

## CURRICULUM VITAE



**Name :** Simanti Bandyopadhyay

**Sex :** Female

### **Address**

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### **Current Position**

- ❖ **Associate Professor and Head, Economics and Public Policy**, School of Management and Entrepreneurship, Shiv Nadar University, India (April 2015 till present).

### **Administrative Responsibilities in the Current Profile**

- ❖ **Convener**, Board of Studies, School of Management and Entrepreneurship, Shiv Nadar University, India.
- ❖ **Head, Economics and Public Policy Unit**, School of Management and Entrepreneurship, Shiv Nadar University, India.
- ❖ **Chair**, Committee on Faculty Performance Evaluation Benchmarking, School of Management and Entrepreneurship, Shiv Nadar University, India.
- ❖ **Member**, PhD Committee, School of Management and Entrepreneurship, Shiv Nadar University, India.
- ❖ **Member**, MBA Program Committee, School of Management and Entrepreneurship, Shiv Nadar University, India.

### **Courses Designed/Taught (April 2015-Present)**

#### ***Pre Phd Coursework/Post Graduate***

- ❖ Theory of Firm (1.5 Credits Core)
- ❖ Quantitative Methods (Advanced) (2 Credits, Elective)
- ❖ Microeconomics for Managers (2 credits, core)

- ❖ Public Economics and Finance (2 credits, elective)
- ❖ Econometrics for Managers (2 credits, elective)
- ❖ Performance Evaluation of Decision Making Units (2 credits, elective)
- ❖ Macroeconomics and Policy (2 Credits, Core)

### ***Undergraduate***

- ❖ Economics for Business 1 :Microeconomics (3 credits, Core)
- ❖ Economics for Business 2: Macroeconomics and Policy (3 Credits, Core)
- ❖ Managerial Economics (2 credits, elective)
- ❖ Understanding Government Finance with Special Reference to India (1.5 credits, Core)
- ❖ Indian Economy (Elective, 1.5 Credits)
- ❖ Environmental Economics, Management and Policy (Elective, 3 credits)
- ❖ Economics of Education (Elective, 3 Credits)

### **Other Courses Taught**

- ❖ Designed and taught a course on Performance Measurement of Decision Making Units: Principles and Applications to Masters level students in Department of Economics, Presidency University, Kolkata, during July 23-August 3, 2018.
- ❖ Designed and taught a course on Quantitative Techniques for Managers, with computer programming and applications in MBA Programme, Faculty of Management Studies (FMS), Delhi University, New Delhi during (October-December, 2010).
- ❖ Designed and taught a course on Quantitative Techniques, for MPhil/PhD students, Department of Business Economics, with computer programming and applications Delhi University, New Delhi during (January-March, 2010).
- ❖ Designed and taught a course on Data Envelopment Analysis with computer programming and applications at M Phil/PhD students, Department of Business Economics, University of Delhi (South Campus) during March 19 – April 8, 2009.
- ❖ Designed and taught a course on Quantitative Techniques for Managers, with computer programming and applications in MBA Programme, FMS, Delhi University, New Delhi during (October-December, 2009).
- ❖ Designed and taught a course on Data Envelopment Analysis with computer programming and applications for M Phil/PhD students, Department of Business Economics, University of Delhi (South Campus) during March 15 – March 31, 2008.
- ❖ Designed and taught a course on Data Envelopment Analysis with computer programming and applications at M Phil/PhD level in Department of Economics, University of Kolkata during February 12-March 8, 2008

### **Visiting Appointments/Post Doc Positions**

- ❖ ***Visiting Faculty, Department of Economics, Presidency University, Kolkata***, (July 23-August 3, 2018)
- ❖ ***Visiting Scholar, Institute of Municipal Finance and Governance MUNK School Of Global Affairs, University of Toronto, Canada***, (Feb 29 –April 30, 2012)
- ❖ ***Visiting Scholar, Institute of Development Studies, University of Sussex, Brighton, UK*** (June 2011).
- ❖ ***Visiting Scholar, Andrew Young School of Policy Studies, Georgia State University, Atlanta, USA*** (May, 2011).

- ❖ **Consultant and Chief Researcher, Fourth Tamil Nadu State Finance Commission** in a Project on Analysis of Financial Position of ULBs in the state of Tamil Nadu, with Centre for Development Finance, IFMR, Chennai ( Jan 2011- Aug 2011).
- ❖ **Visiting Faculty, Department of Economics, Calcutta University, Kolkata** ( Autumn and Winter 2011, Spring 2010, Spring 2009, Spring 2008),.
- ❖ **Visiting Faculty, Faculty of Management Studies, University of Delhi, Delhi** (Oct-Dec, 2010; Oct-Dec, 2009).
- ❖ **Visiting Faculty, Department of Business Economics, University of Delhi** (Jan- March, 2010, March - April, 2009, March 15-31, 2008).
- ❖ **Visiting Faculty, Centre for Economic Studies and Planning, Jawaharlal Nehru University, New Delhi** (November 11-28, 2008)
- ❖ **Visiting Fellow, Economic Research Unit, Indian Statistical Institute, Kolkata** (Summer 2007).

### Employment History

- ❖ **Senior Economist, NIPFP, New Delhi, India**, (Aug 2007- March 2015)
- ❖ **Senior Fellow, Indian Council for Research On International Economic Relations (ICRIER), New Delhi (On Leave from NIPFP)**, (Sep 2012 –Sep 2013 )
- ❖ **Economist, NIPFP, New Delhi, India** (Feb 2004 – Aug 2007).
- ❖ **Fellow, Institute for Integrated Learning in Management (IILM) (Affiliated to Bradford University, UK), New Delhi; India**,(Aug 2003- Jan 2004)
- ❖ **Contractual Lecturer Positions in Academic Institutions** for a period of nearly **three years** (Between September 2001 to August 2003; and July 1994 to August 1995): **Lecturer**, Lady Shriram College, Delhi University, Delhi, Ramlal Anand College, Delhi University, Delhi; Bethune College, Calcutta University, Calcutta.

