

# Trupti Mishra

Assistant Professor

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## Education:

- **Doctorate of Philosophy (Economics)**, Indian Institute of Technology, Kharagpur
- **M Phil (Economics)**, Sambalpur University
- **MA (Economics)**, Sambalpur University

## Teaching Interest:

- Managerial Economics
- Economic of Environment
- Business and Sustainable Development
- Policy Responses to Climate Change
- Infrastructural Development and Financing

## Research Interest:

- Economics of Pollution
- Economic Assessment of Climate Change Vulnerability, Adaptation and Mitigation Options
- Corporate Environmental Sustainability

## Selected Publications:

### Book Chapters:

1. Trupti Mishra, 2015, 'Linkages Between Environment and Globalization: A Case Study of Developing Countries', in (Eds), Nature, Economy and Society Understanding the Linkages, by Nilanjan Ghosh, Pranab Mukhopadhyay, Amita Shah, Manoj Panda, Chapter 13: Pages 267-272; Springer India
2. Trupti Mishra, 2015, 'Characterizing energy poverty: Implications for policies for energy access', In (Eds) Energy Security and Development— The Changing Global Context by B. Sudhakara Reddy and Sergio Ulgiati, Chapter 21: Pages 321-329, Springer India 2015

3. R.P. Mohanty, D. Mishra, T. Mishra, 2008, 'Quality Management Practices and Product Quality Outcome in Indian Manufacturing Industry: A Case Study', in Quality Management Practices, Excel books, 2008, Chapter 57: Pages 655
4. F Pattnaik, N C Nayak , T Mishra, 2008, 'Trends in Employment Intensity of Economic Growth in the Post-Reform Era across Major Indian States', In (eds) Rethinking India's Growth Strategy Service versus Manufacturing , Concept Publication, Pages:120-134
5. Trupti Mishra, Bani Chatterjee, 2007, 'Economic Development and Environmental Degradation in India', in (eds) Economic Reforms, Human Welfare and Sustainable Development in India, New Century Publication, 2007

#### **Journals:**

1. Prasad, M and Mishra, T, 2015, 'Investigating Causal Relationship between Energy Consumption and Firm Growth in India', International Journal of Environmental Technology and Management, Vol 18, No.4, Pages 346-357.
2. Nakarmi, A. M., Mishra, T., and Banerjee, R., 2014, 'Integrated MAED-MARKAL - Based Analysis of Future Energy Scenarios of Nepal', International Journal of Sustainable Energy, DOI: 10.1080/14786451.2014.966712
3. Mishra T and Pandey N, 2011, 'Sustainable Management of Water Resources: A Case Study of Mumbai', International Journal of Water Resources and Environmental Management, Vol. 2, No.2, pp. 177-193.
4. R.P. Mohanty, D. Mishra, T. Mishra, 2009, 'Comparative Study of Production Outsourcing Models', Journal of Advances in Management Research, Vol. 6 No.1, Pages: 41 – 69
5. Trupti Mishra, 2006, 'Role of Community Pressure in Environmental Regulation: An Empirical Analysis', Anvesak, Vol 36, No.1, July 2006
6. Mukesh Kumar and Trupti Mishra, 2005, 'Performance of Power Generation in Andhra Pradesh', Productivity, Vol 46, No.1, April- June 2005.
7. Trupti Mishra, 2005, 'Inequality in Land Distribution Pattern: An Empirical Analysis', ICFAI Journal of Agricultural Economics, February 2005, Pages: 51-59
8. Trupti Mishra, 2004, 'Environmental Movement and People's Participation: A Case Study of Orissa', ICFAI Journal of Environmental Economics, November 2004
9. Trupti Mishra, 2004, 'The Effect of Environmental Regulation on Productive Efficiency of Firm: Direct and indirect Effects', International Journal of Environmental and Development, December 2004
10. Trupti Mishra and Bani Chatterjee, 2003, 'Estimating Joint Abatement Cost Function and Cost Effective Emission Charges for Paper and Pulp Industry in India', ICFAI Journal of Applied Economics, February 2003, Pages: 55-64

