

## SANGEETA BANSAL

Centre for International Trade and Development  
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### **Current Academic Position**

Chairperson, Centre for International Trade and Development, School of International Studies, Jawaharlal Nehru University, July 2022 onwards.

### **Previous Positions**

Professor in Economics, Centre for International Trade and Development, School of International Studies, Jawaharlal Nehru University, January 2010 onwards.

Associate Professor in Economics, Centre for International Trade and Development, School of International Studies, Jawaharlal Nehru University, May 2004 –December 2009.

Chairperson, Centre for International Trade and Development, School of International Studies, Jawaharlal Nehru University, May 2008 - May 2010.

### **Education**

Ph.D. in Economics: Indian Statistical Institute, 2003.

M.A. in Economics: Delhi School of Economics, University of Delhi, Delhi.

B.A. (Honours) in Economics: Hindu College, University of Delhi, Delhi.

### **Awards, Fellowships and Honours**

Awarded Fellowship to visit ETH Zurich, as a Visiting Scientist, April-June, 2022.

Founding Board Member, *International Committee for Women in Agricultural Economics*, 2020 onwards.

Member, Board of Directors, *International Association of Agricultural Economists*, July 2022 onwards.

Member, *Academic Committee of National Academy of Audits and Accounts, Shimla*, 1 October 2023 onwards.

Member, *Board of Studies, Guru Gobind Singh Indraprastha University*, December 2023 onwards.

Governing Body Member, *Agricultural Economics Research Centre*, University of Delhi, 2019-2020.

Fulbright Nehru Senior Research Fellowship, 2013-14.

NWO (Netherlands Organization for Scientific Research) Fellowship to visit Tilburg University, under ICSSR-NWO India- Netherlands Social Science Scholar Exchanges, 2009-10.

Grant for participating in the *European Summer School on Dynamic Models in Environment* held at Venice, Italy, 2004.

Grant for participating in *Environmental Economics and Policy Making*, a five week program conducted by Goteborg University, Sweden, April 2003.

External Expert, Scientific Committee, *Food Safety and Standards Authority of India*, Government of India.

External expert, Inter-ministerial cum Expert Group Meeting, Ministry of Environment and Forests, Government of India.

### **Journal Editorial Boards**

Editor, *Agricultural Economics*, July 2022 onwards.

Co-editor, *Resource and Energy Economics*, Elsevier, January 2012 onwards.

Member, editorial board, *Resource and Energy Economics*, Elsevier, 2006 -2011.

Member, editorial board, *International Review of Environmental and Resource Economics*, 2021 onwards.

Member, editorial board, *Environment and Development Economics*, Cambridge University Press, January 2009 – December 2015.

Guest Editor, special issue on Environment and Development, *Review of Market Integration*, Sage Publications, 2014.

### **Visiting Positions**

Centre for Energy Policy and Economics, ETH-Zurich, April – June, 2022.

Department of Business Administration, School of Business, Economics and Law, University of Gothenburg, Gothenburg, Sweden, January, 2019.

Department of Agricultural and Consumer Economics. University of Illinois, Urbana-Champaign, USA, July 2018.

Department of Agricultural and Resource Economics, University of California, Berkeley, USA, August 2013 - April 2014, July-August 2015, April-May 2016.

Department of Economics, Tilburg University, Netherlands, June - September, 2009.

Environmental Economics Unit, Goteborg University, Sweden, March - April 2003 and September 2009.

Planning Unit, Indian Statistical Institute, November 2003, and January 2002.

TERI University, November - December 2001.

### **Research Interests**

Environmental economics; Corporate environmental strategies; Energy Economics; Agricultural economics; Technology adoption in Indian agriculture; Labeling of genetically modified foods; Experimental economics; Health and Nutrition; Game theory; Information economics

## Publications

### *Thesis*

Ph.D. Indian Statistical Institute, Delhi Centre, “Environmental Regulation in the Presence of Environmentally Conscious Consumers” Thesis advisor: Shubhashis Gangopadhyay, 2003.

### *Published Journal Papers (Peer Reviewed International Journals)*

- J1. Corporate Social Responsibility: Motivations and Effectiveness in Developing Countries (with Madhu Khanna) *International Review of Environmental and Resource Economics*, 2024, 18:1-2, 123-164. <http://dx.doi.org/10.1561/101.00000165>
- J2. Heterogeneous Effects of Obesity on Life Expectancy: A Global Perspective (Sangeeta Bansal and Yanhong Jin), *Annual Review of Resource Economics* 2023 15:1, 433-554
- J3. How will climate change affect ambient air pollution and what can policy-makers do now? Lessons from India (Avraham Ebenstein, Sangeeta Bansal, Sagnik Dey, Tanya Gupta, Kshitij Abhay Kakade, Avi Simhon) *Oxford Review of Economic Policy*, Volume 39, Issue 4, Winter 2023, Pages 810–827, <https://doi.org/10.1093/oxrep/grad041>
- J4. Does research performance explain the “leaky pipeline” in Indian academia? A study of agricultural and applied economics (with Viswanathan, B., & Meenakshi, J. V.), 2023, *Agricultural Economics*, 54, 274–288. <https://doi.org/10.1111/agec.12744>
- J5. “Enhancing Energy Efficiency of Indian Industries: Effectiveness of the PAT Scheme” (with Hena Oak), 2022, 113, 106220, *Energy Economics*.
- J6. Incentives for Corporate Social Responsibility in India: Mandate, Peer Pressure and Crowding-Out Effects, (with Madhu Khanna and Joe Sydlowski), *Journal of Environmental Economics and Management*, (105), 2021, 102382. <https://authors.elsevier.com/a/1c6CzLdSUycp%7E>
- J7. Effect of green network and emission tax on consumer choice under discrete continuous framework, (with C. Grover). *Environmental Economics and Policy Studies* 23, 641–666 (2021). <https://doi.org/10.1007/s10018-021-00312-y>
- J8. “Macrorelationship between average life expectancy and prevalence of obesity: Theory and evidence from global data” (with David Zilberman). *Agricultural Economics*. 51(3), 2020; 403-427. <https://doi.org/10.1111/agec.12562>
- J9. “Does a rise in BMI cause an increased risk of diabetes?: Evidence from India” (with Shivani Gupta). *PLoS ONE* 15(4): e0229716, 2020, 1-20. <https://doi.org/10.1371/journal.pone.0229716>

