exports of China and India” in *Policies for Sustaining High Growth Rates in India*, ed., P. Agrawal, Forthcoming.
- “Forecasting Indian Macroeconomic Variables Using Medium Scale VAR Models” (with G.C. Aye and R. Gupta) in *Current Trends in Bayesian Methodology with Applications*, ed. S.K. Upadhyay, ed. Chapman Hall/CRC Press, 2015.
- “Business Cycles in India” (with A. Banerji), in *The New Oxford Companion to Economics in India*, 2nd ed., K. Basu, Oxford University Press, 2012.
- “Determinants of Weekly Yields on Government Securities in India,” (with N. Raje), in Festschrift in honour of Prof. Dilip Nachane, ed. B. Kamaiah and S.V. Seshaiyah, ICAI Press, 2010.
- “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 Anirvan 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 Anirvan 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 Anirvan Banerji), in Macroeconomic Modelling, ed., K. Krishnamurty and V. Pandit, Oxford University Press, 2004.
- “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 Anirvan 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. by 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 edited by E.J. Schmertz, N. Datlof, and A. Ugrinsky, 1997, Greenwood Press, Connecticut, USA.

Research papers published in Refereed/Peer Reviewed Conferences

- “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.

Other Publications

- “Macroeconomic Outlook for 2012-13 & 2013-14 based on India-LINK Macroeconometric Model” (with N.R. Bhanumurthy), SBI Monthly Review, December 2012.
- Monthly Article, October 2000 to July 2010 on “Forecasting and Tracking the Indian Economy Using Leading and Coincident Indexes” (with Anirvan 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, Oct 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, p. 8.
- “Charting Connecticut Employment Cycles” (with S.M. Miller), The Connecticut Economy: A University of Connecticut Quarterly Review, July 1994, p. 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, p. 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, p.5.
- “Forecasting Some Key Economic Indicators” (with S.C. Ray), The Connecticut Economy: A University of Connecticut Quarterly Review, July 1993, p.9.

Conference Organization/Presentation

Presentation & Panelist

- “Determination of the INR/USD Exchange Rate: Modelling and Forecasting”, UN DESA Expert Group Meeting on the World Economy (LINK Project), United Nations, NY, October 2015.
- “Research Conduct, Integrity and Ethics,” Workshop on Business Research Methods, FMS, University of Delhi, May 2015.
- “Econometrics: Alchemy or Science,” Inaugural Address, International Conference on Applied Economics and Finance, GITAM School of International Business (in collaboration with TIES), Visakhapatnam, February 2015.
- “A Structural Macroeconometric Model for India,” Seminar on India’s Macroeconomy, Centre for Economic Studies and Planning, Jawaharlal Nehru University, February 2015.
- “Challenges and Changes Ahead,” Panelist, OECD-NIPFP Workshop on New Approaches to Economic Challenges, NIPFP, February 2015.
- “Use of Technology and Innovation in Promoting Good Governance,” Inaugural Address, Seminar on Good Governance, Cluster Innovation Centre, University of Delhi, December 2014.
- “Impact of Eurozone Sovereign Debt Crisis on China and India,” Invited Lecture, 51st Annual Conference of The Indian Econometric Society, Punjabi University, Patiala, December 2014.
- “Time Series Econometrics and Empirical Analysis,” Inaugural Address, Refresher Training Programme in Econometrics (for ISS Officers), Institute of Economic Growth, December 2014.
- “Ecology of the Soul and the Balance of Nature,” Inaugural Address, Conference on Spiritual Ecology and Sustainability, Maharaja Agrasen College, November 2014.
- “Determination of INR/USD Exchange Rate: Modelling and Forecasting”, South Asian University, August 2014.
- “Impact of Eurozone Sovereign Debt Crisis on China and India”, Workshop on Policies for Sustaining High Growth in India, Institute of Economic Growth, August 2014.
- “The Power of Example: India’s Approach to Soft Power”, Panelist, Conference on Innovative Engagement for Sustainable Development: The Edinburgh – India Story, Edinburgh India Institute, University of Edinburgh, May 2014.
- “Determinants of Yields on Government Securities in India”, Reserve Bank of India, March 2014.
- “Teaching of Econometrics”, Panelist, Golden Jubilee Conference of The Indian Econometric Society, IGIDR, Mumbai, December 2013.
- “Contagion in International Asset Markets during the Global Financial Crisis and Eurozone Debt Crisis”, Golden Jubilee Conference of The Indian Econometric Society, IGIDR, Mumbai, December 2013.
- “Analysis of Cycle Asymmetries: An International Comparison”, Golden Jubilee Conference of The Indian Econometric Society, IGIDR, Mumbai, December 2013.
- ‘Current Macroeconomic Issues in India: Policies and Perspectives’, Keynote Address, Economics Festival, Sri Venkateswara College, September 2013.
- ‘An Analysis of Weekly Yields on Indian Government Securities’, Invited Talk, NCAER Workshop on Macroeconomic Modelling and Policy Analysis, New Delhi, July 2013.