11. Mukesh Kumar and Trupti Mishra, 2002, 'Sources of Technical Efficiency in Indian Small Scale Industry: Frontier Production Function Techniques', ICFAI Journal of Applied Economics, October 2002, Pages: 88-98

#### **In Conference:**

1. Malakar, K., Mishra, T. & Patwardhan, A. 2015. 'Determinants of household's adaptation decisions: A case study of the Koli community in Mumbai'. Paper presented at the ICARUS Fourth Global Meeting, University of Illinois at Urbana-Champaign, USA during May 7-9, 2015.
2. Malakar, K. & Mishra, T. 2014. 'Assessing socio-economic vulnerability to climate hazards: A city-level index based approach', 2nd International Conference on Evaluating Climate Change and Development organized by Global Environment Facility (GEF), Washington D.C., USA, November 4-6, 2014.
3. Malakar, K. & Mishra, T. 2014. 'Inequity in water and electricity use: A roadblock to sustainable development (An assessment through Lorenz curves and Gini coefficient)', Climate Change and Sustainable Development: Equity and the Post 2015 Challenge, Tata Institute of Social Sciences, Mumbai, August 21-23, 2014.
4. Trupti Mishra, 2014, 'Evaluating the Impact of Renewable Energy Policy on Maharashtra's Renewable Energy Supply Mix and Climate Finance Potential', 9th public policy conference, 9-11th august 2014, IIM Bangalore
5. Trupti Mishra, 2014, 'Cost Benefit analysis of Bio energy alternatives in India', International Conference and Utility Exhibition 2014 on Green Energy for Sustainable Development, March 2014, Thailand.
6. Mousami Prasad, Trupti Mishra and Varadraj Bapat, 2013, 'An empirical assessment of sustainability and economic success using firm fixed effect model in Indian context', Golden Jubilee (50th ) Annual Conference of the Indian Econometric Society (TIES), Indira Gandhi Institute of Development Research (IGDR), Mumbai 22 - 24, December, 2013
7. Mousami Prasad, Trupti Mishra, Arti D. Kalro and Varadraj Bapat, 2013, 'An empirical assessment of the role of corporate towards managing ecosystem: An Indian context', presented at the Seventh Biennial Conference of the Indian Society for Ecological Economics (INSEE), December 5-8, 2013, at Tezpur University, Tezpur, Assam.
8. Nakarmi, A. M., Mishra, T., and Banerjee, R., 2013, 'Energy Scenarios of Nepal 2010 -2030: A Renewable and Sustainable Approach', International Conference on Energy Resources and Technologies for Sustainable Development, Howrah, West Bengal, February 7-9, 2013
9. Trupti Mishra, 2013, 'Effectiveness and Sustainability of Water Supply: An Empirical Analysis', Annual International Sustainability conference, IIM Shillong, March 6 - 8, 2013.
10. Trupti Mishra, 2012, 'Assessment of Urban Sustainability index- A Case Study of Mumbai', 3rd URBIO2012 conference "Urban Biodiversity and Climate Change: Mitigation and Adaptation, October 8- 12, 2012, Indian Institute of Technology Bombay, Mumbai, India.
11. Trupti Mishra, 2012, 'Impact of climate Change: a tale of two coastal cities of India', International conference on Planet under pressure, held during March 26-29, 2012, Excel London, UK

