

# Somdutta Banerjee

## Research Interest

My PhD and post PhD research have given the opportunity to explore various issues related to Development Economics, International Trade and Environmental Economics as well as it has enhanced my analytical skill along with the capabilities in survey design, data analysis, networking and drafting of policy reports. Additionally, I have advanced knowledge of econometrics and non-parametric tools for data analysis. Moreover, I applied various parametric and non-parametric econometric techniques in my PhD and post PhD research work. I have comfortably used various statistical software like STATA, EVIEWS, SPSS and AMOS. Currently, I am working on the issues related to Market Access to Trade, Analyzing Economics and business policy and Trade and Environmental Sustainability. I have handled wide-ranging projects sponsored by DFID, UN, GOI and UNESCAP. Moreover, I have participated in the India-EU FTA negotiation round (first) on Government Procurement as a representative of Centre for WTO Studies.

## Teaching Interest

Among the core Economics I am comfortable to take class on Microeconomics, Macroeconomics, Statistics and Econometrics. Additionally, I am comfortable to take class on some additional paper such as International Economics, Environmental Economics, Data Analysis (both primary and secondary) and Research Methodology. My experience in the field of environmental economics, technology-innovation and market access issues in cross-border trade would be beneficial for your organization as these issues are a significant and important part of international business. My knowledge of statistics, advanced econometrics and application of quantitative techniques would also be beneficial for various programs in the organization.

## Present Involvement

Assistant Professor of Economics at Praveen Dalal School of Entrepreneurship and Family Business Management, SVKM's Narsee Monjee Institute of Management Studies, Mumbai

## Educational Achievement

- **Ph.D. in Economics** from Department of Economics University of Calcutta (2017);  
Topic: **Municipal Solid Waste Management Services, Efficient Delivery Mechanism and Household Choice.**
- **M. Phil. In Economics** from Department of Economics University of Calcutta, 2013 (73.2%)  
Topic: **Willingness to Pay before and after Program Implementation: A Study on Municipal Solid Waste Management.**
- **M. Sc. (Economics)** from University of Calcutta (2011); Specialization in Applied Econometrics, International Economics and Resource and Environmental Economics (62.5%).
- **B.Sc. (Economics)** from University of Calcutta, 2009 (50.63%).

## Research Experience (Post Ph.D. – 6+ years)

- **Consultant** at the level of Assistant Professor (Economics) at Centre for WTO Studies, IIFT, New Delhi from 8<sup>th</sup> December, 2022 to 7<sup>th</sup> December 2023.
- **Senior Research Fellow** at Centre for WTO Studies, IIFT, New Delhi from 1<sup>st</sup> January 2020 to 7<sup>th</sup> December, 2022.
- **Research Associate** at **Indian Institute of Foreign Trade (IIFT)**, Delhi from 1<sup>st</sup> January 2018 to 31<sup>st</sup> December 2019.
- **Consultant** in **Institute of Economic Growth (IEG)** in the project titled as “Developing Future Socio-Economic Scenarios for India in the context of Climate Change” from 11<sup>th</sup> April 2017 to 10<sup>th</sup> September 2017.
- **Research Assistant** in **NITI Aayog** funded project “**State Finances of West Bengal**” at Indian Institute of Management (IIM) Calcutta from September 16, 2016, to February 28, 2017.
- **Research Assistant** in Government of India funded project “**A Study on Fiscal Implications arising out of the Fifth and Sixth Central Pay Commissions on the Finances of the Union and State Governments**” commissioned by 7<sup>th</sup> Central Pay–Commission at Indian Institute of Management Calcutta (August 1 – October 7 2014).

- **Research Assistant** in UGC funded project “**Municipal Governance Practices in Solid Waste Management**” in Departmental Research Support (DRS-1); Department of Economics; University of Calcutta (November 2011 – July 2012).

### Teaching Experience

- Took class on Effective Data Collection and Analysis in Faculty Development Program on Funded Research Projects at Atlas Skill Tech University from 16<sup>th</sup> to 21<sup>st</sup> October.
- Took class on Trade and Environment Negotiation under WTO at Indian Technical and Economic Cooperation (ITEC) at Centre for WTO Studies, 2023
- Took classes on India’s BIS Technical Regulations and Product Standards in Professional Training Programme for the ITS Probationers, 2022 at Indian Institute of Foreign Trade (IIFT). Delhi.
- **Visiting Faculty** in **Shiv Nadar University** at **School of Management and Entrepreneurship**, teach a course titled as **Environmental Economics and Management** from 2<sup>nd</sup> January 2018 – 27 April 2018.
- **Guest lecturer** at Gokhale Memorial Girls College during July 2012 –March 2014: Class taken on Microeconomics and Statistics.