J10. “Do farmers value rice varieties tolerant to droughts and floods? Evidence from a discrete choice experiment in Odisha, India” (with A. Arora and P. S. Ward), *Water and Resource Economics*, volume 25, pp 27-41, (2019)

J11. “Fit-risk in Development Projects: Role of Demonstration in Technology Adoption” (with Moon Parks and David Zilberman), *Environment and Development Economics*, , Cambridge University Press (2016).

J12. “Labeling GM Food in India: Anticipating the Effects on GM Brinjal and Rice Marketing Chains” (with Guillaume Gruere), *AgBioForum* (2015).

J13. "Technology Adoption under Fit Risk: What Should Development Project Donors and Managers Know?" (with Moon Parks and David Zilberman). *Procedia Engineering*, Science Direct, Volume 107, Pages 3–10 (2015).

J14. “Environmental Quality: Impact of Economic Growth”, *Environment and Development Economics*, Cambridge University Press, 20 (5), 673-696, (2015).

J15. “Information and Signaling Impacts of Labels: Experimental Evidence from India on GM Foods” (with S. Chakravarty, and B. Ramaswami), *Environment and Development Economics*, Cambridge University Press, 1-22 (2013).

J16. “Implications of Mandatory Labeling of GM Food in India: Evidence from the Supply Side” (with G. Gruere), *Food Policy*, Elsevier, 37, 467– 472 (2012).

J17. “Diffusion of Bt Cotton in India: Impact of Seed Prices and Varietal Approval” (with A. Arora), *Applied Economic Perspectives and Policy*, Oxford Journals, 34(1), 102-118 (2012).

J18. “Choice and Design of Regulatory Instruments in the Presence of Green Consumers,” *Resource and Energy Economics*, Elsevier, 30 (3), 345-368, (2008).  
<https://doi.org/10.1016/j.reseneeco.2008.01.001>

J19. “Incentives for Technological Development: BAT is Bad”, (with S. Gangopadhyay), *Environmental and Resource Economics*, Springer, 30, 345-367 (2005).  
<https://doi.org/10.1007/s10640-004-4223-z>

J20. “Tax-Subsidy Policies in the Presence of Environmentally Aware Consumers”, (with S. Gangopadhyay), *Journal of Environmental Economics and Management*, Elsevier, 45 (2), 333-355, (2003). [https://doi.org/10.1016/S0095-0696\(02\)00061-X](https://doi.org/10.1016/S0095-0696(02)00061-X)

J21. Bansal, S., S. Gupta, J. Lefler, and D. Zilberman, “The Conflicting Effect of Obesity and Undernourishment on Average Life Expectancy.” *ARE Update* 23(6) (2020): 1–4. University of California Giannini Foundation of Agricultural Economics.

J22. “Do farmers value rice varieties tolerant to droughts and floods?”, (with A. Arora and P. S. Ward), *Global Water Forum*, September 17, (2018).

***Published Journal Papers (Peer Reviewed Indian Journals)***

J25. How effective are unenforced mandates for corporate social responsibility (with Madhu Khanna), *Ideas for India, for more evidence based policy*, 05 April 2021.

J26. “Health and Nutrition of India’s Labour Force and COVID-19 Challenges” (with Uma Lele and J. V. Meenakshi). *Economic and Political Weekly*, MAY 23, 2020 vol IV (21), 13-16.

J27. “Imperfect Certification and Eco-labelling of Products” (with Charu Grover), *Indian Growth and Development Review*, (2019).

J28. “The Corporate Social Responsibility Act in India: An Early Assessment”, (with Madhu Khanna and Sonakshi Jain), *Economic and Political Weekly*, (2018).

J29. “Factors Explaining Corporate Social Responsibility Expenditure in India” (with Shachi Rai), *Review of Market Integration*, Sage (2015).

J30. “An analysis of corporate social responsibility expenditure in India”, (with S. Rai) *Economic and Political Weekly*, 49(50) (2014).

J31. “Distributional Effects of Adopting Carbon Tax in India: An Economic Analysis” (with Pooja Rathore), *Review of Market Integration*, Sage Publications, 5(3), (2014).