12. Trupti Mishra, 2010, 'Climate Change and Vulnerability: A State Level Analysis', 2nd International Conference on Environmental Management, The Centre for Environment, Institute of Science and Technology, JNTUH, held during 25th-28th October 2010, Hyderabad.
13. Trupti Mishra, Suhita Chatterjee, 2008, 'Vision of having an 'Inclusive' Growth if not Exclusive: with Special Reference to Outsourcing Business & Indian Infrastructure', AIB International Conference on Globalization and Emerging Economies, 11-13 August, 2008, IIM Indore
14. Trupti Mishra, Suhita Chatterjee, 2007, 'The Role of Infrastructure and Foreign Direct Investment in Indian Economic Development: Issues and Challenges', Singapore Economic Review Conference 2007, 2-5th August, 2007, Singapore
15. Trupti Mishra, 2006, 'Role of Private Sector Participation for Sustained Environmental Performance', Ninth Biennial Conference of the International Society for Ecological Economics, December 2006, India Habitat Center, New Delhi.
16. Trupti Mishra, Bani Chatterjee, 2005, 'Trade Liberalization in Environmental Goods and Services: Challenges and Opportunities for India', Conference on International Conference on "Competitiveness and Globalization", Vinod Gupta School of Management, IIT Kharagpur, January 2005.
17. Trupti Mishra, Bani Chatterjee, 2003, 'An Input Output Approach to Environmental Protection' National Conference of Input-Output Research Association, University of Hyderabad, February 2003.

### **Research/Consultancy Projects:**

1. Socio Economic Survey of Pakri-Barwadih Coal Mining Project – Sponsor – NTPC
2. Sustainable Management of Water Resources in City of Mumbai, IIT Bombay
3. Environmental Impact Assessment, Traco Cable, Government of Kerala

### **Conference/Workshop/CEP/MDP:**

1. Coordinator - Executive General Management Programme for Technical Professionals (EGMPTP) - Batch I (2008) to Batch IV (2012)
2. Organizing Secretary - 2<sup>nd</sup> Annual Global conference on Entrepreneurship and Technological Innovation (AGCETI ) held on January 1-3 January, 2011.
3. Coordinator - CEP course on "Green Finances: Challenges and Opportunities" on April 25-26 2013.
4. Coordinator - National workshop on "Climate Science and Policy" on March 6- 7, 2014, at Climate Studies, IIT Bombay, Mumbai.
5. Co- Coordinator – CEP course on Corporate Social Responsibility, on 10-11 October 2014.

### **PhD Students:**

#### **As Main Supervisor**

1. Mousami Prasad : Corporate Environment Sustainability (Co-Supervisor: Prof V Bapat)

2. Anand Achari : Economic Evaluation of Mitigation Options in Building Sector ( Co- Supervisor: Prof Bakul Rao)
3. Krishna Malakar: Disasters: Assessing Resilience and Modeling Recovery (Co- Supervisor: Prof Anand Patwardhan)
4. Pankaj Kumar: Assessment of policy instruments towards Climate Change mitigation (Co-Supervisor: Prof Rangan Banerjee)
5. Namita Singh: Green energy in urban transport: Economic and co benefit assessment (Co-Supervisor: Prof Rangan Banerjee)

#### **As Co- Supervisor**

1. Amrit Nakarmi :Modeling for energy planning and policy analysis – Graduated in 2015 (Main Supervisor: Prof Rangan Banerjee)
2. Sunder Shankar: Under-achievement of Mutual Fund Industry in India (Main Supervisor: Prof V Bapat)
3. Ashok Upadhyay: Study of Nuclear Power Projects in India: Identification of Success Factors and Impact of Modularity - Graduated in 2015 (Main Supervisor: Prof Karuna Jain)
4. Manish Goswami: Impact of emission trading on airline operations(Main Supervisor: Prof Karuna Jain)
5. Abhilash Bandam: Issues facing large scale deployment of solar energy in India, (Main Supervisor: Prof Anupama Kowli and Prof Aldeida Aleti)

#### **M Tech Students:**

- Visvanath Falegaonkar: Economic valuation of Mangroves forest in Mumbai ( Co- Supervisor: Prof Bakul Rao)

#### **MMGT Students:**

Four M. Mgmt. dissertations (2010-12 batch) - December 2011 to April 2012 in the area of Corporate Sustainability.

#### **Community Teaching:**

1. The National program on technology enhanced learning (NPTEL) Web course on “**Managerial Economics**”: <http://nptel.ac.in/courses/110101005/>