### Publications (Journal)

#### Published

- Bagchi, S., Bandhu Majumder, S., & **Banerjee, S.** (2023). Institutions Determine Debt–Growth Relationship: Evidence from Fourth Wave of Debt in EMDEs. *International Economic Journal*, 37(2), 245-269.
- Kallummal, M., & **Banerjee, S.** (2022). India's Tariff Jumping FDI: A Case of Overseas Investment Flows under ASEAN-India FTA. In *Indian Economy and Neoliberal Globalization: Finance, Trade, Industry and Employment* (pp. 175-205). Routledge India.
- **Banerjee, S** & Sarkhel P. (2020) Municipal Solid Waste Management, Household Participation and Local Governments: A Cross Country Analysis. *Journal of Environmental Planning and Management* (ISSN No. 0964-0568), Vol. 63, No. 2, 210–235.
- Bose. M & **Banerjee. S** (2019) Equity in Distribution of Public Subsidy for Non-communicable Diseases among the elderly in India: an Application of Benefit Incidence Analysis, *BMC Public Health* (ISSN 1471-2458).
- **Banerjee, S** (2017). Scope of Private Participation in Municipal Solid Waste Management: The Case of India, *Urban India* (ISSN No: 0970-9045), Vol. 37, No-2, 117 – 138.
- Sarkhel, P., Banerjee, S., & **Banerjee, S.** (2016), Willingness to pay before and after program implementation: the case of Municipal Solid Waste Management in Bally Municipality, India, *Environment, Development & Sustainability* (ISSN No. 1573-2975), Vol. 18, No. 2, pp. 481 – 498.
- **Banerjee, S.**, & Sarkhel, P. (2015), Biases and reliability of WTP estimates from Contingent Valuation responses: A study based on Solid Waste Management Services in Bally Municipality, India *Arthaniti: Journal of Economic Theory and Practice* (ISSN No. 0976 – 7479), Vol. 11, No. 1 – 2, pp. 77 - 100.

#### Policy Brief

- Kallummal. M & **Banerjee. S.** (2023) Trade and Environment Negotiations Status under the WTO: An Investigation into the tariff-alone approach negotiation, Policy Brief No. 7, Center for WTO Studies.
- Das. A., Kallummal. M. & **Banerjee. S** (2020)., Performance of Computer, Electronics and Optical Products in Post-ITA Phase: Some Insights from OECD TiVA Database. Policy Brief No. 3, *Centre for WTO Studies.*

#### Research Projects:

- Involve as Senior Research Fellow in “Comparative Analysis of Trade barriers between South Korea and India” at Centre for WTO studies.
- Was involved as Senior Research Fellow in “*Mapping of Indian Trade Classification (ITC) HS 2017 with Indian Product Standards*” at Centre for WTO studies (Report Submitted).

- Was involved as Senior Research Fellow in “*Mapping and analysis of HS codes with global technical regulations*” at Centre for WTO studies (Report Submitted).
- Was involved as Research Associate in “*Exploratory study on linkage between trade and technology*”. In collaboration with **Department of Science and Technology (DST)**, Government of India (Report Submitted).
- Was Involved as Research Associate in “*Prospects for India-UK trade and Investment: An Assessment of the Opportunities and Challenges*”. In collaboration with **Department for International Development (DFID)**, Government of UK and **Price Water house Cooper**, India.
- Was involved as Research Associate in “*Trading across Borders: Observers Report on Trading Across Borders in India (JNPT & Mundra)*” in Collaboration with *Department of Industrial Policy and Promotion (DIPP)*, India (Report Submitted).

#### **Research Project Consultancy**

- **UNESCAP** funded project “Making E-Commerce and Gig Economy Fair and Inclusive: a Policy Guidebook.
- Appointed as **Short-Term Consultant** at **World Bank** from 4<sup>th</sup> February, 2019 to 30<sup>th</sup> June 2019. Specially worked on Services Trade Data.

#### **Award and Fellowship Received**

- **University Research Fellow** at University of Calcutta from October 17, 2014 to September 8, 2016.
- **State Eligibility Test (SET)**, 2013 for Lectureship in **Economics** Conducted by West Bengal College Service Commission (WBCSC).

#### **On job training**

- Participated in Workshop on "Structural Equation Modelling using AMOS" on 22nd May 2018 at Indian Institute of Foreign Trade (IIFT), Delhi.
- Participated in training session on ProwessIQ on 3rd April 2018 at Indian Institute of Foreign Trade (IIFT), Delhi.

