

# Manisha Jain

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## Education

**Indian Institute of Technology Bombay**, Powai, Mumbai  
PhD, Interdisciplinary Program in Climate Studies, January 2012 –December 2017  
Thesis title: Consumer choices in purchase and utilisation of energy intensive appliances  
Supervisors: Dr Anand B. Rao, Dr Anand Patwardhan  
CPI: 8.7/10

**Indian Institute of Technology Bombay**, Powai, Mumbai  
M.Tech, Energy Systems Engineering, 2003-05  
Thesis title: Load emulation using power electronic converter  
Supervisor: Dr Mukul Chandorkar  
CPI: 8.3/10

**Institute of Engineering and Technology**, Lucknow  
B.Tech, Electrical Engineering, 1999-03

## Employment

**Visiting Assistant Professor**, 2018 onwards  
Indira Gandhi Institute of Development Research, Goregaon, Mumbai

**Research and Teaching Assistant**, 2011-17  
Indian Institute of Technology Bombay, Powai, Mumbai

**Senior Analyst**, 2009-11  
ABPS Infrastructure Advisory Private Limited, Mumbai

**Research Associate**, 2005-08  
The Energy and Resources Institute (TERI), New Delhi

## Research experience

### *Journal article/Paper presentation*

Appliance labeling and consumer heterogeneity: A discrete choice experiment in India with Dr Anand B. Rao and Dr Anand Patwardhan in *Applied Energy*, 226, pp.213-224, September 2018.

Consumer preference for labels in the purchase decisions of air conditioners in India with Dr Anand B. Rao and Dr Anand Patwardhan in *Energy for Sustainable Development*, 42, pp.24-31, January 2018.

Impact of Standards and labelling program on consumer discount rate - an experimental study in India with Dr Anand B. Rao and Dr Anand Patwardhan in *Proceedings of Meeting the Energy Demands of Emerging Economies, 40th IAEE International Conference*, Singapore, June 2017

Employment Outcomes of Renewable Energy Technologies: Implications of Policies in India with Dr Anand Patwardhan in *Economic and Political Weekly*, XLVIII, 84-89, 2013

### *Work in progress*

Appliance standards and incremental price of efficiency in *Springer Proceedings in Energy* with Dr Anand B. Rao and Dr Anand Patwardhan, forthcoming

Energy Efficiency Policies in India: Implications for Climate Change Mitigation in *Springer book Climate Change Signals and Response: A Strategic Knowledge Compendium for India*" edited by Chandra Venkataraman et al., forthcoming

Role of information in consumer purchase decision of energy using durables, with Dr. Anand B. Rao and Dr. Anand Patwardhan, Article manuscript in progress, to be submitted for publication

### *Poster Presentation*

Consumer preference in purchase and utilisation of energy intensive appliances with Dr Anand B.Rao and Dr Anand Patwardhan in *Poster presentation at the Fourth International Conference on Advances in Energy Research*, Mumbai, India, 2013

Appliance efficiency and consumer choice – An empirical study of Indian consumers with Abhishek Sethi, Akshay Soni and Dr Anand B. Rao in *Poster presentation at the Fourth International Symposium of McDonnell Academy Global Energy and Environment Partnership*, Mumbai, India, 2012

### *Workshops and Training*

First Climate Science and Policy Workshop, Indian Institute of Technology Bombay, Mumbai, India, March 2014

Green Finance Opportunities and Challenges Workshop, Indian Institute of Technology Bombay, Mumbai, India, April 2013

Training program on International Performance and Measurement & Verification Protocol (IPMVP), Alliance for an Energy Efficient Economy, Efficiency Valuation Organisation and USAID Eco III project, May 2009

### *Professional experience*

#### *Projects*

Development of Institutional framework for Demand Side Management (DSM), DSM Regulations and Cost Benefit Analysis Guidelines, *Forum of Regulators*, 2009-11

Development of Best Practices Guide for Design, Development, Implementation and Monitoring of Energy Efficiency Portfolio Standards, *IEA DSM Implementing Agreement*, 2009-11

Delhi Energy Efficiency Program, A case based study involving household survey and stakeholder interaction, Delhi Transmission Company Limited, *Government of NCT of Delhi*, 2007- 2008

Energy Security Policy of India, Foreign and Commonwealth Office, *British High Commission*, India, 2005- 2007

Supply of clean energy services to the urban and peri-urban poor, *Global Network on Energy for Sustainable Development (GNESD)*, 2006-2007

Competition Issues in the India's Energy Sector, *The World Bank, DFID & Competition Commission of India*, 2005-06

Evaluation of franchise system in electricity distribution system in rural areas, *Ministry of Power and Rural Electrification Corporation, India, 2005-07*

### *Book*

Managing Power Demand – A case study of the residential sector in Delhi” with Vikas Gaba and Leena Srivastava in *TERI press 2007*

### *Working Papers*

Piecemeal reforms in Indian Coal sector with Sumit Malik in *Regulateri –Quarterly Review of Regulatory Developments, Issue November 2007, TERI press*

Facilitating consumer involvement in regulatory process with Shahid Hasan and K Ramanathan in *National Conference on Regulatory Performance in India: Achievements, Constraints and Future Action, 2006*

### Scholarships and Awards

Teaching Assistantship through Project, IITB-Centre of Excellence in Climate Studies, 2012-17

Certified Energy Auditor, Bureau of Energy Efficiency, Ministry of Power, India, 2007

Teaching Assistantship, Indian Institute of Technology Bombay, 2003-05

### Programming Skills

R Programming

NLOGIT 5.0

Latex - Typesetting editor

Microsoft Word, Excel, Power point

### Language

Hindi: Mother tongue

English: Full professional proficiency