

Curriculum Vitae

Badri Narayanan Gopalakrishnan

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PROFESSIONAL EXPERIENCE

- 2010-present **Research Economist and Manager: GTAP Data Base**¹ at *Center for Global Trade Analysis, Purdue University*: Leading member of a team that manages the production of a global economic dataset used for policy research: GTAP (Global Trade Analysis Project) Data Base; Principal Investigator in funded/independent research projects; Teaching in short courses on Global Economic Analysis.
 - 2007-2010 **Research Economist** at *Center for Global Trade Analysis, Purdue University* Construction of GTAP Data Base and work on a project on special Africa Data Base; Research and teaching in short courses.
 - 2006-2007 **Fellow** at *Indian Council for Research on International Economic Relations (ICRIER), New Delhi, India*: Served as Principal Investigator in research projects, mainly on auto industry for the Government of India.
 - 2005-2006 **Teaching and Research Assistant in Econometrics** at *IGIDR*², *Mumbai, India* to Dr. Kausik Chaudhuri
 - 2003-2005 **Teaching and Research Assistant in Environmental and Development Economics** at *IGIDR, Mumbai, India* to Prof. Vinod Kumar Sharma: Co-ordinator of research projects for Governments of Maharashtra (Pollution Control Board: State of the Environment in Maharashtra) and India (Planning Commission: Maharashtra Development Report); Lecturer of a course module on environmental economics.
 - 2002 **Assistant Production Manager** at *DGM Textiles, Tirupur, India*: In-Charge of Production of a new unit involved in manufacturing knitwear exported to EU, US and Canada, reporting to the CEO of the company.
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EDUCATIONAL QUALIFICATIONS³

- 2006-07: Ph.D. in *Economics*, Indira Gandhi Institute of Development Research(IGIDR), Mumbai.⁴
- 2002: Bachelor of Technology (B.Tech) in *Textile Technology*, PSG College of Technology⁵, Coimbatore.

Areas of Interest: International Trade, Industrial Economics, Labour Economics, Productivity Analysis, Demand Analysis, CGE modelling, Environmental Economics, Development, Applied Econometrics/Time series.

VISITING POSITIONS

October 2013 **Visiting Researcher** at *Center for Environmental and Resources Economics, Umea, Sweden*.

September-October 2013 **Visiting Researcher** at *International Trade Center, Geneva, Switzerland*

August 2013 **Visiting Faculty for the Annual Short Course on Global Economic Analysis** at *Bahcesehir University, Istanbul, Turkey*

August 2012 **Visiting Faculty for the Annual Short Course on Global Economic Analysis** at *George Mason University, USA*

April 2011 **Visiting Faculty for the Annual Short Course on Global Economic Analysis** at *United Nations Economic Commission for Africa, Addis Ababa, Ethiopia*

August 2009 **Visiting Faculty for the Annual Short Course on Global Economic Analysis** at *United Nations Economic and Social Commission for Asian and the Pacific, Bangkok, Thailand*

June 2008 **Visiting Faculty for the Course on Input-Output Tables** at *Government Institute of Economic Research (VATT), Helsinki, Finland*

¹This is a widely used dataset for global policy analysis, across the world. For details, visit www.gtap.org.

²Ranked among the top 90 economic research organizations in the world and No:1 in India: www.econphd.econowiki.com/rank/rallec.htm

³First Class with Distinction and top 5 in the respective batches from school to PhD

⁴Dissertation Committee Members: Dr. Kausik Chaudhuri Visiting Professor, Indian Institute of Management, Bangalore and Senior Lecturer, Leeds University; Dr. Kirit Parikh, Former Member, The Planning Commission and Founder Director, Integrated Research and Action in Energy, New Delhi and Dr. K.V. Ramaswamy, Professor, IGIDR.

