

**Saon Ray**  
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Indian Council for Research on International Economic Relations (ICRIER)  
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## **Education**

1995-2000    Jawaharlal Nehru University  
                  Ph. D. in Economics (Some Aspects of Gains from Technology Transfer)

1993 – 1995    Jawaharlal Nehru University  
                  M. Phil. in Economics (Market Power and Trade Policy)

1990 – 1992    University of Calcutta  
                  M. Sc. in Economics

## **Employment**

2009 -            Senior Fellow, ICRIER

2007-    2009    Associate Professor, TERI University

2004-2006    Assistant Professor, TERI University

2003-2004    Research Associate, Research and Information System for the Non  
                  Aligned and other Developing Countries (RIS)

2001-2003    Sir Ratan Tata Fellow, Institute of Economic Growth

2000-2001    Research Officer, Jawaharlal Nehru University

1999-2000    Ford Foundation Fellow, Jawaharlal Nehru University

1998-1999    Research Associate in a Department of Science and Technology (DST)  
                  sponsored project in Jawaharlal Nehru University

## **Principal research interests**

International Trade, Industrial Economics, Microeconomics, and Applied Econometrics

## **Research experience**

### **Participation in Project**

- Study on Petrochemicals Feedstock. CPMA. Ongoing. (Principal Investigator)
- Strengthening the Textile and Clothing Sector in South Asia. ADB. Ongoing.
- 10<sup>th</sup> Indo-Korea Dialogue. ICRIER and Seoul Forum for International Affairs (SFIA). Conference held in Chennai, 8-9<sup>th</sup> November, 2011.
- Prospects for Enhancing Trade, Investment and Cooperation under the proposed India-Turkey FTA. Report submitted to the Ministry of Commerce in March, 2011.
- Making SAFTA Effective: An Approach to Prune Sensitive Lists in South Asia. Report submitted to Konrad-Adenauer-Stiftung in January 2011.
- Implications of Ethanol Blending Policy India at ICRIER. (Principal Investigator)
- Inward Foreign Direct Investment (FDI) and External policy as part of the National Interest Project instituted by MEA and implemented by ICRIER in 2009.
- Prosper.net at TERI University. Developing e learning modules on Economic Reasoning for Public Policy for a web based course on Sustainable Development Practices in Public Policy in 2009.
- Basque Center for Climate Change (BC3) – TERI project on development of Regional (State) level CGE model to incorporate environmental and climate variables in 2009.
- Building New Bridges In South-South Cooperation: A Study of India-Brazil–South Africa (IBSA) Economic Cooperation, Relevance of investment in India –GCC partnership and Indian Diaspora at RIS in 2003.
- Role of in-house R&D. Department of Science and Technology (DST) sponsored project in J.N. U. from April 1998 to July 1999.

## **Ph. D. Supervision**

### **Main supervisor**

- Environmental Measures and its Effects on Indian Exports at TERI University – work in progress.

- Impact assessment of petroleum products (petrol, diesel, lpg & kerosene) price regime in India – equity, efficiency and revenue considerations – work in progress

### **On the Ph. d. committee**

- Policy Intervention Analysis: Adequacy of Post Project Monitoring Process in India and Barriers to its Effective Implementation – submitted August 2009. Viva held.
- Diffusion modeling of selected Renewable Energy Technologies, Products and Applications in India – submitted.
- Examining the role of Self Help Groups (SHGs) with reference to socio-economic changes: Case study of SHGs in Central Bihar (2001-2009) – work in progress

### **Teaching experience**

#### **Courses taught**

##### **At TERI University**

- Principles of Economics
- Competition Theory and Policy
- Economics of Regulation
- Development Studies
- Globalization: Challenges for Development and Policy Making
- International Trade
- Basic course in Environmental and Resource Economics

##### **At Jawaharlal Nehru University**

- Microeconomics

### **Organizational experience**

Head of the Department, Department of Policy Studies, TERI University – August 2007 to May 2009

Organizer of conference on Governance and Sustainable Development, TERI University, January 2006.

Member of the TERI University Academic Council.

Organizer of the results workshop at TERI University on March 27, 2009 to evaluate the MA (PP&SD) programme.

## **Publications**

- Technology Transfer and Technology Policy in a Developing Country. *Journal of Developing Areas*. Forthcoming.
- Ethanol Blending Policy in India. With Amrita Goldar and Smita Miglani. *Economic and Political Weekly*. Vol. XLVII No. 1, Jan 7, 2012.

Also as Ethanol Blending Policy: Issues related to Pricing, ICRIER Policy Series No. 10, December 2011.

Also as Ethanol Blending Policy In India: Demand and Supply Issues, ICRIER Policy Series No. 9, December 2011.

- Inward Foreign Direct Investment (FDI) and External Policy. With Ramkishen S Rajan, Sunil Rongala and Ramya Ghosh. In Santosh Kumar (ed.) *In the National Interest: A Companion volume*. Business Standard books. October 2011.