### Awards and Fellowships

- ❖ Recipient of **Mac Arthur Foundation Award** for writing a paper on 'Performance Evaluation of Urban Lo-cal Governments: A case for Indian Cities'. This award was given to six researchers in different fields in Asia.
- ❖ Awarded a Post-Doctoral Fellowship by **International Centre for Tax and Development (ICTD)**, Institute of Development Studies, University of Sussex, Brighton, UK for two months (May-June, 2011) to visit Andrew Young School of Public Policy, Georgia State University, USA and Institute of Development Studies, UK.
- ❖ Awarded University Grants Commission (UGC)-Junior & Senior Research Fellowships (1996-2001)
- ❖ Qualified National Eligibility Test for Lecturership (1994)
- ❖ Qualified State Level Eligibility Test for Lecturership (1994) for West Bengal
- ❖ Awarded Merit Scholarship by Government of West Bengal for outstanding performance in Secondary Examination.

## Academic Qualification

**Ph.D.** in Economics from Centre for Economic Studies and Planning (CESP), Jawaharlal Nehru University (JNU), New Delhi, India for a thesis Titled *Externality, Environment, Regulation: A Mechanism Design Approach*.

- ❖ **M.Sc.** in Economics from University of Calcutta.  
Special Field: Advanced Economic Theory. Optional Paper: Econometrics.
- ❖ **B.Sc.** from Calcutta University.  
Subjects Taken: Economics (Hons.), Statistics, Mathematics, English.

## Areas of Interest

### Public Finance and Public Policy

- ❖ Urban Finance and infrastructure
- ❖ Urban Governance
- ❖ Analysis of Fiscal health of governments
- ❖ Decentralisation of functions and funds
- ❖ Revenue Mobilisation, Expenditure Management
- ❖ Estimation of Taxable Capacity and Expenditure Needs: Fiscal Gap Analysis
- ❖ Determinants of Fiscal Gap
- ❖ Real Estate Markets
- ❖ Education Sector
- ❖ Efficiency in service delivery
- ❖ Institutional arrangements in service delivery
- ❖ Estimation of Cost of Service Provision
- ❖ Interaction between State and local Finances: Intergovernmental Transfers
- ❖ Agglomeration Economics, Urban poverty

### Issues related to Industrial Performance in India

- ❖ Performance of Industries under different policy regimes
- ❖ Determinants of Productivity and efficiency of Industries
- ❖ Simulation of alternative policy regimes for environmental management
- ❖ Strategies for Environmental Management for industries
- ❖ Efficiency Analysis of industries

### Tools for Quantitative Analysis: Statistical and Mathematical Programming Techniques

- ❖ Data Analysis
- ❖ Parametric Econometric Techniques
- ❖ Performance Evaluation Techniques: parametric and non-parametric
- ❖ Data Envelopment Analysis
- ❖ Stochastic Production Frontier Analysis
- ❖ Data Reduction Methods: Factor Analysis

## Publications Refereed Articles in Journals /Edited Books

- ❖ Simanti Bandyopadhyay and Debraj Bagchi: *'In Search of Untapped Revenues in Indian Cities: A Case for Municipal Corporation of Delhi'*, *Journal of Developing Areas*, Vol 51, Number 1, Winter 2017, Pp 411-421.

- ❖ Simanti Bandyopadhyay: 'Financial Management and Service Delivery: A Non parametric Analysis for Indian Cities', *Annals of Regional Science*, May 2015, DOI 10.1007/s00168-015-0673-1.
- ❖ Simanti Bandyopadhyay: 'Local government finance: challenges in revenue- raising at the Municipal Corporation of Delhi', *Commonwealth Journal of Local Governance* Issue 16: May 2015, <http://epress.lib.uts.edu.au/ojs/index.php/cjlg>
- ❖ Simanti Bandyopadhyay and Debraj Bagchi: 'Untapped Potential for User Charges in India's Capital City: Economics or Political Will?', *Proceedings of the Australasian Conference on Business and Social Sciences 2015*, Sydney, Pp 1322-1337, April 2015, ISBN 978-0-9925622-1-2, <https://www.aabss.org.au/conference/acbss-2015-sydney/proceedings/all-papers>
- ❖ Simanti Bandyopadhyay: '*Impact of Area Based Valuations in Property Taxation: A Tale of Two Indian Cities*'. *Journal of Property Tax Assessment & Administration*, December 2014, Canada and US.
- ❖ Simanti Bandyopadhyay: '*Critical Issues in Municipal Finance: A Summary for India*', *American International Journal of Social Science*, US, Vol3, No.4, July 2014. 6
- ❖ Simanti Bandyopadhyay: '*A Framework for Assessing the Fiscal Health of Cities: Some Evidence from India*', *Urban Public Economics Review*, No 19, December 2013.
- ❖ Simanti Bandyopadhyay and Subrata Majumdar: '*Performance Evaluation Techniques: An Application to Indian Garments Industry*' in 'Development and Sustainability: India in a Global Perspective' eds. S Banerjee and A. Chakrabarty, Published by Springer International, May 2013.
- ❖ Subrata Majumdar, Sarmila Banerjee and Simanti Bandyopadhyay: '*Productivity Performance of Indian Chemical Sector: Post-Reform Perspective*', *The Journal of Industrial Statistics*, 1(2), 182–207 October 2012.  
[http://mospi.nic.in/Mospi\\_New/upload/JIS\\_2012/Prod\\_Chemical\\_Sector\\_Post\\_R.pdf](http://mospi.nic.in/Mospi_New/upload/JIS_2012/Prod_Chemical_Sector_Post_R.pdf)
- ❖ Simanti Bandyopadhyay : '*Properties of Revenue Neutral Auctions: An Analysis for Tradable Pollution Rights*', *Journal of Developing Areas*, Vol 45, pp 53-71, Fall, 2011.
- ❖ Simanti Bandyopadhyay: '*In Search of Contextual Variables in a Stochastic DEA Framework: Effect of Regulation on Efficiency of Indian Cement Industry*', *Journal of Operational Research Society*, (2011) 62, pp1621–1637; doi:10.1057/jors.2010.193, February 2011.
- ❖ Simanti Bandyopadhyay: '*Effect of Regulation on Efficiency: Evidence from Indian Cement Industry*', *Central European Journal of Operations Research*, Volume 18(2), 153-170pp, June, 2010, DOI 10.1007/s10100-009-0118-y, November 2009.
- ❖ Simanti Bandyopadhyay: '*Regulation, Technical Efficiency and its Determinants: Evidence from Indian Cement Industry*' published in *Proceedings of the 12th International Conference on operational Research*, V. Boljuncic, L. Neralic, K. Soric (editors), Pula, September 24-26th, 2008, UDK: 519.8, ISSN: 131-148, pp.
- ❖ Sarmila Banerjee and Simanti Bandyopadhyay: '*Prospects of Market for Water Pollution in India: A Study Based on Selected Dirty Industries*' in a book titled 'India: Industrialisation in a Reforming Economy' (Essays for K.L.Krishna) eds Suresh D. Tendulkar, Arup Mitra, K. Narayanan and Deb Kusum Das; Academic Foundation, 2005; Pp 617-637.  
<http://books.google.co.in/books?id=Ci26euqewVgC&pg=PA633&lpg=PA633&dq=%E2%80%A2%09Bandyopadhyay+S:+%E2%80%98Permit+Trading+and+Industrial+Pollution+Control:+A+Prospect+Study+Based+on+Selected+Indian+Industries%E2%80%99&source=bl&ots=fkA25uBa7&sig=qsy70pLdsBmGHkq4AKiAKTGPItE&hl=en&sa=X&ei=XLnXU7KhN8zluASL9IDwBQ&ved=0CBsQ6AEwAA#v=onepage&q=%E2%80%A2%09Bandyopadhyay%20S%3A%20%E2%80%98Permit%20Trading%20and%20Industrial%20Pollution%20Control%3A%20A%20Prospect%20Study%20Based%20on%20Selected%20Indian%20Industries%E2%80%99&f=false>