⁵Ranked among the top 11 Indian Engineering Colleges

TEACHING EXPERIENCE

- 2011 and 2013: Guest Lecturer in the course on *Applied General Equilibrium Analysis* offered by Prof. Tom Hertel in the Department of Agricultural Economics, Purdue University (AGEC 618)
- 2007-present: Faculty at the Annual Short Courses on Global Economics Analysis at Purdue University (2007, 2008, 2010 and 2011), UNESCAP, Bangkok (2009), UNECA, Ethiopia (2011), George Mason University, USA (2012) and Bahcesehir University, Turkey (2013).
- 2007-present: Co-developer of and lecturer in the courses on *Contributing Input-Output Tables to GTAP* at Purdue University (2007) and Finland Ministry of Economic Affairs, Helsinki (2008) and UNECA, Ethiopia (2011).
- 2004-05: Taught a module on Environmental Economics to the graduate students at IGIDR

FELLOWSHIPS AND ACADEMIC/OTHER HONOURS

- Fellowship (2002-2007) to pursue PhD from Indira Gandhi Institute of Development Research, Mumbai
- Fellowship with an invitation to participate in the 'Meeting with Nobel Laureates in Economics' at Lindau, Germany, during 1-4, September 2004, for research discussion with 11 Nobel Laureates in Economics as well as with 200 students/young researchers from 34 countries.
- Fellowship to pursue a course titled 'South Asia Short Course on Global Trade Analysis' held from 28th November 2005 for three months, organized by Purdue University, USA.
- Listed as a member of International Biographical Centre, Cambridge, England, among the "Leading Professionals of the World 2013".
- Listed in the 26th, 27th and 28th Editions of *Marquis Who's Who in the World* (2009, 2010 and 2011)⁶
- Listed in 2008-09 Honors Edition of Madison's Who's Who Among Executives and Professionals.
- Multiple grants for presenting papers/seminars/lectures in **13 countries across the world: Chile, China, Ethiopia, Finland, Germany, India, Italy, Japan, Sweden, Switzerland, Thailand, Turkey and USA.**

RESEARCH PROFILE: SUMMARY

- Number of Refereed Publications (including reviews): 21; Books: 3;
- Google Scholar Citations from all publications: 515; h-index:9; i10-index: 8.
- Peer reviewer for 14 international journals and on the editorial board of two of them
- 15 presentations in international conferences; 25 more in workshops and invited seminars
- Principal Investigator for two project grants and co-Principal Investigator for over six project grants

PAPERS IN REFEREED JOURNALS

- Narayanan, Badri G. and Rungta, Vasundhara (2014). *Export Subsidy Reforms and Productivity Improvements: The Case of Indian Textile and Clothing Sector* **Margin: The Journal of Applied Economic Research**, in Press.
- Narayanan, G Badri, Tasneem Mirza and Nico van Leeuwen (2014). *Impact of Chinese Growth and Trade on Labor in Developed Countries*, **Economic Modelling**, in Press.
- Narayanan, G Badri and Pankaj Vashisht (2014). *Indian Auto Industry: A Global Hub in Making?*. **Review of Development and Change**, in Press.
- Chandramouli, M, G Badri Narayanan and Gary Bertoline (2014). *A Graphics Design Framework to Visualize Multi-dimensional Economic Datasets*, **Engineering Design Graphics Journal**, in Press.

⁶Retrieved from http://www.credoreference.com/entry/marquisworld/narayanan_gopalakrishnan_badri

- Walmsley, TL., Angel Aguiar and G. Badri Narayanan (2013). *A Global Dataset of Input-Output Tables Linked by International Trade and Policy Data*, **The Journal of Life Cycle Assessment, Japan** **9(2)**: 76-83.
- Narayanan, G. Badri., Hertel, Thomas W. and Horridge, J. Mark (2010). *Disaggregated Data and Trade Policy Analysis: The Value of Linking Partial and General Equilibrium Models*, **Economic Modelling** **27(3)**: 755-66.
- Narayanan, G. Badri (2010), *Long-run Relationship between Output, Capital, Labour and Productivity: Evidence from Indian Textile Sector* in **Applied Economics**, **42(6)**: 759-68
- Narayanan, G. Badri (2008), *Effects of Phasing out of MFA Quotas on Indian Garment Exports* in **Regional and Sectoral Economic Studies**, **8(1)**: 71-93.
- Narayanan, G. Badri (2007), *Effect of Mergers on Firm Profits with Trade Liberalisation: The Role of Technology* in **Applied Economics Letters** **14(8)**: 607-610.
- Narayanan, G. Badri (2006), *Effects of Trade Liberalisation on Firm Profits and Social Welfare: The Role of Technology*, **Applied Economics Letters** **13(1)**: 63-66.
- Narayanan, G. Badri (2005), *Exchange Rate, Productivity and Exports: The Case of Indian Textile Sector* in **The Journal of Indian School of Political Economy** **17(4)**: 657-678.