J32. “Labeling policy for genetically modified foods in India” *Economic and Political Weekly*, (commentary section) August 24, vol XLVIII No 34 (2013).

J33. “Labels for GM Foods: What Can They Do?” (with B. Ramaswami), (Special Article) *Economic and Political Weekly*, XLV, 26 and 27, (2010).

**Research Articles in Edited Books**

B1. “Towards an Energy Efficient Economy: Policy Measures by Government of India” (with M Rahul), *Sustainable Development Insights from India: Selected Essays in Honour of Ramprasad Sengupta*, Editors: Dasgupta, Purnamita, Saha, Anindita Roy, Singhal, Robin (Eds.) Springer Nature, 2021.

B2. "Towards Sustainable Consumption Practices: Evidence from India" (with Charu Grover and Adan L. Martinez Cruz) in *Sustainable Consumption and Production*, Volume 1, Editors: Ranjula Bali Swain, and Susanne Sweet, Springer Nature 2021.

B3. "Labeling GM Food in India: Anticipating the Effects on GM Brinjal and Rice Marketing Chains" (with Guillaume Gruere), in *Biotechnology for a Second Green Revolution in India: Socioeconomic, Political, and Public Policy Issues*, Eds. N. Chandrasekhara Rao, Carl E. Pray, Ronald J. Herring (Eds.), Academic Foundation, 2018.

B4. "Private provision of public goods: Voluntary Approaches for Environmental Protection" in *Paths for Sustainable Development Ed.* Robert Lensink, Stefan Sjogren and Clas Wihlborg, 2017.

B5. "Genetically Modified Crops in India: An Economic Analysis" with (A. Arora) in *Sustainability of Growth of the Indian Economy; The Role of Economic, Technological and Environmental Factors* (ed) Manmohan Agarwal, World Science, 2015.

B6. "Impact of Price Controls on Diffusion of Bt Cotton and Profitability of Seed Providers" (with A. Arora) in *India's Tryst with Bt Cotton: Learnings from the First Decade* (ed.) N. Lalitha and P.K. Viswanathan, Concept Publications, 2015.

B7. "Climate Change Negotiations: Challenges and Opportunities for India" in *India and the World Economy* (ed.) Jayati Ghosh, Oxford University Press, 2015.

#### ***Working Papers in Refereed Series***

W1. Enhancing the informational nudge of energy labels: Evidence from a DCE in New Delhi" in CERE Working Papers, 2021.

[https://swopec.hhs.se/slucer/abs/slucer2021\\_004.htm](https://swopec.hhs.se/slucer/abs/slucer2021_004.htm)

W2. Health Effects of Sustained Exposure to Fine Particulate Matter: Evidence from India, co-authored with Yashaswini Saraswat, (February 21, 2020). Available at SSRN: <https://ssrn.com/abstract=3542183> or <http://dx.doi.org/10.2139/ssrn.3542183>

W3. "Incentives for Corporate Social Responsibility in India: Mandate, Peer Pressure and Crowding-Out Effects", co-authored with and Khanna, Madhu and Sydlowski, Joseph, SSRN (January1,2019). Available at SSRN: <https://ssrn.com/abstract=3370838>

W4. Does a Rise in BMI Cause an Increased Risk of Diabetes?: Evidence from India, co-authored with Shivani Gupta (September 2019). Available at SSRN: <https://ssrn.com/abstract=3435147> or <http://dx.doi.org/10.2139/ssrn.3435147>

W6. Oak, Hena and Bansal, Sangeeta, Effect of Perform-Achieve-Trade Policy on Energy Efficiency of Indian Industries (June 26, 2019). Available at SSRN: <https://ssrn.com/abstract=3412317> or <http://dx.doi.org/10.2139/ssrn.3412317>.

- W7. Grover, Charu and Bansal, Sangeeta and Martinez-Cruz, Adan L., May a Regulatory Incentive Increase WTP for Cars with a Fuel Efficiency Label? Estimating Regulatory Costs Through a Split-Sample DCE in New Delhi, India (June24, 2019). Available at SSRN: <https://ssrn.com/abstract=3408942> or <http://dx.doi.org/10.2139/ssrn.3408942>.
- W8. Bansal, Sangeeta, 2020. "Health Effects of Sustained Exposure to Fine Particulate Matter: Evidence from India," (with Yashaswini Saraswat), 2020 Annual Meeting, July 26-28, Kansas City, Missouri 304500, Agricultural and Applied Economics Association
- W9. "Role of health care expenditure in countering adverse effects of obesity on health: Evidence from global data" co-authored with David Zilberman, International Association of Agricultural Economists (275941), 2018.
- W10. "Effect of Perform-Achieve-Trade Policy on Energy Efficiency of Indian Industries: Evidence from Fertilizer Industry co-authored with H Oak, Agricultural and Applied Economics Association (274422), 2018/6/20.
- W11. "Influence of Social Network Effect and Incentive on Choice of Star Labeled Cars in India: A Latent Class Approach based on Choice Experiment" co-authored with C Grover, AL Martinez-Cruz, Discussion Paper Series, Centre for International Trade and Development, Jawaharlal Nehru University, New Delhi, India (18-05)
- W12. "The Corporate Social Responsibility Act in India: An Early Assessment" (with Madhu Khanna and Sonakshi Jain), SANDEE Working Paper No 120-17, 2017.
- W13. "Eliciting Farmers' Valuation for Abiotic Stress-Tolerant Rice in India" (with A. Arora and P. S. Ward). International Food Policy Research Institute, Discussion Paper #00946 (2015).
- W14. "The Informational and Signaling Impacts of Labels: Experimental Evidence from India on GM Foods" (with S. Chakravarty and B. Ramaswami), Indian Statistical Institute, Discussion Paper 13-01 (2013).
- W15. "Market Provision of Quality: Impact of Economic Growth", Centre for International Trade and Development, Discussion Papers in Economics, Discussion Paper #12-03 (2012).
- W16. "Price Control on Bt Cotton Seeds in India: Impact on Seed Providers" with (A. Arora), Centre for International Trade and Development, Discussion Papers in Economics, Discussion Paper #12-02 (2012).
- W17. "Diffusion of Bt Cotton in India: Impact of Seed Prices and Technological Development" (with A. Arora), Centre for International Trade and Development, Discussion Papers in Economics, Discussion Paper #11-01 (2011).