## Refereed Working Papers

- ❖ Simanti Bandyopadhyay: '*Some New Thoughts on Performance Evaluation of Governments: An Application to Indian Cities*', Working Paper 14-30, Andrew Young School of Policy Studies, Georgia State University, Atlanta, USA, July 2014 <http://scholarworks.gsu.edu/icepp/3>.
- ❖ Simanti Bandyopadhyay: '*Municipal Finance In India: Some Critical Issues*', International Center for Public Policy, Working Paper 14-21, Andrew Young School of Policy Studies, Georgia State University, Atlanta, USA, June 2014. [http://aysps.gsu.edu/isp/working\\_papers.html](http://aysps.gsu.edu/isp/working_papers.html)
- ❖ Simanti Bandyopadhyay and Debraj Bagchi: '*Are User Charges Under-utilised in Indian Cities? An Analysis for Delhi*', International Center for Public Policy, Working Paper 13-26, Andrew Young School of Policy Studies, Georgia State University, Atlanta, USA, December 2013. [http://aysps.gsu.edu/isp/working\\_papers.html](http://aysps.gsu.edu/isp/working_papers.html)
- ❖ Simanti Bandyopadhyay : '*Property Taxation in Indian Cities: A Comparison of Delhi and Bangalore*' International Center for Public Policy, Working Paper 13-21, Andrew Young School of Policy Studies, Georgia State University, Atlanta, USA, October 2013, [http://aysps.gsu.edu/isp/working\\_papers.html](http://aysps.gsu.edu/isp/working_papers.html).
- ❖ Simanti Bandyopadhyay : '*Estimating Fiscal Health of Cities: A Methodological Framework for Developing Countries*', International Center for Public Policy, Working Paper 13-19, Andrew Young School of Policy Studies, Georgia State University, Atlanta, USA, September 2013, [http://aysps.gsu.edu/isp/working\\_papers.html](http://aysps.gsu.edu/isp/working_papers.html).
- ❖ Simanti Bandyopadhyay : '*Performance Evaluation of Urban Local Governments: A Case for Indian Cities*', International Center for Public Policy, Working Paper 12-32, Andrew Young School of Policy Studies, Georgia State University, Atlanta, USA, October 2012. [http://aysps.gsu.edu/isp/working\\_papers.html](http://aysps.gsu.edu/isp/working_papers.html)
- ❖ Simanti Bandyopadhyay, O P Bohra and Aishna Sharma: '*Decentralisation in Jharkhand: Some Implications for Urban Service Delivery*', International Studies Program Working Paper 11-14, Andrew Young School of Policy Studies, Georgia State University, Atlanta, USA, May 2011. [http://aysps.gsu.edu/isp/working\\_papers.html](http://aysps.gsu.edu/isp/working_papers.html)
- ❖ Simanti Bandyopadhyay: '*Finances of Urban Local Bodies in Jharkhand: Some Issues and Comparisons*', International Studies Program Working Paper 11-13, Andrew Young School of Policy Studies, Georgia State University, Atlanta, USA, May 2011. [http://aysps.gsu.edu/isp/working\\_papers.html](http://aysps.gsu.edu/isp/working_papers.html)
- ❖ Simanti Bandyopadhyay and M Govinda Rao: '*Fiscal Health of Selected Indian Cities*', Policy Research Working Paper No: 4863, The World Bank, World Bank Institute, Poverty Reduction and Economic Management Division, Washington DC, March 2009. [http://www-wds.worldbank.org/external/default/WDSContentServer/IW3P/IB/2009/03/10/000158349\\_20090310132455/Rendered/PDF/WPS4863.pdf](http://www-wds.worldbank.org/external/default/WDSContentServer/IW3P/IB/2009/03/10/000158349_20090310132455/Rendered/PDF/WPS4863.pdf)
- ❖ Simanti Bandyopadhyay: '*Regulation, Efficiency and its Determinants: A Stochastic DEA Approach for Indian Cement Industry*', Discussion Paper No: ERU/2009-01, Discussion Paper Series, Economic Research Unit, Indian Statistical Institute, Kolkata, February 2009. [http://www.google.co.in/url?sa=t&rct=j&q=&esrc=s&frm=1&source=web&cd=1&cad=rja&uact=8&ved=0CB0QFjAA&url=http%3A%2F%2Fwww.researchgate.net%2Fpublication%2F228410133\\_Regulation\\_efficiency\\_and\\_its\\_determinants\\_a\\_stochastic\\_DEA\\_approach\\_for\\_indian\\_cement\\_8industry%2Ffile%2F0b49521705b5ca2f8.pdf&ei=t7TXU53iMpCPuATE8IH0CA&usg=AFQjCNFOu0wEe0xuuX58DARb8B50IXS14A&bvm=bv.71954034,d.c2E](http://www.google.co.in/url?sa=t&rct=j&q=&esrc=s&frm=1&source=web&cd=1&cad=rja&uact=8&ved=0CB0QFjAA&url=http%3A%2F%2Fwww.researchgate.net%2Fpublication%2F228410133_Regulation_efficiency_and_its_determinants_a_stochastic_DEA_approach_for_indian_cement_8industry%2Ffile%2F0b49521705b5ca2f8.pdf&ei=t7TXU53iMpCPuATE8IH0CA&usg=AFQjCNFOu0wEe0xuuX58DARb8B50IXS14A&bvm=bv.71954034,d.c2E)
- ❖ Simanti Bandyopadhyay: '*Environmental Regulation and Technical Efficiency: A Data Envelopment Analysis for Indian Cement Industry*' Discussion Paper No; ERU/2007 - 01, Discussion Paper Series, Economic Research Unit, Indian Statistical Institute, Kolkata, October, 2007. <http://www.isical.ac.in/~eru/erudp/2007-01.pdf>