- Ray, Saon. "International technology diffusion and productivity" in P. Robertson and D. Jacobson (eds.) *Knowledge Transfer and Technology Diffusion*. Edward Elgar. April 2011.

- An Approach to Prune India's Sensitive Lists under SAFTA. With Nisha Taneja, Neetika Kaushal and Devjit Roy Chowdhury. *Economic and Political Weekly*. Vol. 46 No. 11 March 12-18, 2011.

Also as Enhancing Intra-SAARC Trade: Pruning India's Sensitive List Under SAFTA, ICRIER Working Paper no. 255, April 2011.

- Ray, Saon. 2010, Trade and Environment: multilateral institutions and sustainable development. *Journal of Resources Energy and Development*, 7 (1), 1-10.
- Ray, S., 2007, "Moving up the Value chain? Comparison of the Indian Textile industry with the Chinese textile industry post MFA", *IJINB-ICFAI Journal of International Business*, February.
- Ray, S., 2006, "The changing role of technological factors in explaining efficiency in Indian firms", *Journal of Developing Areas*, Vol. 40, No. 1, Fall, Also published as IEG Working Paper, No. E/261/2005
- Ray, S., 2005, "Non-Tariff Barriers to Exports and Imports in India", in Sengupta, D. et al (eds.) *Beyond the Transition phase of WTO: An Indian Perspective*, Academic Foundation.
- Ray, S., 2004, "MNEs, Strategic Alliances and Efficiency of Firms: Emerging Trends", *Economic and Political Weekly*, January 31.

- Co-authored 'South Asia Development and Cooperation Report' published by RIS in 2004.
- The Role of In-house R&D in Indian Industry: A Case Study of Chemicals and Electronics Sectors, Report submitted to the Department of Science & Technology, Govt. of India (with A. S. Ray and others in 1999).
- Ray, S., "European Union in 2025: problem and prospects" in M. M. Agarwal (ed.) *The Future of the Global Economy: Regional Trajectories and Global Institutions* (Forthcoming).

## **Visiting position**

Invited to visit Calcutta University, Economics department for a week in March 2009. Delivered lecture on Trade environment linkage: the CGE approach.

## **Papers presented**

- Paper on "Opening India's Garment sector to South Asia" (with Nisha Taneja and Neetika Kaushal), presented at the Forum for Global Knowledge Sharing VI Annual International Conference on "Agglomeration, Technology Clusters, and Networks" on November 18-20, 2011 at Goa.
- Presentation on Investment in the Indo-Korea CEPA at the 10<sup>th</sup> Indo-Korea dialogue at Chennai, November 8-9, 2011. Paper with Neetika Kaushal.
- Presentation on Indo-Korea CEPA: Trade in Services at the 10<sup>th</sup> Indo-Korea dialogue at Chennai, November 8-9, 2011. Paper with Nisha Taneja and Neetika Kaushal.
- Paper presented at National Conference on Environmental Pollution: Data Gaps organised by CSO at Jaipur, March 24-25, 2011.
- Presentation on 'Making SAFTA Effective: An Approach to Prune Sensitive Lists in South Asia' at the final workshop for the project Making SAFTA Effective: An Approach to Prune Sensitive Lists in South Asia, organised by ICRIER at New Delhi, on December 13, 2010.
- Presentation on 'Implications of the Ethanol Blending Policy' organised by the Stakeholders consultation on Implications of the Ethanol Blending Policy in India organised by Society of Indian Automobile Manufacturers on September 23, 2010
- Presentation on 'India Turkey FTA: Implications for the Goods Sector' at the Stakeholder consultation jointly organised by ICRIER and FICCI on July 28, 2010.
- Presentation on 'Ten Years of the India Lanka Trade Agreement' at the conference Ten Years of the ILFTA organised by at Colombo, on May 24-25, 2010.