- W18. “Weak Aversion to GM Foods: Experimental Evidence from India” (with S. Chakravarty, and B. Ramaswami,), Centre for International Trade and Development, Discussion Papers in Economics, Discussion Paper #10-02 (2010).
- W19. “Labeling Genetically Modified Food in India: Economic Consequences in Four Marketing Channels” (with G. Gruere), International Food Policy Research Institute, Discussion Paper #00946 (2010).
- W20. “The Economics of GM Food Labels: An Evaluation of Mandatory Labeling Proposals in India” (with Bharat Ramaswamy), International Food Policy Research Institute, Discussion paper # 704 (2007).
- W21. “Existence of Green Products: Incentives for Innovation in the Presence of Green Consumers: BAT is Bad”, (with S. Gangopadhyay), Indian Statistical Institute, Discussion Paper # 01-10, (2001).
- W22. “Controlling Pollution: Choosing the Winner”, (with S. Gangopadhyay), Indian Statistical Institute, Discussion Paper 01-05, (2001).

### **Book Review**

“The Economics of Benchmarking: Measuring Performance for Competitive Advantage” by Thijs ten Raa (Tilburg University, The Netherlands), Palgrave Macmillan, review published in *Vikalpa, the Journal of Indian Institute of Management, Ahmedabad* (2010).

### **Contribution to Teaching Material/ Knowledge Based Volumes**

- K1 Environmental Economics with an International Dimension*, an E-Book, Vi UNCTAD (2008).
- K2 An Allocation Problem*, in *Environmental Economics with an International Dimension*, Vi UNCTAD (2008).
- K3 Regulatory Instruments*, in *Environmental Economics with an International Dimension*, Vi UNCTAD (2008).
- K4 Corporate Environmental Initiative*, in *Environmental Economics with an International Dimension*, Vi UNCTAD (2008).
- K5 “Market Failures and Its Sources” in *Economics of Social Sector and Environment*, Indira Gandhi National Open University (2006) ISBN-81-266-2718-2.

### **Consultancy Projects**

- P1. A database on gender-disaggregated information on agricultural economists and social scientists working in the area of agriculture and rural development, 2022, Sponsored by International Association of Agricultural Economists, IAAE.
- P2. Obesity and Health Effects, (2022), sponsored by UC Berkeley.
- P3. Examining Contribution of Corporate Social Responsibility Expenditure in India towards Achieving Economic Development and Sustainable Development Goals, (2022-2024), sponsored by ICSSR.
- P4. Understanding Corporate Social Responsibility Expenditure in India: Effect of New Regulation Regarding Mandatory CSR (2015-2016), Sponsors: South Asian network of Development and Environmental Economics (SANDEE).



P5. Eliciting farmers' preferences for drought tolerant rice seeds in India (2012-2014), Sponsors: International Food Policy Research Institute, Washington DC, USA.

P6. Labeling Genetically Modified Foods in India: Economic Consequences in Four Food Marketing Channels (2008-09), Sponsors: International Food Policy Research Institute, Washington DC, USA.

P7. Labeling of GM Foods: An Experiment in India (2007), Sponsors: International Food Policy Research Institute, Washington DC, USA.

P8. Teaching Material in Environmental Economics with an International Dimension (2007-08), Sponsors: Vi UNCTAD.

P9. The Economic Effects of Labeling GM Foods (2006), Sponsors: International Food Policy Research Institute, Washington DC, USA.

### **Research Supervision**

#### Students awarded PhD degree

Parul Gupta, 2023

Shivani Gupta, 2020

M Rahul, 2020

Charu Grover, 2020

Hena Oak, 2019

Anchal Arora, 2015

Moon Parks, UC Berkeley (Co-supervised with David Zilberman), 2016

Pragya Atri (Co-supervised with Abhijit Sengupta) 2021

Sonakshi Jain (Co-supervised with Krishnendu Dastidar) 2021

#### Students completed M Phil

1. Yashaswini Saraswat, 2020

2. Shivani Gupta, 2015

3. Charu Grover, 2014

4. Shachi Rai, 2014

5. Pooja Rathore, 2013

6. Devika Tewari, 2011

7. Anchal Arora, 2010

#### Masters' Thesis

1. Joseph Sydlowski, University of Illinois, Urbana Champaign, USA, co-supervised with Madhu Khanna, 2018.

#### **Thesis Examiner**

PhD Thesis of Jaya Jumrani, Delhi School of Economics, March 2023.