OTHER REFEREED PAPERS/BOOK CHAPTERS

Walmsley, TL., Angel Aguiar and G. Badri Narayanan (2013). *Introduction to Global Trade Analysis Project and Data Base*, In Ed. Manfred Lenzen and Joy Murray, *The Sustainability Practitioner's Guide to Multi-Regional Input-Output Analysis*, Common Ground Publishers and The University Press at Urbana Champaign, Illinois, USA.

Narayanan, Badri G. and Pankaj Vashisht (2011). *Impact of Foreign Investment on Indian Auto Industry* in eds. Shahid Ashraf and Shahid Ahmed. *Regional and Multilateral Trade in Developing Countries*, Routledge India, London. pp 294-323.

Narayanan, Badri G. Thomas W. Hertel and Mark Horridge (2010). *Linking Partial and General Equilibrium Models: A GTAP Application using TASTE* GTAP Technical Paper No: 29, Center for Global Trade Analysis, Purdue University, USA.

Narayanan, G. Badri and Pankaj Vashisht (2008) *Determinants of Competitiveness of Indian Auto Industry*, ICRIER Working Paper No: 201, Indian Council for Research on International Economic Relations, New Delhi.

Narayanan, G. Badri (2008) *Indian Textile and Apparel Sector: Performance, Employment and Demand* In Ed. R. Radhakrishna, *India Development Report: 2008*, Oxford University Press, New Delhi, pp. 157-77.

Narayanan, G. Badri (2007) *Pollution Control by the Natural Dyes*, In Ed. Nirmal Sengupta, *Economic Studies of Indigenous Traditional Knowledge*, Academic Foundation in association with Indian Economic Association Trust for Research Development, New Delhi, pp. 251-82.

Narayanan, G. Badri and Gopal V. (2001) *Garment Exports -A Mission With Vision* in the Journal of Textile Association, March.

Narayanan, G. Badri (2008) *Indian Textile and Apparel Sector: an Analysis of Aspects Related to Domestic Supply and Demand* In Eds. UNESCAP, *Unveiling protectionism: regional responses to remaining barriers in the textiles and clothing trade*, United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP), Bangkok, pp. 129-56.

Narayanan, G. Badri (2005) *An analysis of environmental impacts of the renewable natural dyes in the Indian textile industry*, In Ed. R. Dayanandan, *Sustainable Development: Opportunities and Challenges*, Serial Publications, New Delhi, pp. 370-405.

BOOK REVIEWS/COMMENTARIES IN REFEREED JOURNALS

Narayanan, G. Badri (2011), *The Political Economy of Work by David Spencer*, **Journal of Economic Issues**, 45(1): 254-5.

Narayanan, G. Badri (2005) *A note on Labour Flexibility debate in India* in **Economic and Political Weekly**, September 26- October 1.

Narayanan, G. Badri (2005) *Questions on Textile Industry Competitiveness* in **Economic and Political Weekly**, February 26-March 4.

PAPERS UNDER REVIEW

Steinbuck, Jevgenijs and G. Badri Narayanan. *Fossil Fuel Producing Economies have Greater Potential for Inter-fuel Substitution*. Revised and Resubmitted to **Energy Economics**

Narayanan, G Badri and Sangeeta Khorana. *Tariff Escalation, Export Shares and Economy-wide Welfare: A Computable General Equilibrium Approach* Being Revised for resubmission to **Economic Modelling**

Huang, Cheng-kui, Ting-Yi Chang and G. Badri Narayanan, *Mining the Change of Customer Behavior in Dynamic Markets*, being revised for resubmission to **Information Technology and Management**.

