

## SANGEETA BANSAL

Centre for International Trade and Development  
School of International Studies  
Jawaharlal Nehru University

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### **Current Academic Position**

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

### **Previous Positions**

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**

Governing Body Member, Agricultural Economics Research Centre, University of Delhi, 2019 onwards.

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

Expert, for ICSSR IMPRESS scheme, 2019 onwards.

Fulbright Nehru Senior Research Fellowship, 2013-14.

NWO (Netherlands Organization for Scientific Research) Research Grant 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, Inter-ministerial cum Expert Group Meeting, Ministry of Environment and Forests, Government of India.

### **Journal Editorial Boards**

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

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

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**

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, Technology adoption in Indian agriculture; Microeconomics; Game theory; Information economics; Labeling of genetically modified foods; Experimental 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 (Refereed)*

J1. “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).

J2. “Imperfect Certification and Eco-labelling of Products” (with Charu Grover), *Indian Growth and Development Review*, (2019).

J3. “Do farmers value rice varieties tolerant to droughts and floods?”, (with A. Arora and P. S. Ward), *Global Water Forum*, September 17, (2018).

- J4. “The Corporate Social Responsibility Act in India: An Early Assessment”, (with Madhu Khanna and Sonakshi Jain), *Economic and Political Weekly*, (2018).
- J5. “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).
- J6. “Labeling GM Food in India: Anticipating the Effects on GM Brinjal and Rice Marketing Chains” (with Guillaume Gruere), *AgBioForum* (2015).
- J7. "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).
- J8. “Factors Explaining Corporate Social Responsibility Expenditure in India” (with Shachi Rai), *Review of Market Integration*, Sage (2015).
- J9. “Environmental Quality: Impact of Economic Growth”, *Environment and Development Economics*, Cambridge University Press, 1-24, (2014).
- J10. “Distributional Effects of Adopting Carbon Tax in India: An Economic Analysis” (with Pooja Rathore), *Review of Market Integration*, Sage Publications, 5(3), (2014).
- J11 “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).
- J12. “Implications of Mandatory Labeling of GM Food in India: Evidence from the Supply Side” (with G. Gruere), *Food Policy*, Elsevier, 37, 467– 472 (2012).
- J13. “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).
- J14. “Labels for GM Foods: What Can They Do?” (with B. Ramaswami), (Special Article) *Economic and Political Weekly*, XLV, 26 and 27, (2010).
- J15. “Choice and Design of Regulatory Instruments in the Presence of Green Consumers,” *Resource and Energy Economics*, Elsevier, 30 (3), 345-368, (2008).
- J16. “Incentives for Technological Development: BAT is Bad”, (with S. Gangopadhyay), *Environmental and Resource Economics*, Springer, 30, 345-367 (2005).
- J17. “Tax-Subsidy Policies in the Presence of Environmentally Aware Consumers”, (with S. Gangopadhyay), *Journal of Environmental Economics and Management*, Elsevier, 45, 333-355, (2003).
- J18. “Labeling policy for genetically modified foods in India” *Economic and Political Weekly*, (commentary section) August 24, vol XLVIII No 34 (2013).

J 19. “An analysis of corporate social responsibility expenditure in India”, (with S. Rai) *Economic and Political Weekly*, 49(50) (2014).

#### **Research Articles in Edited Books**

B1. “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.

B2. “Private provision of public goods: Voluntary Approaches for Environmental Protection” in *Paths for Sustainable Development* Ed. Robert Lensink, Stefan Sjogren and Clas Wihlborg, 2017.

B3. “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.

B4. “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.

B5. “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. “Incentives for Corporate Social Responsibility in India: Mandate, Peer Pressure and Crowding-Out Effects”, co-authored with and Khanna, Madhu and Sydlowski, Joseph, SSRN (January 1, 2019). Available at SSRN: <https://ssrn.com/abstract=3370838>

W2. “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.

W3. “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.

W4. “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)

- W5. “The Corporate Social Responsibility Act in India: An Early Assessment” (with Madhu Khanna and Sonakshi Jain), SANDEE Working Paper No 120-17, 2017.
- W6. “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).
- W7. “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).
- W8. “Market Provision of Quality: Impact of Economic Growth”, Centre for International Trade and Development, Discussion Papers in Economics, Discussion Paper #12-03 (2012).
- W9. “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).
- W10. “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).
- W11. “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).
- W12. “Labeling Genetically Modified Food in India: Economic Consequences in Four Marketing Channels” (with G. Gruere), International Food Policy Research Institute, Discussion Paper #00946 (2010).
- W13. “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).
- W14. “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).
- W15. “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. 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).

P2. Eliciting farmers’ preferences for drought tolerant rice seeds in India (2012-2014), Sponsors: International Food Policy Research Institute, Washington DC, USA.

P3. Labeling Genetically Modified Foods in India: Economic Consequences in Four Food Marketing Channels (2008-09), Sponsors: International Food Policy Research Institute, Washington DC, USA.

P4. Labeling of GM Foods: An Experiment in India (2007), Sponsors: International Food Policy Research Institute, Washington DC, USA.

P5. Teaching Material in *Environmental Economics with an International Dimension* (2007-08), Sponsors: Vi UNCTAD.

P6. The Economic Effects of Labeling GM Foods (2006), Sponsors: International Food Policy Research Institute, Washington DC, USA.

### **Research Supervision**

#### Students awarded PhD degree

Anchal Arora, 2015

Hena Oak, 2019

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

#### PhD thesis under submission

Charu Grover

M. Rahul

Shivani Gupta

Students completed M Phil

1. Shivani Gupta, 2015
2. Charu Grover, 2014
3. Shachi Rai, 2014
4. Pooja Rathore, 2013
5. Devika Tewari, 2011
6. Anchal Arora, 2010

M Phil Thesis under Submission

1. Yashaswini Saraswat

Masters' Thesis

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

**Conferences**

*Organization of Conferences*

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

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

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

“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 (Conferences indicated in bold represent papers in stringently reviewed, international conferences)*

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.

'Eliciting farmers' valuation for abiotic stress tolerant attributes in rice seeds in india: Evidence from Odisha', **The International Consortium on Applied Bioeconomy Research**, Nairobi, Kenya, June 18-20, 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

### **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

### **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**

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 – 2016.

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**

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 16<sup>th</sup> Annual Conference, 27<sup>th</sup> 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).

### **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.