- 'Indian Economy: Challenges and Prospects', Keynote Speaker, Seminar on Shifting Gears: Jumpstarting a Slowing Indian Economy, Delhi College of Arts and Commerce, January 2013.
- 'Interdependence of International Financial Markets: The Case of India and U.S', Asian Meeting of the Econometric Society, Department of Economics, Delhi School of Economics, University of Delhi, December 2012.
- 'Measurement and Patterns of International Synchronization: A Spectral Approach', Asian Meeting of the Econometric Society, Department of Economics, Delhi School of Economics, University of Delhi, December 2012.
- 'Weather Shocks, Spot and Futures Agricultural Commodity Prices: An Analysis for India', Conference on Macroeconomic Issues and Challenges in India, Delhi Economics Conclave, Department of Economics, Delhi School of Economics, University of Delhi, December 2012.
- 'Macroeconomic Modelling and Forecasting the Indian Economy', Conference on Macroeconomic Issues and Challenges in India, Delhi Economics Conclave, Department of Economics, Delhi School of Economics, University of Delhi, December 2012.
- 'Determinants of Weekly Yields on Government Securities in India', Conference on Macroeconomic Issues and Challenges in India, Delhi Economics Conclave, Department of Economics, Delhi School of Economics, University of Delhi, December 2012.
- 'Determinants of Foreign Portfolio Investment Flows to India,' Asian Meeting of the Econometric Society, Department of Economics, Delhi School of Economics, University of Delhi, December 2012.
- 'Interdependence of International Financial Markets: The Case of India and U.S', Conference on Exploring an Interface Between Economics and Physics, Department of Physics and Astro Physics, University of Delhi, November 2012.
- 'Measurement and Patterns of International Synchronization: A Spectral Approach', Conference on Exploring an Interface Between Economics and Physics, Department of Physics and Astro Physics, University of Delhi, November 2012.
- 'Impact of Eurozone Crisis on India', Keynote Address, Seminar on Euro-Crisis: Implications for India, Pondicherry University, September 2012.
- "Capital Flows and Exchange Rates in India: An Empirical Investigation," Conference on Perspectives on Indian Economic Development and Policy, Department of Economics, Delhi School of Economics, University of Delhi, July 2012.
- "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,” 15th Conference of Commonwealth Statisticians, Ministry of Statistics and Programme Implementation, New Delhi, February 2011.
- “Whither Econometrics,” Invited Panelist, 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.
- “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,” Invited panelist, January 2008, 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.
- “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,” Indian Econometric Society Meetings, Kolkata, January 2005.
- “Modelling and Forecasting Seasonality in Indian Macroeconomic Time Series,” 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: Prediction 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, Indian Econometric Society Meetings, Bangalore (Panel Discussion).
- “Interest Rate Modelling and Forecasting in India,” February 2004, Indian Econometric Society Meetings, Bangalore.
- “Money Demand in the Indian Economy: A Time Varying Parameters Approach,” February 2004, 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.
- “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, Indian Econometric Society Meetings, Chennai.
- “A Leading Index for India’s Exports,” June 2001, 21st International Symposium on Forecasting, International Institute of Forecasters, Georgia, USA.
- “Interest Rate Determination in India: The Role of Domestic and External Factors,” April 2001, 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,’ Delhi School of Economics, New Delhi.
- “A Leading Index for the Indian Economy,” June 2000, 20th 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, 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.
- “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, 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, Toronto, Canada, 15th International Symposium on Forecasting, International Institute of Forecasters.
- “Consumer Confidence and the Probability of Recessions,” June 1995, Toronto, Canada, 15th International Symposium on Forecasting, International Institute of Forecasters.
- “Forecasting Connecticut Home Sales in a BVAR Framework Using Coincident and Leading Indexes,” April 1995, Storrs, Connecticut, 9th New England Statistics Symposium.
- “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, New York, New York, Eastern Economic Association Meeting.
- “The Behavior of Velocity and Nominal Interest Rates in a Cash-in-Advance Model,” January 1995, Washington, D.C., Allied Social Science Associations Meeting.
- “A BVAR Model for the Connecticut Economy,” January 1995, New Delhi, India, Indian Statistical Institute, Annual Conference on Economic Theory and Policy.
- “Financial Reforms and Economic Growth in India and S. Korea: A Comparative Study,” November 1994, St. John's University, New York, Fourth Asian Business and Economics Conference.