Khorana, Sangeeta, G. Badri Narayanan and Gauri Khandekar. *Trade Liberalisation through Bilateral Agreements: Analysis of the proposed European Union-India Free Trade Agreement* submitted to **Journal of Economic Integration**

Britz, Wolfgang, Perez, Ignacio and G. Badri Narayanan. *Analyzing Results from Large-Scale Agricultural Economic Simulation Model Results: Recent Progress and the Way Ahead*, Draft to be submitted to **German Journal of Agricultural Economics**

Narayanan, G Badri and Pankaj Vashisht. *The Structure of Indian Automotive Industry: How Different are the Organised and Unorganised Sectors?*, submitted to **Review of Development and Change**.

Narayanan, Badri G. *Implications of History for the Current Policies and Industrial Structure: The Case of Indian Textile Sector*, submitted to **Journal of Textile and Apparel, Technology and Management**

Narayanan, Badri G. *Can Mergers be Useful to Face Trade Liberalisation?: The Role of Technology*, submitted to **Journal of Quantitative Economics**

PAPERS IN PROGRESS

Narayanan, Badri G., Rahul Sen and Sadhana Srivastava. *Can India Plug into Asian International Production Networks through RTAs?*, Work in Progress.

Narayanan, Badri G., Magesh Chandramouli and Gary Bertoline, *Visualizing Computational Analysis of Time-Series Global Trade Datasets*, Work in Progress.

Narayanan, Badri G. and Kausik Chaudhuri. *Determinants of Efficiency of Unorganized Sector in a Developing Economy: Evidence from Indian textile Sector*, Draft ready to be submitted.

Narayanan, Badri G. and Kausik Chaudhuri. *Trade Liberalisation, Environmental and Labour Regulations: Impact on Employment in a Developing Economy*, Draft ready to be submitted.

Narayanan, Badri G. and Nelson Villoria. *Global Agricultural Supply Shocks and Price Volatility: The Role of Specific Tariffs*, Work in progress.

Narayanan, Badri G. and Terrie Walmsley. *The Role of Labor Standards in International Trade: The Case of Child Labor* Work in progress.

Narayanan, Badri G., Terrie Walmsley, Angel Aguiar and Robert McDougall. *Reconciling Global and Regional Datasets from Multiple Sources: The Case of GTAP Data Base Construction*, Work in progress.

Krishnamurthy, Chandra Kiran and Badri Narayanan. *An Investigation into Employment Growth in Indian Manufacturing*, Work in Progress.

Narayanan, G. Badri and T. Krishna Kumar. *Optimal Global Trade Policies: A Differential Games Approach*, Work in Progress.

McDougall, Robert and G. Badri Narayanan. *Total Requirement Coefficients and Decomposition of Effects in CGE Model Simulations*, Work in Progress.

Narayanan, G Badri. *Tax Policy Implications of Demand Elasticities: Evidence from Demand for Textiles in India*

Narayanan, Badri G. and Chakravarthy, Sumathi L. *Using Economic Demand Elasticity to Improve Recommendation Systems*.

BOOKS

Narayanan, G.Badri, Angel Aguiar and Robert McDougall, Editors. (2012). *Global Trade, Assistance, and Production: The GTAP 8 Data Base*, Center for Global Trade Analysis, Purdue University.

Narayanan, G.Badri and Pankaj Vashisht (2011). *Determinants of Competitiveness of Indian Auto Industry*, Lambert Academic Publishing, Germany.

Narayanan, G.Badri and Terrie L. Walmsley, Editors (2008). *Global Trade, Assistance, and Production: The GTAP 7 Data Base*, Center for Global Trade Analysis, Purdue University.

Authored/co-authored several chapters in the edited books above

SPONSORED RESEARCH PROJECTS

Co-principal Investigator (2014-2015): GMO Technology in International Agricultural and Energy Markets: A Platform for Analysis of Global, National and State Level Impacts, pending with the College of Agriculture, Purdue University (with: Roman Keeney).