- Presentation on 'Making SAFTA Effective: An Approach to Prune Sensitive Lists in South Asia' at the Inception workshop for the project Making SAFTA Effective: An Approach to Prune Sensitive Lists in South Asia, organised by ICRIER at New Delhi, on April 29, 2010.
- At 5<sup>th</sup> Annual Conference on Economic Growth and Development, Indian Statistical Institute, New Delhi, December 16-18, 2009. Paper entitled "International technology Diffusion and Productivity".
- At International conference on Science, Technology, and Economy: Emerging and Developed countries. Forum for Global Knowledge Sharing conference at TISS, October 9-10, 2009, Mumbai. Paper entitled "International technology Diffusion and Productivity".
- At Jawaharlal Nehru University CESP- DSA conference, Jan 31-Feb 2, 2008, New Delhi. Paper entitled "International technology Diffusion and Productivity".
- At National Conference on Contemporary Issues in Development Economics, Jadavpur University, Dec 19-20, 2007, Kolkata. Paper entitled "The Role of Market Power in Selecting Winners and Losers".
- At National Conference on Expanding Freedom: Towards Social and Economic Transformation in a Globalizing World, Institute of Economic Growth, April 11-13, 2007, Delhi. Paper entitled "The Role of Market Power in Selecting Winners and Losers".
- At International Seminar on Present Scenario of Post Multi Fibre Agreement (MFA) – A Comparative Study of India and China, January 27-28, 2006, Nagpur. Paper entitled "Moving up the Value Chain? The Indian textile Industry post MFA".
- At seminar on "The Future of the Global Economy: Regional Trajectories and Global Institutions" organized by organized by CSH, New Delhi and ITD, SIS, JNU on March 15<sup>th</sup>-16<sup>th</sup>, 2004. Paper entitled "Technological progress as an engine of growth in the EU".
- Medal finalist at the Global Development Network (GDN) Fifth Annual Global Development Conference held on January 28-30, 2004, at New Delhi for the Paper presented "Economic reforms and efficiency of firms: the Indian manufacturing sector during the nineties".
- At conference on 'Impact of Globalization on Indian Industry: Productivity, Efficiency and Growth' at Institute of Economic Growth, Delhi, September 2003. Paper entitled "MNEs, Strategic Alliances and Efficiency of Firms: Emerging Trends in the Liberalization Era".
- At conference on Models and Methods in Economics at Indian Statistical Institute, Kolkata in March 2003. Paper entitled "Does Technology Transfer Depend on the Patent Regime? The implications of Weak Patent Regimes in Host Country".

- At the Institute of Economic Growth, in November 2002. Paper entitled “The changing role of technological factors in explaining efficiency in Indian firms”

### **Popular articles**

Ethanol Blending Policy in India: Demand and Supply Gaps, July-August 2011, Commodity Vision, TAER. (With Smita Miglani and Amrita Goldar)

Institutions in technology transfer, November 2009, Commodity Vision, TAER

Gainers and losers, post MFA, Hindu Business Line, May 20, 2005 (with Saumya K. Ghosh)

FTAs: adding to the ‘spaghetti bowl of tariffs’, Hindu Business Line, March 14, 2005 (with Saumya K. Ghosh)

### **Selected honours and awards, memberships**

Medal finalist at the Global Development Network (GDN) Fifth Annual Global Development Conference held on January 28-30, 2004

University Grants Commission, Junior Research Fellow, 1993

Member of the Indian Econometric society and the Forum for Global Knowledge Sharing.

### **Other academic activities**

Referee of papers for Journal of Developing Areas, International Journal of Manufacturing Technology and Management, Resources Energy and Development.

Attended Training Programme for Young Asian Economists on International Economics and Development, jointly conducted by Institute of Economic Growth, Delhi and Institute of Developing Economies, Tokyo Institute of Economic Growth, Delhi, 10<sup>th</sup> -21<sup>st</sup> March 1997.

Participated in workshop on “Productivity and Technical Efficiency: Recent Development in Theory and Applications” organized by the Department of Economics, Delhi School of Economics from 6<sup>th</sup> to 8<sup>th</sup> January, 2003.

Guest lecturer at Academic Staff College, J.N.U in 2004 (Measuring productivity using Data Envelopment Analysis) and 2009 (International trade, globalization and sustainable development).

Delivered lecture at the Delhi School of Economics Refresher course (Competition Policy) - March 2006.

Developed new courses on Competition Theory and Policy, International Trade, and Development Studies at TERI University.

Attended UNCTAD / Jadavpur University research training programme on CGE modelling and Advanced CGE modelling in October 2008 and May 2009 respectively.

Delivered lecture on International Trade, Globalization and Management: Differing Experiences at TERI University-Freie Universitat conference on Environmental Governance in India and Europe, March 24, 2008.

Delivered lecture on Globalization and Sustainable Development to ITEC participants on 18<sup>th</sup> November 2008.

Attended workshop on New Techniques in Applied Economic Research at the Institute of Economic Growth from 15<sup>th</sup>-17<sup>th</sup> December, 2008.

Delivered lecture on monopoly, cartels, and joint venture at MDP organized by TERI University on 18<sup>th</sup> and 19<sup>th</sup> May, 2009.

Comment on United Nations System of Integrated Environmental Accounting (UN SEEA)'s methodology on Environmental accounting of Renewable Energy, October 2010.

Part of the ICRIER delegation to Ankara and Istanbul for consultation with Turkish counterparts for the Joint Study Group on the proposed India Turkey FTA, August 8-15, 2010.

Participated in the 3<sup>rd</sup> Joint Study Group Meeting of the proposed India –Turkey FTA at the Ministry of Commerce, New Delhi, October 26-27 2010.

M. Phil Thesis evaluation for Jawaharlal Nehru University, December 2010.

Coordination of Rapporteur activities of ICRIER since February, 2011.

Expert for MBE Admission at Delhi University, South Campus. 2011 and 2010.