- ❖ Sarmila Banerjee and Simanti Bandyopadhyay: *'Permit Trading and Industrial Pollution Control: A Prospect Study Based on Selected Indian Industries'*, Seminar Paper # 5 /2000-2001 in Department of Economics, Calcutta University.

## Case Studies and Reports

- ❖ Simanti Bandyopadhyay: *'Property Taxation in Indian Cities: A Comparison of Delhi and Bangalore'*, mimeo ICRIER September 2013.[http://icrier.org/Urbanisation/events/Simanti\\_Sept\\_30\\_2013.pdf](http://icrier.org/Urbanisation/events/Simanti_Sept_30_2013.pdf)
- ❖ Simanti Bandyopadhyay: *'Towards more Self Reliance in Municipal Finance: Constraints and Prospects for Municipal Corporation of Delhi'* Ministry of Urban Development, mimeo ICRIER, June 2013.
- ❖ Simanti Bandyopadhyay: *'Municipal Finance in India: Problems and Prospects'* Ministry of Urban Development, mimeo ICRIER, January 2013.
- ❖ Simanti Bandyopadhyay: *'Performance Evaluation of Urban Local Governments: A case for Indian Cities'*, Mac Arthur Foundation, July 2012.
- ❖ Simanti Bandyopadhyay: *'An Appraisal of UIDSSMT Reforms In The State of Maharashtra: A Case Study of Aurangabad Municipal Corporation'*: Ministry of Urban Development, India, January, 2012.
- ❖ Simanti Bandyopadhyay: *'An Appraisal of UIDSSMT Reforms In The State of Maharashtra: A Case Study of Kolhapur Municipal Corporation'*: Ministry of Urban Development, India, January, 2012.
- ❖ Simanti Bandyopadhyay: *'An Appraisal of UIDSSMT Reforms In The State of Maharashtra: A Case Study of Malegaon Municipal Corporation'*: Ministry of Urban Development, India, January, 2012
- ❖ Simanti Bandyopadhyay: *'An Appraisal of UIDSSMT Reforms In The State of Maharashtra: A Case Study of Panvel Municipal Council'*: Ministry of Urban Development, India, January, 2012.
- ❖ Simanti Bandyopadhyay: *'An Appraisal of UIDSSMT Reforms In The State of Maharashtra: A Case Study of Latur Municipal Council'*: Ministry of Urban Development, India, January, 2012
- ❖ Simanti Bandyopadhyay: *'An Appraisal of UIDSSMT Reforms In The State of Maharashtra: A Case Study of Jalna Municipal Council'*: Ministry of Urban Development, India, January, 2012.
- ❖ Simanti Bandyopadhyay: *'An Appraisal of UIDSSMT Reforms In The State of Maharashtra: A Case Study of Shirdi Municipal Council'*: Ministry of Urban Development, India, January, 2012.
- ❖ Simanti Bandyopadhyay: *'An Appraisal of UIDSSMT Reforms In The State of Maharashtra: A Case Study of Islampur Municipal Council'*: Ministry of Urban Development, India, January, 2012.
- ❖ Simanti Bandyopadhyay: *'An Appraisal of UIDSSMT Reforms In The State of Maharashtra: A Case Study of Panchgani Hill Station Municipal Council'*: Ministry of Urban Development, India, January, 2012.
- ❖ Simanti Bandyopadhyay and O P Bohra: *'Functions and Finances of Urban Local Bodies in Jharkhand'*, Urban Development Department, Government of Jharkhand, May, 2010.
- ❖ Kala Sridhar, Simanti Bandyopadhyay and Satadru Sikdar: *'Improving Fiscal Health of Indian Cities: A Synthesis of Five Indian Cities'*, World Bank, 2008.
- ❖ Kala Sridhar, Simanti Bandyopadhyay and Satadru Sikdar: *'Improving Fiscal Health of Indian Cities: A Pilot Study on Chennai'*, World Bank, 2008.
- ❖ Kala Sridhar, Simanti Bandyopadhyay and Satadru Sikdar: *'Improving Fiscal Health of Indian Cities: A Pilot Study on Hyderabad'*, World Bank, 2008.
- ❖ N J Kurian, M P Lama, Simanti Bandyopadhyay, S. Chattopadhyay and A Bhasin: *'Sikkim Development Report'*, Academic Foundation, New Delhi, 2008.