- “Forecasting U.S. Home Sales Using BVAR Models and Survey Data on Households' Buying Attitudes for Homes,” June 1994, Sweden, 14th International Symposium on Forecasting, International Institute of Forecasters.
- “Improving Macroeconomic Forecasts: The Role of Consumer Confidence,” May 1994, Baltimore, Maryland, 8th International Conference of the International Association of Business Forecasting.
- “The Role of Economic Fundamentals in India and S. Korea: A Comparative Study,” March 1994, Boston, Massachusetts, Eastern Economic Association Meeting.
- “Public Perceptions of Macroeconomic Policy During the Bush Presidency,” March 1994, Boston, Massachusetts, Eastern Economic Association Meeting.
- “Public Perceptions of Macroeconomic Policy During the Bush Presidency,” January 1994, Boston, Massachusetts, Allied Social Science Associations Meeting.
- “Monetary Uncertainty and Velocity: An Empirical Investigation,” August 1993, Montego Bay, Jamaica, 5th International Congress of the North American Economics and Finance Association.
- “Forecasting the Connecticut Economy,” June 1993, Pittsburgh, Pennsylvania, 13th International Symposium on Forecasting, International Institute of Forecasters.
- “Improving Macroeconomic Forecasts: The Role of Consumer Confidence,” June 1993, Pittsburgh, Pennsylvania, 13th International Symposium on Forecasting, International Institute of Forecasters.
- “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, Boston, Massachusetts, American Statistical Association Meeting.
- “Are Voters Ultrarational?” March 1992, New York, New York, Eastern Economic Association Meeting.
- “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, New York, New York, 11th International Symposium on Forecasting, International Institute of Forecasters.
- “Fallen Arches: A Comparison of Direct and Indirect Measures of Inflation Uncertainty,” March 1991, Pittsburgh, Pennsylvania, Eastern Economic Association Meeting.
- “Inflation Uncertainty,” December 1990, Washington, D.C., Allied Social Science Associations Meeting.
- “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, Atlanta, Georgia, Allied Social Science Associations Meeting.
- “Survey Evidence on the Term Structure of Interest Rates,” July 1989, University of Colorado, Boulder, Colorado, 5th International Congress of the North American Economics and Finance Association.
- “ARIMA Models of the Price Level: An Assessment of the Multilevel Adaptive Learning Process in the U.S.,” August 1988, New Orleans, Louisiana, American Statistical Association Meeting.