#### **Paper presentation in Seminar/Conference/Workshop**

- Presented a paper titled as “**Global Value Chain and Innovation Capability: A Analysis of Complementary Factors for Firm Performance in Indian Manufacturing Sector**”, at the 3<sup>rd</sup> International Conference on Business, Economics and Sustainable Development (ICBESD 2020) at NISM Campus, Patalganga, Mumbai on 2<sup>nd</sup> – 3<sup>rd</sup> March, 2020.
- Presented a paper title as “**Technology Intensity, Firm Characteristics and Efficiency of Manufacturing Enterprises: A Comparative Study of exporting firms in Indian Textile and Electronics Sector**” in the Ascending India: Reflections on Global and Regional Dimensions - Annual International and Area Studies Convention 2019 at JNU, New Delhi on 30<sup>th</sup> January – 1<sup>st</sup> February, 2019.
- Presented a paper titled as “**Scope of Private Participation in Municipal Solid Waste Management: The Case of India**” in the IMR Doctoral Conference (IMRDC) 2016-17 at IIM Bangalore on 11<sup>th</sup> and 12<sup>th</sup> January 2017.
- Presented a paper titled as “**Efficiency in Waste Management and Public Private Partnership: The Indian Scenario**” in the 3<sup>rd</sup> Research Scholar Workshop (international) on Development, Growth and Regional Disparities: Theory and Empirics, organized by the Department of Economics, University of Calcutta on 27<sup>th</sup> and 28<sup>th</sup> July 2016.
- Presented a paper titled as “**Strategic Management of Household Waste and Local Government: A Cross Country Analysis**” in the 8<sup>th</sup> Biennial Conference of the Indian Society for Ecological Economics (INSEE) on “Urbanization and the Environment” jointly hosted by Department of Management Studies, Indian Institute of Science (IISc) Bangalore, Ashoka Trust for Research in Ecology and the Environment (ARTEE), National Institute of Advance Studies on 4<sup>th</sup> – 6<sup>th</sup> January 2016.
- Presented a paper titled as “**Perceived Cost, Realized Benefits and Private Contribution for Public Goods: The Case of Waste Management Services in Bally Municipality, India**” in the

Centenary Research Scholar Workshop (international) on Growth and Regional Disparities: Theory and Empirics, organized by the Department of Economics, University of Calcutta on 8<sup>th</sup> and 9<sup>th</sup> July 2014.

- Presented a paper titled “**Following the follow up: Ex-ante and Ex-Post Valuation of Waste Management Services in Bally Municipality, Howrah**” in the International Conference on Contemporary Issues in Developing Economics, Organized by Department of Economics, Kalyani University, Nadia, West Bengal, During 21<sup>st</sup>-22<sup>nd</sup> March 2013.

### **Workshop Participation**

- Participated in National Workshop on “**Green Accounting: Theories and Practices**” organized by Jadavpur University, Kolkata on 30<sup>th</sup> March 2015.
- Participated in “**Intergovernmental Panel on Climate Change (IPCC) 5<sup>th</sup> Assessment Report (AR5) dissemination work shop (International)**” organized by Global Change Program – Jadavpur University in collaboration with West Bengal Pollution Control Board (WBPCB), Department of Environment, Government of West Bengal and supported by Climate Development Knowledge Network (CDKN).

### **Analytical Skill**

- Analysis of Primary Survey Data.
- Econometric Techniques for Cross Section, Time Series and Panel Data.
- Stochastic Frontier Analysis.
- Multivariate Data Analysis-Structural Equation Modeling
- Contingent Valuation Method
- SMART Analysis

### **Database Knowledge**

- Trade and Tariff Databases (UNCTAD, OECD, WTO-TAO, WITS Comtrade)
- TIVA Database
- Services Trade Data Base (OECD & WTO)
- ITC market Analysis Tools (Trade Map, Investment Map and Market Access Map)
- CMIE Data base - ProwessIQ
- National Sample Survey (NSS) Unit Level Database
- Population Census data.
- State and Union Government Budget data.

### **Quantitative Skills**

- Application of **STATA** (8 onwards) for Statistical data analysis.
- Data analysis with **SPSS** (13 onwards).
- Data analysis with **EViews** (5 onwards)
- Data analysis with **AMOS** (18 onwards).
- Application of **MS EXCEL** for various statistical analyses.
- Working with **MS OFFICE** (All versions).