- ❖ Kala Sridhar and Simanti Bandyopadhyay: *'Improving Fiscal Health of Indian Cities: A Pilot Study on Pune'*, World Bank, 2007.
- ❖ Kala Sridhar, Simanti Bandyopadhyay and Satadru Sikdar: *'Improving Fiscal Health of Indian Cities: A Pilot Study on Delhi'*, World Bank, 2007.
- ❖ Kala Sridhar and Simanti Bandyopadhyay: *'Improving Fiscal Health of Indian Cities: A Pilot Study on Kolkata'*, World Bank, 2007

## Ongoing Research

- ❖ Working on a research paper on efficiency in the education sector in India and gender specific consequences.
- ❖ Working on a research paper on a comparative fiscal health of cities in South Asian Countries.
- ❖ Working on a research paper relating the conspicuous consumption in the real estate markets and the food security problems in India.
- ❖ Working on a Book Review of the book *Economic Theory and Policy Amidst Global Discontent*, published by Routledge, Taylor and Francis Group.
- ❖ Working on a Book titled *Microeconomics: Theory and Applications for Business* to be published by Springer International.
- ❖ Working on an edited volume titled *'Opportunities and Challenges in Development'* to be published by Springer international.
- ❖ Working on a book titled *Performance Evaluation of Decision Making Units as Springer Briefs Series*, to be published by Springer International
- ❖ *An Analysis of Financial Health and Service Delivery of Urban Local Bodies in India: A Case for Tamil Nadu*
- ❖ *Physical and Financial Norms and Standards on Services: Some Reflections for Indian Cities*
- ❖ *Fiscal Health of Cities: Some Evidence from India.*

## Research Projects/Consultancy

- ❖ September 2014-April 2015: **A Study on State Finances in Bihar**, funded by Fifth State Finance Commission of Bihar.
- ❖ January 2013-till date: **Finances and Service Delivery of Urban Local Bodies in Tamil Nadu: A Detailed Analysis with State Finance Commission Data**(Independent Research)
- ❖ September 2012-September 2013: Principal Researcher, **A Program on Capacity Building, Knowledge Dissemination and Research on Urbanization in India (Municipal Finance Component)**, Funded by Ministry of Urban Development.
- ❖ January 2012-September 2012: Project Leader, **Performance Evaluation of Urban Local Governments: A case for Indian Cities**, funded by Mac Arthur Foundation.
- ❖ January 2011- August 2011: Consultant and Chief Researcher for **Fourth Tamil Nadu State Finance Commission**, Project on **Analysis of Financial Position of ULBs in the state of Tamil Nadu**, with Centre for Development Finance, IFMR, Chennai.
- ❖ August 2010-January 2012: Project Leader, **Appraisal of Monitoring and Implementation of UIDSSMT Reforms in Maharashtra**, Project funded by Ministry of Urban Development, Government of India. Nine Reports submitted.
- ❖ March 2009–May 2010: Project Leader, **Functions and Finances of Urban Local Bodies in Jharkhand**, Project Funded by Government of Jharkhand. Report Submitted.
- ❖ August 2008- December 2008: Senior Economist, **National Strategy for Urban Poor** funded by UNDP and Ministry of Housing and Urban Poverty, Government of India.



- ❖ November 2009-January 2010: Senior Economist, **Municipal Study of India** funded by Asian Development Bank.
- ❖ December 2006-July 2008: Research Co-coordinator, **Fiscal health of Indian Cities** funded by World Bank with M. Govinda Rao, Director, NIPFP, Six Reports submitted.
- ❖ September 2005-October 2006: Economist, **Strengthening Fiscal Capacity of Indian Cities: Implications for Revenue, Service Delivery and Economic Activity** (funded by World Bank) with Somik Lall (Visiting Fellow, NIPFP; Senior Economist, World Bank, Washington DC).
- ❖ July 2004-November 2004: Economist, **Costs of Urban Infrastructure: Evidence from Indian Cities** (funded by SANEI) with Kala Sridhar and O.P. Mathur.
- ❖ February 2004- November 2007: Economist, **Sikkim State Development Report**, with Dr. N. J. Kurian, Senior Consultant, NIPFP, a project funded by **Planning Commission, India**. Report Published by Academic Foundations, New Delhi.
- ❖ May 2002-December 2002: **World Bank Project** on **Fiscal Decentralisation in Kerala**, assisting Prof M.A. Oommen of Institute of Social Sciences, New Delhi.

## Research Supervision/ Other Academic Activities

### Research Supervision

- ❖ **Associate Supervisor**, Ph.D. thesis titled '*Performance of Indian Chemical Sector: Post Reform Perspective*', University of Calcutta, India (submitted and awarded in 2011)
- ❖ Advisor, Undergraduate Thesis 'A Quantitative Analysis on States' Fiscal performances in India' in Economics Department, Shiv Nadar University.

### Journals Reviews

- ❖ OPSEARCH, a journal on operations research published by Springer,
- ❖ *Central European Journal of Operations Research, official Journal of OR Societies in Central European Countries Published from Vienna, Austria,*
- ❖ *Journal of Developing Areas, USA.,*
- ❖ *Journal of Agricultural Economics and Development*
- ❖ *IIMB Management Review*, Production and Hosting by Elsevier B.V. on behalf of the Indian Institute of Management Bangalore
- ❖ *Studies in Microeconomics, Sage Publications*

### External Examiner, (MPhil/PhD Thesis)

- ❖ Jadavpur University, Kolkata,
- ❖ University of Delhi, Delhi.

**External Panelist** for Personal Interviews and Group Discussions for entrance examination of Masters in Business Economics (MBA) in Delhi University.