Co-Principal Investigator (2014-2016): Public Procurement: Data Base Extension and Modelling Modifications for Analysis, pending with the European Commission (with Thomas Hertel, Angel Aguiar and Joseph Francois)

Co-Principal Investigator (2014-2015): Growth, Climate Change and the Role of Water in the South Asian Economy: A General Equilibrium Modeling Approach, by the World Bank (with Thomas Hertel and Farzad Taheripour)

Co-Principal Investigator (2011-2013): Quantitative Analysis of Vulnerability Reduction and Diversification in Africa, by the World Bank (with Terrie Walmsley, Angel Aguiar, Robert McDougall and Peter Minor)

Co-Principal Investigator (2013-2014): Employment Growth in Indian Manufacturing: An Evaluation, by the Umea School of Business and Economics Research Institute (with Chandra Kiran Krishnamurthy)

Co-Principal Investigator (2011-2012): PE-GE Analysis of EU's FTAs with the Andean Pact and with Central America, by the European Commission (with Terrie Walmsley, Angel Aguiar and Joseph Francois)

Principal Investigator (2011): Modelling the Effects of Energy Market regulations in Turkey, by Price Waterhouse Coopers, Germany.

Co-Principal Investigator (since 2007): Ongoing projects on Development of GTAP Data Base, supported by 30 different international, national and private agencies that are GTAP Consortium Board Members (with Robert McDougall, Terrie Walmsley and Angel Aguiar).

Principal Investigator (2006-2007): Determinants of Competitiveness of Indian Automotive Industry, by National Manufacturing Competitiveness Council and Automotive Components Manufacturers Association of India.

OTHER PUBLICATIONS

Horridge, J. Mark, Robert A. McDougall, Badri Narayanan G. and Terrie L. Walmsley (2008) *Exercises in Contributing I-O Tables to the GTAP Data Base*, GTAP Resource No:2850, Center for Global Trade Analysis, Purdue University, USA.

Narayanan, G.Badri (2005) *Effects of Trade Liberalisation, Environmental and Labour Regulations on Employment in India's Organised Textile Sector*, IGIDR Working Paper No: WP-2005-005.

Narayanan, G.Badri (2004) *An Analysis of Long-run Environmental Impacts and Multi-criteria-based Prioritisation of the Natural Dyes in the Indian Textile Industry* in Social Science Research Network Electronic Library, January 2004

Narayanan, G.Badri (2003) *Interactions Between Technology, Profits, Welfare and Profit Effects of Mergers with Trade Restrictions* in Social Science Research Network Electronic Library, December 2003

PRESENTATIONS AT INTERNATIONAL CONFERENCES

- Gave Presentation on *Review of GTAP 8 Data Base and Overview of Data Goal* in the Annual Meeting of Consortium Board Members of GTAP, Geneva, June 2012.
- **Plenary Presentation** on *Overview of GTAP 8 Data Base* at 15th Annual Conference on Global Economic Analysis, held at WTO, Geneva, Switzerland, June 2012.
- *A GTAP-E Extension for Emission Abatement Analysis* at 15th Annual Conference on Global Economic Analysis, held at WTO, Geneva, Switzerland, June 2012, co-authored with Robert McDougall.
- *Post-model Analysis in large-scale models: the examples of Aglink-Cosimo, CAPRI and GTAP* at 15th Annual Conference on Global Economic Analysis, held at WTO, Geneva, Switzerland, June 2012, co-authored with and presented by Wolfgang Britz and Ignacio Perez.
- *Integrating India into Global Production Networks Through RTAs* at 15th Annual Conference on Global Economic Analysis, held at WTO, Geneva, Switzerland, June 2012, co-authored with and presented by Rahul Sen.