- “Survey Expectations in the Time Series Consumption Function,” March 1988, Boston, Massachusetts, Eastern Economic Association Meeting.
- “ARIMA Models of the Price Level: An Assessment of the Multilevel Adaptive Learning Process in the U.S.,” March 1988, Boston, Massachusetts, Eastern Economic Association Meeting.
- “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, New Orleans, Louisiana, Allied Social Science Associations Meeting.
- “Household v. Economist Forecasts of Inflation: A Reassessment,” February 1986, Department of Economics, Wayne State University, Detroit, Michigan.

Special Lectures

- “Applications of Time Series and Forecasting”, Institute of Economic Growth, September 2015.
- “Time Series and Forecasting: Some Applications”, Workshop on Time Series Econometrics, IIT Guwahati, July 2015.
- Lectures on “Time Series Econometrics and Forecasting,” Workshop on Time Series and Financial Econometrics, Jadavpur University, June 2015.
- Lectures on “Time Series Econometrics,” Refresher Course, Department of Business Economics, University of Delhi, South Campus, December 2012.
- 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.

Organizing Conference (selected)

- Chair, Organizing Committee, Conference on ‘Indian Economy: Issues and Perspectives’ as part of Golden Jubilee Celebrations of The Indian Econometric Society (TIES), Department of Economics, Delhi School of Economics, August 2013.
- Chair, Steering Committee, Asian Meetings of the Econometric Society, Department of Economics, Delhi School of Economics, December 2012.
- Chair, Organizing Committee, Conference on Macroeconomic Issues and Challenges in India, Delhi Economics Conclave, Department of Economics, Delhi School of Economics, University of Delhi, December 2012.
- Chair, Organizing Committee, Conference on ‘Perspectives on Indian Economic Development and Policy’ in memory of Prof S. Tendulkar, Department of Economics, Delhi School of Economics, July 2012.
- Advisory Committee, International Conference on ‘Economics and Business: Analysis and Applications’, Dayalbagh Educational Institute (Deemed University), November 2011.
- Organizing Committee, Winter School, Centre for Development Economics, Delhi School of Economics, December 2010.
- Chair, Organizing Committee, Workshop on Performance Measurement, Centre for Development Economics, Delhi School of Economics, January 2009.

Research Projects (Major Grants/Research Collaboration)

Project Investigator

United Nations, India counterpart of World Project LINK, 2000 to date

ICICI Research Centre, 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

Awards and Distinctions

Government of India Merit Scholarship, 1975-78

London School of Economics Merit Scholarship, 1979-81

Association With Professional Bodies

1. Editing:

- Editor
 - *Indian Economic Review*
 - *Delhi University Journal of Humanities and Social Sciences*
 - *Delhi University Journal of Undergraduate Research and Innovation*

- Editorial Board
 - *Journal of Developing Areas*
 - *Journal of Quantitative Economics*

2. **Reviewing:** Reviewed for the following journals:

Applied Economics; Empirical Economics; International Journal of Forecasting
International Economic Journal; Indian Economic Review; Journal of Business and Economic Statistics; Journal of Economics and Business; Journal of Forecasting; Journal of Indian School of Political Economy; Journal of Macroeconomics; Journal of Money, Credit, and Banking;
Journal of Quantitative Economics; Journal of Real Estate, Finance and Economics
Macroeconomics and Finance in Emerging Market Economies; 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

3. **Committees and Boards:**

- *President*, The Indian Econometric Society, 2015-16
- *Vice President*, The Indian Econometric Society (2012-2013; 2013-2014; 2014-15)
- *Member*, Committee on Data and Information Management, Reserve Bank of India, 2014.
- *Member*, Committee on Forecasting the Demand for Air Traffic, Ministry of Civil Aviation, 2013, 2014.
- *Member*, Academic Committee, Institute of Economic Growth, 2013, 2014.
- *Member*, Committee on Macroeconomic Changes, Ministry of Statistics and Programme Implementation, 2010, 2011
- *Member*, Committee on Price Indexes, Ministry of Statistics and Programme Implementation, 2010, 2011, 2013
- *Expert*, RBI Advisory Groups – Leading Indicators; Liquidity

4. **Memberships:** Indian Econometric Society