**External Reviewer, Springer International** (for Books on Economics and Public Policy area).

## Capacity Building

- ❖ Part of the Organising team for a two-day workshop for Government Officials from different states during November 5-6, 2012, in Administrative Staff College of India, Hyderabad as a part of ICRIER's Program on Capacity Building and Knowledge Dissemination on Urbanization in India

- ❖ Organised a workshop of Urban Finance in India and presented a broad overview of researchable issues on Municipal Finance theme, chaired by Dr Isher Judge Ahluwalia, Chairperson, ICRIER and attended by distinguished guests as member of the advisory group, Dr Rajat Kathuria, Director ICRIER and members of the urbanisation team, held in ICRIER on October 10, 2012.
- ❖ Co-ordinated a course on Fiscal Policy and Expenditure Management for Government Officials of Assam, held in NIPFP during September 19-23, 2011.
- ❖ Co-ordinated a course on Public Economics for Indian Audit & Accounts Services probationers in NIPFP, during February 9-20, 2009.
- ❖ Co-ordinated (jointly with Kavita Rao, Senior Fellow, NIPFP) a course on Public Economics for IRS (Excise and Customs) Probationers in NIPFP in April 2007.
- ❖ Co-ordinated two Courses on Public Economy Policy for Bhutan Government Officials in NIPFP funded by Royal Government of Bhutan, during May 22-26 and June 5-9, 2006.

### **Conferences/Seminars/Workshops/Lectures**

- ❖ Invited Speaker, Urban Fellows Program in Indian Institute for Human Settlements (IIHS), Bangalore (February 11-12, 2019)
- ❖ Invited to Chair a Session on 'Sustainable Development Goals', under the theme 'Economics of Sustainable Development', in International Conference on Business, Economics and Sustainable Development, organised by TERI School of Advanced Studies, during January 17-18, 2019 in Delhi.
- ❖ Participant, Workshop on Spatial Econometric in Presidency University, Kolkata, during Jan 3-5, 2019
- ❖ Participant, Workshop on Non parametric Econometrics, organized by Economics Area, IIM Calcutta during August 13-16, 2018.
- ❖ Invited to deliver a series of lectures on Performance Measurement of Decision Making Units: Principles and Applications to Masters level students in Department of Economics, Presidency University, Kolkata, during July 23-August 3, 2018.
- ❖ Invited to deliver a series of lectures (September 12 and 19, 2017) on Municipal Taxation in India: Major Components and Challenges' in the Eleventh International HRD Program on Municipal Finance, Expenditure Management and Performance Outcomes. This was a four week training/capacity building program (August 28 -September 23, 2017) for government officials of eight countries organized by Ministry of External Affairs, Government of India, in Society for Development Studies, India Habitat Centre, Delhi.
- ❖ Invited Discussant for a paper titled 'Examining the Eco-Macroeconomic Performance Index of India: A Data Envelopment Analysis Approach', in a Two-day conference on Papers in Public Economics and Policy organized by National Institute of Public Finance and Policy, New Delhi, Date: 23-24th March, 2017.
- ❖ Presented a paper titled 'Untapped Potential for User Charges in India's Capital City: Economics or Political Will?' (co-author Debraj Bagchi) in Australasian Conference on Business and Social Sciences 2015, Sydney, during April 13-14, 2015.
- ❖ Invited Panelist, for the session on 'Lending for Development of Public Infrastructure' in a Conclave on 'Financing Infrastructure Projects in India' organized by National Institute of Bank Management, Pune, India held on October 18, 2014.
- ❖ Delivered a lecture on '*Critical Issues in Urban Development: The Indian Experience*' on May 16, 2014 in a training program on Public Finance for IES probationers in NIPFP.
- ❖ Delivered a talk on '*Critical Issues in Urban Development :The Indian Experience*' as an Invited Panelist and Resource Person, for a Workshop on 'Urban Governance and Finance', organized

by the Fourth State Finance Commission of Odissa in Nabakrushna Chowdhury Centre for Development Studies, Bhubaneswar on March 29, 2014.

- ❖ Delivered a lecture on '*Critical Issues in Urban Development: The Indian Experience*' on February 7, 2014 in a training program on Public Finance for IA&AS probationers in NIPFP.
- ❖ Invited Speaker, '*ASI Data: Some Researchable Issues in India*' in a workshop on Research Methodology for university Teachers in Jamia Milia Islamia University on December 9, 2013.
- ❖ Invited Speaker, '*Urbanisation, Urban Finance and Service Delivery: Some Critical Issues*' in a workshop on Research Methodology for university Teachers in Jamia Milia Islamia University on December 9, 2013.
- ❖ Invited Speaker, '*Property Taxation in Indian Cities: A Comparison of Delhi and Bangalore*' on November 12, 2013 in a training program for government officials from urban local bodies in different states of India organized by HUDCO in Delhi.
- ❖ Gave a seminar on '*Property Taxation in Indian Cities: A Comparison of Delhi and Bangalore*' at ICRIER on September 30, 2013.
- ❖ Delivered a lecture on '*Urban Economics and Finance: The Indian Experience*' in Academic Staff College, JNU, in the 46th Refresher Course in Economics for University Teachers on 21st March, 2013.
- ❖ Invited Panellist, for the session on '*Connecting Cities to Finance*' in a conference on '*Market Meets the City*', Organised jointly by Bharti Institute of Public Policy and Punj Lloyd Institute of Physical Infrastructure Management, Indian School of Business, India, held in Indian School of Business, Mohali on 16th March, 2013. <http://events.isb.edu/marketmeetsthecity/programme.html>
- ❖ Conducted a workshop on '*Urban Finance in India*' in ICRIER on October 10, 2012, chaired by Dr Isher Judge Ahluwalia.
- ❖ '*Performance Evaluation of Urban Local Governments: A case for Indian Cities*', Invited speaker Stakeholder's Conference: Strategic and Economic Capacity Building Program, organized by ICRIER and Mac Arthur Foundation, July 30, 2012.
- ❖ '*Economics of Cities: The Indian Experience*': Lecture delivered in the Refresher Course for University Teachers in NIPFP on June 1, 2012.
- ❖ '*Critical Issues in Urban Finance and Governance: The Indian Experience*': Lecture delivered for IES Probationers Training Program in NIPFP on May 18, 2012.
- ❖ Delivered a lecture on '*Urban Finances and Governance: The Indian Experience*' for a Training Program in Public Finance for Indian Statistical Services Probationers held in NIPFP during May 7-11, 2012.
- ❖ Invited speaker, Public Lecture on '*Challenges of Metropolitan Management: The Indian Experience*', April 19, 2012, MUNK School of Global Affairs, University of Toronto, Canada.
- ❖ Delivered a lecture on '*Indian cities: Where do we Stand*' to Masters Students at University of Toronto in a course on Global Cities, March 19, 2012.
- ❖ Gave a Presentation on '*An Appraisal of UIDSSMT Reforms In The State of Maharashtra*' in Ministry of Urban Development, Government of India on January 23, 2012.
- ❖ Invited speaker, on '*Urban Financing and Service Delivery in India*' in the Annual Meeting of International Centre for Tax and Development in Institute of Development Studies, University of Sussex, Brighton, UK on June 22, 2011.
- ❖ Accepted paper titled '*In Search of Contextual Variables in a Stochastic DEA Framework: Effect of Regulation on Efficiency of Indian Cement Industry*' in 13th International Conference on Operations Research to be held in Split, Croatia, during September 29-October1, 2010.
- ❖ Delivered a lecture on '*Functions and Finances of Urban Local Bodies in India*' in Refresher Course for University Teachers organized by NIPFP during May 10-June 4, 2010.