PhD thesis of Chandan Singha, Delhi School of Economics, 2018.

#### **Conferences**

##### *Organization of Conferences*

Organized International Conference on “Recent Developments in Economics Research: Theory and Evidence” at CITD, SIS, JNU, 7-8 March, 2024.

Contributed as a resource person to a Workshop on Energy Economics and Policy Making held in Nepal, October 9 -14, 2022.

Organized a workshop on Applications of Environmental Cost Benefit Analysis using Welfare Economics at JNU under GIAN (MHRD), October 30 – November 8, 2017. Professor Madhu Khanna, ACES Distinguished Professor of Environmental Economics, University of Illinois, Urbana Champaign, USA was invited as a key resource person.

Organized a “Workshop on Corporate Social Responsibility Act in India: Incentives and Effectiveness” (with M. Khanna), JNU, December 8, 2016.

Organized “Growth and Development: Future Directions for India” (with M. Sarma, and P. Balakrishnan), held at SIS, JNU during 23-24 April 2010.

Organized a “Workshop on Financial Crisis and Recession” (with S. Gangopadhyay, G. Singh and A. Sengupta) at SIS, JNU, March 17, 2009.

Organized an “International Conference in Environmental and Development: Developing Countries Perspective” (with K. Ketkar and M. Mehra) at SIS, JNU, April 2005.

##### *Papers in Conferences and Seminars*

Organized session “Changing Agri-food Systems: Implications For Agricultural Innovation And Food Policies” at European Association of Agricultural Economists, August 29th - September 1st, 2023.

Invited Speaker, Annual Economic Conference, IISER Bhopal, Nov 4-5 2022.

Invited participant, Harvard Mittal Workshop on Climate Change, March 30-31, 2023.

Discussant of the Book “Entropy Law, Sustainability and Third Industrial Revolution”, Oxford University Press, by Professor RP Sengupta.

Invited Resource Person, Workshop on Energy Economics and Policy, held in Nepal, October 10-15, 2022, Nepal (Online).

Participated in AEEA Conference, July 31-August 2, 2022, Anaheim, USA.

Paper presented at the EWEPA 2022, Católica Porto Business School, Porto, Portugal, June 27 - 29, 2022.

Paper presented at the 9th Atlantic Workshop on Energy and Environmental Economics, A Toxa (Spain), 23-24 June, 2022.

Invited Speaker, Topics in Energy and Climate Economics, All'Acqua, Switzerland June 3, 2022.

Invited Speaker, FRIES Seminar Series, Food System Geography, Policy & Economics; ETH-Zurich, May 25 2022.

Invited Speaker, CER-ETH & CEPE Joint Lunch Seminar in Energy, Environmental, Resource and Development Economics, 5 May 2022.

Invited Speaker, CER-ETH & CEPE Joint Lunch Seminar in Energy, Environmental, Resource and Development Economics, 14 April 2022.

Invited Speaker, Women in Research and Academia, at the 31<sup>st</sup> International Conference of Agricultural Economists, August 17-31, 2021.

Speaker at the Plenary Session, In search for excellence, at the 31<sup>st</sup> International Conference of Agricultural Economists, August 17-31, 2021.

Presented the paper Obesity and Life Expectancy: Why Disaggregation Methods at the 31<sup>st</sup> International Conference of Agricultural Economists, August 17-31, 2021.

Paper Presented at the European Association of Environment and Resource Economics (EAERE), Berlin, in 23 June-25th June, 2021.

Chaired a session at the European Association of Environment and Resource Economics (EAERE), Berlin, in 23 June-25th June, 2021.

Invited Seminar Presentation at the Centre for Energy Policy and Economics, (CEPE), April 15, 2021, ETH Zurich.

Invited Seminar Presentation at the Centre for Environmental and Resource Economics, Swedish Agricultural University, April 28, 2021.

Gupta, Shivani & Bansal, Sangeeta, 2020. "Health Implications of Obesity: An Evidence from India," 2020 Annual Meeting, July 26-28, Kansas City, Missouri 304438, Agricultural and Applied Economics Association.

Bansal, S., Invited speaker, RBAs Webinar on Bridging Research and Policy Responses to COVID-19 : information and program, organized by International Fund for Agricultural Development (IFAD), Rome, Italy, June 19, 2020.

Bansal, S., Effect of Green Network and Emission Tax on Consumer Choice under Discrete Continuous Framework with Conflicting Quality Dimensions, Paper accepted at the 25th Annual Conference of the European Association of Environmental and Resource Economists, 25-27 June 2020.

Invited speaker RBAs Webinar on Bridging Research and Policy Responses to COVID-19 : information and program, June 19, 2020.

Presented paper at the Workshop on non-Market Valuation (WONV), Influence of Social Network Effect and Incentive on Choice of Star Labeled Cars in India: A Latent Class Approach based on Choice Experiment, 1-2 July 2019 in Marseilles, France.