- **Invited Plenary Talk** on *Global Economic Analysis of Technical and Industrial Textiles* at International Conference on Industrial and Technical Textiles held at PSG College of Technology, Coimbatore India, August 2012.
- Gave Presentation on *GTAP Data Base: Development and Future Directions* in the Annual Meeting of Consortium Board Members of GTAP, Venice, July 2011.
- *The Role of Labor Standards in International Trade: A CGE Approach* Presented at the 14th Annual Conference on Global Economic Analysis, Venice, Italy, June 2011; at Indira Gandhi Institute of Development Research, Mumbai, India, June 2011 and Madras Institute of Development Studies, Chennai, India, July 2012, co-authored with Terrie L. Walmsley.
- *Does Tariff Escalation affect Export Shares?: The Case of Global Cotton and Coffee Sectors* Presented at AAEEA Meetings at Pittsburgh, PA and a revised version at IATRC Meetings at St. Petersburg, FL, 2011, co-authored with Sangeeta Khorana.
- *The Proposed EU-India FTA: Implications for Textiles, Wearing Apparel and Leather Products* Presented at the 14th Annual Conference on Global Economic Analysis, Venice, Italy, 2011, co-authored with and presented by Sangeeta Khorana.
- *International Inter-Fuel Substitution: Do Factor Endowments Matter?* Presented at 4th EMEE (Empirical Methods in Energy Economics) Seminar in Dallas, Texas, 2011, co-authored with and presented by Jevgenijs Steinbuks.
- *Incorporating Domestic Support into GTAP 7 Data Base and Overview of GTAP 7 Data Base.* Presentations at 12th Annual Conference of Global Economic Analysis, Santiago, Chile, June 2009.
- Gave Presentations on *Review of GTAP 7 Data Base and Overview of Data Goal and GTAP Africa Data Base* in the Annual Meeting of Consortium Board Members of GTAP, Helsinki, June 9-10, 2008.
- Co-Authors: Hertel, TW. and Horridge, JM. *A Nested PE/GE Model for GTAP: Simulating the Disaggregated Impacts of Tariff-Liberalization on Automotive Industry in India.* Paper presented at the 11th Annual Conference of Global Economic Analysis, Helsinki, Finland, June 12-14, 2008.
- *Inflation-Openness Relationship in Developing Countries: A Dynamic Panel Approach* in *Sixth Annual Conference on Money and Finance* at IGIDR, Mumbai (March 2004).

INVITED PRESENTATIONS, SEMINARS AND NATIONAL CONFERENCES

- **Invited Seminar** on *Inter-fuel Substitution: The Role of Fossil Fuel Production Potential*, held at Center for Environmental and Resources Economics, Umea, Sweden, October 2013.
- **Invited Seminar** on *Introduction to GTAP: A Computable General Equilibrium Model* in the World Bank Workshop on Diagnostic Tools and Instruments for Assessing Environmental Challenges, held at Madras School of Economics, India, December 2012.
- **Invited Lecture** on *Introduction to Computable General Equilibrium Modelling* to the MBA students at Indian Institute of Management, Tiruchirapalli, India, December 2012.
- **Invited Guest Lecture** on *textitEconomic Research on Indian Textile Industry* at Sardar Vallabhbhai Patel Institute of Textile Management, Coimbatore, India, July 2012.
- **Invited Presentation** on *Impact of Pollution Abatement on the Trade Competitiveness of Indian Textile Sector* at Madras School of Economics, Chennai, July 2012.
- **Invited Inaugural Guest Lecture** on *International Inter-fuel Substitution Elasticities* at Solar Energy Society of India, PSG College of Technology, India, July 2012.
- **Invited Guest Lecture** as a part of the *Network and Complex Systems Talk Series* on *The Global Trade Analysis Project* at the Cyberinfrastructure for Network Science Center, Indiana University Bloomington, USA, on December 6 2010
- **Invited Seminar** on *International Trade and Pollution Abatement Costs in Indian Textile Sector* at Madras School of Economics, Chennai, on November 12, 2010 and at South Indian Textile Research Association on November 20, 2010.
- **Invited Seminar** on *Impacts of Tariff Liberalization of Indian Auto Industry: Application of a CGE model on disaggregated sectors* at Madras Institute of Development Studies, Chennai on November 12, 2010