- ❖ Delivered a lecture on '*Sustainable Development: Some Implications for Public Policy*' in Refresher Course for University Teachers organized by NIPFP during May 10-June 4, 2010.
- ❖ Presented the Findings of the Project '*Functions and Finances of Urban Local Bodies in Jharkhand*' in Department of Urban Development, Ranchi on April 6, 2010.
- ❖ Conducted a Workshop on '*Quantitative Techniques for Managers*' for MBA students in Faculty of Management Studies, Delhi University, New Delhi, in November 2009.
- ❖ Delivered a lecture on '*Performance Measurement of Decision Making Units: Principles and Applications*' on October 15, 2009, in Refresher Course for University Teachers held in Jamia Milia Islamia.
- ❖ Delivered a lecture on '*Externality, Environment, Taxes: Concepts and Issues*' on November 10, 2009, in a Training Program Designed for Indian Revenue Services Probationers in NIPFP during November 9-20, 2009.
- ❖ Delivered a lecture on '*Financing Urban Development: Some Critical Issues*' on June 15th, 2009, in a course on Public Finance for Indian Economic Service Probationers in NIPFP, during June 8-19, 2009
- ❖ Delivered a lecture on '*Performance Measurement of Decision Making Units: Principles and Applications*' on June 8, 2009, in Refresher Course for College and University Teachers, organized by National Institute of Public Finance and Policy, during May 25, 2009 –June 19, 2009.
- ❖ Delivered a lecture on '*Financing Urban Development: Some Critical Issues*' in a course on Public Finance for Indian Economic Service Probationers in NIPFP, during April 13-24, 2009.
- ❖ Delivered a series of six lectures on '*Data envelopment Analysis*' to M Phil/PhD students in Department of Business Economics, University of Delhi (South Campus), New Delhi, during March 19-April 27, 2009.
- ❖ Seminar on '*Analysis of Technical Efficiency using DEA: An Application to Indian Manufacturing Industries*' on March 12, 2009, in Department of Economics, University of Calcutta.
- ❖ Participated in an International Three-day Workshop on '*Productivity and Efficiency Analysis*' organized by Delhi School of Economics and Swiss Re held in New Delhi during January 5-7, 2009.
- ❖ Delivered a lecture on '*Externality, Environment, Taxes: Concepts and Issues*' on November 19, 2008, in a Training Program Designed for Indian Revenue Services Probationers in NIPFP during November 3-21, 2008.
- ❖ Delivered two lectures on '*Measurement of Efficiency of Firms with Environmental Constraints – Parametric and Non parametric Methods*' for a course on Environmental Economics designed for MPhil/PhD students in Centre for Economic Studies and Planning, Jawaharlal Nehru University, New Delhi , during November 11-18, 2008.
- ❖ Delivered a lecture on '*Financing Urban Development: Some Critical Issues*' on 29th October, 2009 In Refresher Course for University and College Teachers organized in Jamia Milia Islamia during Oct-Nov 2009.
- ❖ Presented a paper titled '*Regulation, Technical Efficiency and its Determinants: Evidence from Indian Cement Industry*' at the 12th International Conference on Operational Research KOI 2008 held in Pula, Croatia, during September 24 – 26, 2008.
- ❖ Delivered a lecture on '*Data Collection, Data Analysis and Presentation*' in Centre for Civil Society, New Delhi, on May 28, 2008.
- ❖ Presented '*Improving the Fiscal Health of Indian Cities: A Pilot Study of Chennai, Delhi, Kolkata, Hyderabad, and Pune - Main Findings*' in the International Seminar on *Measuring Fiscal Health of Cities*, organized by World Bank Institute, held in World Bank Headquarters, Washington DC during April 24-25, 2008.
- ❖ Presented '*Improving the Fiscal Health of Indian Cities: A Pilot Study of Chennai, Delhi, Kolkata, Hyderabad, and Pune - Overview, Data, Methodology*' (co-author M. Govinda Rao) in the

International Seminar on *Measuring Fiscal Health of Cities*, organized by World Bank Institute, held in World Bank Headquarters, Washington DC during April 24-25, 2008.