Presented paper at the Workshop on non-Market Valuation (WONV), Influence of Social Network Effect and Incentive on Choice of Star Labeled Cars in India: A Latent Class Approach based on Choice Experiment, 1-2 July 2019 in Marseilles, France.

Invited Speaker at the 5th annual CECFEE research and policy workshop on the economics of the environment, 10-11 November, 2019 held at Tezpur, India.

Invited Speaker at the The Indo-Swiss Joint Workshop Programme in Social Sciences, 25-26, November 2019, held at ICSSR, Delhi.

Invited speaker, "Disaster Resilient Smart Cities" from December 4-6, 2019.

Paper accepted at the Winter School at the Delhi School of Economics, December 10-13, 2019, New Delhi, India.

Presented a paper at the Annual Conference on Economic Growth and Development held at ISI, Delhi, 18-20th December.

Invited speaker at the Seminar Series, South Asian University, April 5, 2019.

Invited speaker at "Certification and quality labels as policy tools to promote sustainability", CHS, French Centre, New Delhi, India, March 29, 2019.

Presented a seminar at Gothenburg University, Gothenburg, Sweden, January 17, 2019.

Bansal, Sangeeta, International Conference of Agricultural Economists (ICAE), Vancouver, Canada, July 28 – August 2, 2018

Presented "Incentivizing Corporate Social Responsibility in India" World Congress of Environment and Resource Economists (WCERE), Gothenburg, Sweden, June 25-29, 2018.

Presented "Effect of Perform Achieve and Trade Policy on Energy Efficiency of Indian Industries" World Congress of Environment and Resource Economists (WCERE), Gothenburg, Sweden, June 25-29, 2018.

Presented "Influence of green network effects and choice of star labelled cars in India" World Congress of Environment and Resource Economists (WCERE), Gothenburg, Sweden, June 25-29, 2018.

Invited Speaker, Workshop on 'Triple Burden of Malnutrition in India: are we heading towards a human capital crisis? Organized by University of Sydney, in Mumbai, October 8, 2018.

Coordinated a session at the Annual International and Area Studies Convention, SIS, JNU, 30 Jan-1 Feb 2019.

Presented a paper, Does Health Care Expenditure Counter Adverse Effects of Obesity on Life Expectancy? Evidence from Global Data, American Economic Association, January 6-8, 2017, Chicago, USA.

Session Organizer, New Perspectives on Economics of Obesity and Health, Allied Social Science Association (ASSA), AEA, January 6-8, 2017, Chicago, USA.

Presented a paper at the SANDEE 33<sup>rd</sup> Biannual Research and Training Workshop, Pokhara, Nepal, December 14-17, 2016.

Presented a paper at the Workshop, Corporate Social Responsibility Act in India: Incentives and Effectiveness, December 8, 2016.

Invited seminar presentation, Labeling of GM Food-Policy Implications, Scientific Panel on GM Organisms, Food Standards and Safety Authority of India, 23<sup>rd</sup> February, 2017.

Invited seminar presentation, Corporate Social Responsibility Act of India, The Energy Research Institute of India, 23<sup>rd</sup> Feb 2017.

Session chair, 'State Surveys: Tools, Methodologies and Key Findings', at the Workshop Developing Guidelines and Methodologies for Socio-Economic Assessment of LMOs, by RIS, August 24, 2016.

Fit-risk in Development Projects: Role of Demonstration in Technology Adoption, Annual Conference of AAEA (Agricultural and Applied Economics Association), 2016, Boston, USA. Imperfect Certification and Eco-labelling of Products, 22<sup>nd</sup> Annual Conference of the European Association of Environmental and Resource Economics, 22-25 June, 2016, Zurich, Switzerland.

Do Farmers Value Rice Varieties Tolerant to Droughts and floods: Evidence from a discrete choice experiment in Orissa. Workshop on Non-market Valuation, 20-21 June 2016, Bordeaux, France.

Invited Speaker, Strategic Business Perspectives on Innovation in Agrifood Supply Chains in Emerging vs Developed Markets Workshop 19-21 April 2016, UC Berkeley, USA

Paper selected for presentation at the Annual Conference of AAEA (Agricultural and Applied Economics Association), 2015, San Francisco, USA.

Paper presented at *19th ICABR Conference - Impacts of the Bioeconomy on Agricultural Sustainability, the Environment and Human Health, held in Ravello (Italy), June 2015.*

*Invited speaker*, Eliciting farmers' valuation for stress tolerant rice seeds in India, Rutgers University, USA, April 4, 2014.

*Invited speaker*, Consumer and Farmer Attitudes Towards New Agricultural Technologies: Evidence from India" Seventh Berkeley, Bioeconomy Conference, UC Berkeley, March 26-27, 2014.

*Invited speaker*, Farmer's Preferences for Abiotic Stress Tolerant Rice Seeds in India: Evidence from Odisha, UC Davis, California, USA, March 4, 2014.

Invited speaker, Fulbright Scholar Asilomar Conference, Our Environment: Success Stories & Current Research, Pacific Grove, California, USA, November 22-24, 2013

Farmers' valuation for abiotic stress tolerant attributes in rice seeds in India: Evidence from Odisha', Agricultural & Applied Economics Association, Minneapolis, USA, July 27-29, 2014.

*Invited speaker*, Eliciting farmers' valuation for stress tolerant rice seeds in India, Rutgers University, USA, April 4, 2014.