- Co-Authors: Hertel, TW. and Horridge, JM. *Linking Partial and General Equilibrium Models: Impact of Tariff-Liberalization on Automotive Industry in India*. A Seminar delivered at IGIDR, Mumbai, on August 19, 2008 and at Madras School of Economics, Chennai on September 18, 2009.
- Invited to deliver a lecture on *Indian Textile, Apparel and Automotive industries: Some Recent Trends and Economic Issues* in a Workshop on 'BRIC Economies' at Kobe University, Japan on December 13, 2008
- Lectures on *CGE Modelling: An Introduction* as a part of the UNCTAD Capacity Building Program in Allahabad University, Allahabad, India, August 22, 2008.
- Contributed a paper on *Will Phasing out of MFA Quotas Benefit India's Garment Exports?* at 43rd Annual Conference of *The Indian Econometric Society* held in IIT-Mumbai on 5th January 2007
- *Some Economic Issues in Indian Textile Sector* at Center for Global Trade Analysis, Purdue University, USA on February 12, 2007.
- *Competitiveness of Indian Auto Industry: Some Findings* at National Manufacturing Competitiveness Council, New Delhi on January 20, 2007 and at Indian Council for Research on International Economic Relations, New Delhi on January 4, 2007.
- *India's Handloom Exports: Recent Trends and Perspectives for Future* in a seminar on 'Export Competitiveness of Textiles- Focus Handloom' organised by PHD Chamber of Commerce and Industry and Textiles Committee, and sponsored by UNCTAD, held at Panipat on August 31st, 2006.
- *Determinants of Employment in India's Organised Textile Sector* at Indian School of Business on May 31, 2006.
- *Some Economic Issues in Indian Textile Sector* at National Council of Applied Economic Research on June 15, 2006.
- Presented a part of a project entitled *Global Welfare Implications of Non-ratification of Kyoto Protocol by USA: A Multi-region Multi-sector CGE Analysis* in 'A short Course on Global Trade Analysis' Organised by Purdue University at IGIDR, Mumbai from 18-24 February, 2006.
- Delivered a lecture on "Analysis of NSS data using suitable statistical tool" in a two day workshop on "Data, Databases and Data Inter-conversion", organised by Indian Council for Social Science Research (ICSSR) - Western Regional Center, in Mumbai University, on Feb 3-4, 2006.
- Delivered a lecture on "Analysis Using NSS Data", to the students of I year MSc/MPhil/PhD students in IGIDR (January 2006)
- Presented the "Second Draft of the State of Environment Report: Maharashtra" in a workshop on 'State of Environment Report: Maharashtra' at Maharashtra Pollution Control Board (MPCB), representing IGIDR in July 2005.
- *Exports, Exchange Rate and Productivity: A Cointegration Analysis of Indian Textile Sector* in the 41st Annual Conference of *The Indian Econometric Society* at Jadavpur University, Kolkata (January 2005).
- *Determinants of Employment in Indian Textile Industry* in the 40th Annual Conference of *The Indian Econometric Society* at Institute of Social and Economic Change (ISEC), Bangalore (February 2004).
- *Analysis of Long-run Environmental Impacts and Prioritisation of the Natural Dyes in the Textile Industry* in National Conference on Advances in Environmental Science and Engineering, *Indian Institute of Technology (IIT), Mumbai* (December 2003).

OTHER ACTIVITIES PERTAINING TO TEACHING/RESEARCH

- Editorial Board Member for Universal Journal of Industrial and Business Management (Horizon Research Publishing) and EPRA International Journal of Economics, Business and Management Studies (ISSN: 2347-4378)
- Refereed for International Journals: *Applied Economics, Economic Modelling, Economic Systems Research, The Energy Journal, International Economic Journal, Journal of Economic Integration, Journal of Economic Studies, Journal of Environmental Informatics, Journal of Quantitative Economics, Journal of Development and Agricultural Economics, African Journal of Business Management, Journal of the Asia Pacific Economy, Scientia Agriculturae Bohemica* and *Textile Research Journal*.
- Refereed research papers submitted for various conferences including the Annual Conferences on Global Economic Analysis, Purdue University.
- Consultant to organizations such as World Bank, European Commission, GLG Group and Government of India

- Reviewed and commented on various research proposals/reports of World Bank, Government of India and those submitted to industry associations, Government and corporates in India.
- Participated in the First and Second Meetings of Steering Committee on Industry for the Eleventh Five Year Plan, held at Planning Commission, Government of India in August to December, 2006.
- Participated in a workshop on “Econometrics of Banking and Financial Markets”, held in IGIDR in February 2005.
- Organised various conferences such as Sixth, Seventh and Eighth Annual Conferences on Money and Finance in Indian Economy, Wages and Income in Indian Economy and Conference on Energy and Environment in honour of Prof. Jyoti Parikh, which were held at IGIDR, from 2002 to 2006.

LANGUAGES KNOWN : Tamil (Native), English (Near Native) and Hindi (Near Native)