- ❖ Invited Speaker, International Seminar on '*Measuring Fiscal Health of Cities*', organized by World Bank Institute, held in World Bank Headquarters, Washington DC during April 24-25, 2008.
- ❖ Delivered a series of four lectures to M Phil students in Department of Business Economics, University of Delhi (South Campus), New Delhi, during March 15-31, 2008.
- ❖ Delivered a series of eight lectures on Data Envelopment Analysis to M Phil students in Department of Economics, University of Calcutta, Kolkata while visiting the Department in Spring 2008.
- ❖ Delivered a lecture on '*Financing Urban Development: Some Critical Issues*' on 5th February, in a training program on *Issues in Public Finance* for Indian Audit and Accounts Services Probationers held in NIPFP during 21st January 2008-8th February 2008.
- ❖ Delivered a lecture on '*Environmental Taxation: Concepts and Issues*' on 7th December in a training program for Indian Revenue Service Probationers held in NIPFP on *Issues in Public Finance: An Overview* during 26th November-7th December, 2007.
- ❖ Delivered a lecture on '*City Finances in India: Some Critical Issues*' on 4th December in a training program for Indian Revenue Service Probationers held in NIPFP on *Issues in Public Finance: An Overview* during 26th November-7th December, 2007.
- ❖ Given a Seminar on '*Environmental Regulation and Technical Efficiency: A Data Envelopment Analysis for Highly Polluting Industries in India*', on 17th May, 2007, in Indian Statistical Institute, Kolkata.
- ❖ Delivered a lecture on '*Externality, Environment, Taxes: Concepts and Issues*' in a training program for Indian Revenue Service Probationers held in NIPFP on *Issues in Public Finance: An Overview* during April 9-20, 2007.
- ❖ Delivered a lecture on '*Role of Regulation in Environmental Management*' for a Training Program for Indian Audit and Accounts Services Probationers organized by NIPFP, New Delhi, during Jan 22-Feb 2, 2007)
- ❖ Delivered a lecture on '*Sustainable Development with Special reference to Indicators of Sustainability*' in an International Refresher Course Program on Public Economics for College and University Teachers of South Asian Countries (May 29-June 23, 2006) held in NIPFP funded by World Bank.
- ❖ Delivered two lectures on '*Sustainable Development*' in a Course on Public Economy Policy for Bhutan Government Officials in NIPFP funded by Royal Government of Bhutan, during May 22-26 and June 5-9, 2006.
- ❖ Presented the final draft of Sikkim State Development Report, in a Seminar organised by Planning Commission, in Yojana Bhawan, New Delhi in July 2005.
- ❖ Presented a revised draft of Sikkim State Development Report, in a Seminar organised by Planning Commission, in Yojana Bhawan, New Delhi in September 2004.
- ❖ Presented three chapters ('*Sustainable Development and Natural Resource Management*', '*Rural Development*', '*Scheduled Castes and Scheduled Tribes Development*') of *Sikkim State Development Report*, in a National-Level Conference organised jointly by National Institute of Public Finance and Policy and Government of Sikkim in Gangtok, in August 2004.
- ❖ Presented a paper titled '*An Assessment of Industrial Pollution in India: A Unit-level Analysis*', in a session of a bi-monthly Guest Seminar Series in Centre for Studies in Science Policy, JNU on October 14, 2004.
- ❖ Presented a paper titled '*Role of Revenue Neutral Auctions in Activating Markets for Transferable Property Rights: A Game Theoretic Analysis*', in the 38th annual conference of The Indian Econometric Society in Jan 2002 in Chennai.

- ❖ Selected for Presentation in a Forum organized by The Indian Chamber of Commerce, At Indian Chamber of Commerce, Calcutta, the Paper titled '*Permit Trading and Industrial Pollution Control: A Prospect Study Based on Selected Indian Industries*', in 2001.
- ❖ Presented a paper titled '*Permit Trading and Industrial Pollution Control: A Prospect Study Based on Selected Indian Industries*', in the Tenth Annual Conference of Jadavpur University, Calcutta in Jan 2001.
- ❖ Presented a Paper titled '*Permit Trading and Industrial Pollution Control: A Prospect Study Based on Selected Indian Industries*', in the Conference in Honor of Prof. K.L.Krishna in Delhi School of Economics, Dec 2000.
- ❖ Presented a Paper on '*Health Status Worldwide: A Simple Analysis Based on Selected Countries*', in a Seminar Series in Centre for Economic Studies and Planning in December 1995.

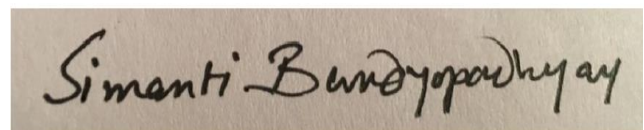
### Important Databases Handled

- ❖ Worked extensively with Municipal Budgets and Financial Reports in India.
- ❖ Worked extensively on Central and State Finance Commission Reports in India.
- ❖ Familiar with State and Central Budgets in India
- ❖ Worked extensively with Unit Level Annual Survey of Industries (ASI) database for Industries with all digit categories.
- ❖ Worked extensively with data published by Census of India
- ❖ Worked extensively with reports of various rounds published by National Sample Survey Organisation (NSSO)
- ❖ Worked extensively with CMIE data particularly PROWESS, CAPEX and District Level Databases
- ❖ Familiar with GIS mapping on various indicators.

**Computer Proficiency** Worked with statistical Packages like EXCEL, EVIEWS, GAMS, R, SPSS and STATA.

### Other Activities

- ❖ Learning Hindustani Classical Music (vocal) from Padma Bhushan Vidushi Shanno Khurana of Rampur- Shehswan Gharana.
- ❖ Involved in research related to Music Therapy.
- ❖ Designed and conducted a study on music therapy on the '*Impact of Music on Body and Mind of Elderly Individuals*'. For the first time in India a live experiment was conducted by performing on stage (by a group) and then collecting data from the audience through a questionnaire on each item presented. This was a major part of a conference on Music Therapy in Sep 2002 at Claridges Hotel, New Delhi, jointly organised by Help Age and World Gerontological Society.
- ❖ The data was analysed and the major findings on the basis of a statistical model was presented on the subsequent day of the conference.
- ❖ Published a paper analysing the results in a conference volume by Help Age and World Gerontological Society.



Simanti Bandyopadhyay