*Invited speaker*, Consumer and Farmer Attitudes Towards New Agricultural Technologies: Evidence from India" Seventh Berkeley, Bioeconomy Conference, UC Berkeley, March 26-27, 2014.

*Invited speaker*, Farmer's Preferences for Abiotic Stress Tolerant Rice Seeds in India: Evidence from Odisha, UC Davis, California, USA, March 4, 2014.

Invited speaker, Fulbright Scholar Asilomar Conference, Our Environment: Success Stories & Current Research, Pacific Grove, California, USA, November 22-24, 2013

"The information and signaling impacts of labels: Experimental evidence from India on GM foods", presented at Behavioral Change and Measurement, Seminar Series, UC Berkeley, USA, November 6, 2013.

"Eliciting farmers' valuation for drought tolerant rice seeds in India Department Seminar Series, Agricultural and Resource Economics, UC Berkeley, , February 19, 2014.

"Environmental quality: Impact of economic growth", presented at Department Seminar Series, Agricultural and Resource Economics, UC Berkeley, USA, February 5, 2014.

"The information and signaling impacts of labels: Experimental evidence from India on GM foods", presented at the Department Seminar Series, Agricultural and Resource Economics, UC Berkeley, USA, September 19, 2013.

The informational and signaling impacts of labels: Experimental evidence from India on GM foods presented at the **20th Annual Conference of the European Association of Environmental and Resource Economics**, Toulouse, France, 26 to 29 June, 2013.

Market Provision of Quality: Impact of Economic Growth, presented at Trade, Growth and Development: Two Decades of Reforms and After, CITD International Conference, Delhi, India, April 3- 4, 2012.

*Invited speaker*, Mandatory Labeling of Genetically Modified Food in India: Economic Consequences for Three Food Products presented at Biotechnology in Indian Agriculture: Performance, Potential and Concerns, CESS, Hyderabad, January 18-19, 2012.

Diffusion of Bt Cotton in India: Impact of Seed Prices and Technological Development, presented at the Seminar Series, IFPRI Washington D.C. July 28, 2011.

Diffusion of Bt Cotton in India: Impact of Seed Prices and Technological Development, presented at the **2011AAEA & NAREA Joint Annual Meeting**, Pittsburgh, USA, July 24-26, 2011.

Information and Signaling Impacts of Labels: Experimental Evidence from India, presented at the **4<sup>th</sup> World Congress of Environment and Resource Economists**, Montreal, Canada, 28<sup>th</sup> June-2<sup>nd</sup> July, 2010.

Weak Aversion towards GM Foods: Experimental Evidence from India, presented at the Seminar Series, Department of Economics, Tilburg University, Netherlands, September 16, 2009

Weak Aversion towards GM Foods: Experimental Evidence from India, presented at the Seminar Series, Environmental Economics Unit, Goteborg University, Sweden, September 11, 2009.

*Invited Speaker*, at the Bio-tech Labeling: Considerations and Impact, Ho Chi Minh City, Vietnam, May 28-29, 2009, organized by the US Department of Agriculture for Vietnam policy makers.

*Invited Speaker*, Economic Evaluation of Mandatory Biotechnology Labeling Proposal in India at Conference on Bio-tech Labeling Issues organized by US Department of Agriculture, February 22-23, 2009, Singapore.

Are Consumers Sensitive to Labels: Experimental Evidence for GM Labels from India, presented at **EAERE Annual Conference**, June 25-27, Sweden, 2008.

*Invited Speaker*, Voluntary vs Mandatory Labeling of Genetically Modified Food: An Economic Analysis, presented at Environment, Innovation and Performance Conference, Grenoble, France, June 4-5, 2007.

Voluntary vs Mandatory Labeling of Genetically Modified Food in India, presented at **South and South East Asia Econometric Society Meeting**, Chennai, India December 18- 20, 2006.

*Invited Speaker*, Preliminary Economic Analysis of GM Food Labeling in India presented at the IFPRI Conference, Economic consideration of Biosafety and Biotechnology Regulations in India: A Policy Dialogue, New Delhi, August 24-25, 2006.

Policy Instruments for Controlling Pollution presented at the **EAERE Annual Conference**, Bremen, Germany 2005, and ICED Conference, CITD, SIS, JNU, 2005.

Incentives for Investment in the Presence of Green Consumers: BAT is Bad presented at the European Summer School, 2004, Venice, Italy and **Second World Congress of AERE, 2002**, Monterey, USA.

Controlling Pollution: Choosing the Winner presented at the **Second International Conference on Environment and Development**, 6-8 Sept, 2000, Beijer Institute, Stockholm, Sweden.

Raising Consumer Awareness vs. Lobbying for Protection, presented at the 1998 **India and South East Asia meetings of Econometrics Society**, Indian Statistical Institute, Delhi Centre, India.

#### *Other Invited Lectures*

*Invited expert participant* at Asian Regional Workshop in Preparation of COP-MOP6, Hyderabad, India, September 13-14, 2012.

*Invited Lecture*, Energy Research Institute, 6<sup>th</sup> April, 2012.

## Teaching

Courses Taught at CITD, JNU.

### M.A. Courses

Term	Course #	Course Title
Monsoon 2004	IE 404	Mathematical methods of economics
Winter 2004	IE 405	Microeconomics II
Monsoon 2005	IE 404	Mathematical methods of economics
Winter 2005	IE 510	Environmental Economics
Winter 2005	IE 405	Microeconomics II
Monsoon 2006	IE 401	Microeconomics I
Winter 2006	IE 510	Environmental Economics
Winter 2006	IE 405	Microeconomics II
Monsoon 2007	IE 401	Microeconomics I
Winter 2007	IE 405	Microeconomics II
Winter 2007	IE 510	Environmental Economics
Monsoon 2008	IE 401	Microeconomics I
Winter 2008	IE 405	Microeconomics II
Winter 2008	IE 510	Environmental Economics
Monsoon 2009	IE 525	Information Economics
Winter 2009	IE 405	Microeconomics II
Winter 2009	IE 510	Environmental Economics
Monsoon 2010	IE 525	Information Economics
Winter 2010	IE 405	Microeconomics II
Monsoon 2011	IE 510	Environmental Economics
Winter 2011	IE 405	Microeconomics II
Monsoon 2012	IE 525	Information Economics
Winter 2012	IE 405	Microeconomics II
Monsoon 2012	IE 510	Environmental Economics
Winter 2013	IE 405	Microeconomics II
Monsoon 2015	IE 510	Environmental Economics
Winter 2016	IE 405	Microeconomics II
Monsoon 2016	IE 525	Information Economics
Winter 2017	IE 405	Microeconomics II
Monsoon 2017	IE 510	Environmental Economics
Winter 2018	IE 405	Microeconomics II



Monsoon 2018	IE 525	Information Economics
Winter 2019	IE 405	Microeconomics II
Monsoon 2019	IE 510	Environmental Economics
Winter 2020	IE 405	Microeconomics II
Monsoon 2020	IE525	Information Economics
Monsoon 2020	IE 510	Environmental Economics
Winter 2021	IE 405	Microeconomics II
Monsoon 2021	IE 510	Environmental Economics
Winter 2022	IE 405	Microeconomics II
Winter 2024	IE 405	Microeconomics II

### **M. Phil. Courses**

Term	Course #	Course Title
Winter 2004	DI 614	Quantitative Methods in International Economics
Winter 2008	DI 632	Issues in Economic Theory and Policy
Winter 2012	DI 632	Issues in Economic Theory and Policy

### **PhD Course**

Special Fields I 2024.

### **New Courses Developed**

IE 510 Environmental Economics, Winter 2004.

IE 525 Information Economics and its Applications, Monsoon 2009.

IE 404 Mathematical methods for economics, completely revamped the course, Monsoon 2004.

IE 401 Microeconomics I, revamped the course.

IE 405 Microeconomics II, revamped the course.

### **Service**

#### **Professional Activities**

Expert for evaluation of Research Proposal for funding under Indian Council of Social Science Research (ICSSR) Research Programme 2021-22.

Expert for evaluation of ICSSR Doctoral Fellowships Proposals, 2021-22.

Faculty Selection Committee, IIT Mandi, 2022.

Faculty Selection Committee, IISER Bhopal, March 19, 2021 (Friday), July 22, 2021.

Member, Institutional Ethical Review Board, March 2015 – December 2019.

Faculty Selection Committee, IISER Bhopal, March 19, 2021 (Friday), July 22, 2021.

Member, Institutional Ethical Review Board, March 2015 – December 2019.

Member, JNU-CDS Committee of Direction on Academic Programme, 2011-2013.

Member, Scientific Panel on Genetically Modified Organisms and Foods, Food Standards and Safety Authority of India, Government of India

### **Scientific Program Committees**

Annual Conferences of European Association of Environment and Resource Economists (EAERE), 2007 – 2022.

ICAE 2021.

4<sup>th</sup> World Congress of Environment and Resource Economists, Montreal, Canada, 28<sup>th</sup> June- 2<sup>nd</sup> July, 2010.

Member, Program Committee, 27<sup>th</sup> Conference of International Association of Agricultural Economists (IAAE), Beijing, August 16-22, 2009.

Member, Program Committee, Third World Congress of Environmental and Resource Economists, Kyoto, Japan, 2006.

Selection Committee, Inlaks Scholarship 2006.

### **Program Chair**

Chaired a session at EITTF Conference, December 16, 2021.

Chaired a session International Conference on Economic Theory and Policy, School of Social Science - I, Jawaharlal Nehru University Tuesday, March 22, 2011.

Environmental Management and Labeling, European Association of Environmental and Resource Economics 16th Annual Conference, 27th June 2008.

### **Member of other Scholarly or Professional Associations**

Member, Annual Board Meetings, Journal *Environment and Development Economics*, 2008 - 2010.

Member, European Association of Environment and Resource Economists (EAERE).

Member, Agricultural & Applied Economics Association (AAEA).

Member, International Association of Agricultural Economists, IAAE.

### **Referee for Journals**

*Agricultural Economics*,

*Journal of Public Economics*,

*Journal of Environmental Economics and Management,*  
*Resource and Energy Economics,*  
*Environmental and Resource Economics,*  
*Environment and Development Economics,*  
*Canadian Journal of Economics,*  
*Applied Economic Perspectives and Policy,*  
*Journal of Public Economic Theory, etc.*