

## Brief Profile of Vijaya Gupta



### *Vijaya Gupta*

M.A., M. Phil., Ph. D. (Economics)

Professor in Economics

Member, NITIE Board of Governors

Former Dean, Academic Affairs

### **Work Experience**

Professor in Economics since Feb 2013

Associate professor from April 2006-Jan 2013

Assistant Professor from Sep 2000-March 2006

Reader at MNIT, Jaipur from Feb 1998- Aug 2000

Lecturer and senior lecturer at MNIT, Jaipur from Nov 1987- Jan 1998

### **Awards**

Expert Reviewer for the First Order Draft (FOD) of the Working Group II (WGII) contribution to the IPCC Sixth Assessment Report (AR6), 2019

Citation as Outstanding Contribution in Reviewing, **Energy Policy**, Elsevier, 2017.

Expert reviewer for WGIII Second Order Draft of IPCC Fifth Assessment Report (AR5), 2016

### **Full Fellowship to participate:**

*Our Common Future under Climate Change* 2014, 07-10 July, UNESCO, Paris, France.

*World Climate Conference (WCC3)*, 31 August to 4 September 2009, World Meteorological Organization and United Nations, Geneva, Switzerland.

*International Society for Ecological (ISEE 2014)*, 13-15 August, University of Iceland, Reykjavik, Iceland.

**Scholarships:**

UGC-NET-JRF, 1984-87

Departmental Research Scholarship of the University of Rajasthan, 1983-84

Merit Certificates awarded for standing 1st in both the years of M.A. in the college

National Loan Scholarship 1981-83

Best Guide of the school in 1976 and 1978

**Research interests:**

Environmental, agricultural and developmental economics in general - indigenous knowledge, social entrepreneurship, valuation of intangibles, growth and environment, socioeconomic impacts and vulnerability assessment of climate change and climate change adaptation strategies in agriculture, policy issues, growth and environment (EKC).

**Teaching interests:**

Business/ Managerial Economics, Environmental Economics, Economics of Climate Change, Carbon Market Analysis, Industrial Economics, Applied Economics, Advanced Microeconomics, Macroeconomics, Indian Economy, Agricultural Economics, Industrial Resource Economics

**Editorial responsibility and in the panel of Reviewer:**

Natural Resources Forum, a United Nations Sustainable Development Journal since 2019

Associate Editor - Journal of Entrepreneurship and Innovation in Emerging Economies since 2017

Environmental and Resource Economics, Springer since 2014

Energy Policy, Elsevier since 2005

Energy Efficiency, Springer, since 2012

Environment, Development and Sustainability, Springer, since 2010

International Journal of Fisheries and Aquaculture, since 2015

Handbook of Research on Climate Change Impact on Health and Environmental Sustainability, IGI Global, 2016.

Associate Editor- International Journal of Ecological Economics & Statistics 2006-09

Journal of Sustainability Science and Management, since 2017

International Journal of Business Excellence, Inderscience, since 2017

Aquaculture and Fisheries, Journal of Herald Scholarly Open Access, since 2017

Journal of Ecology and the Natural Environment, Academic Journals, since 2011

Journal of Environment and Waste Management, since 2019

Interdisciplinary Environment Review since 2003

Udyog Pragati, The Journal for Practicing Managers, Mumbai since 2000

### **Society's membership:**

Association of Environmental and Resource Economics (AERE)

International Society of Ecological Economics (ISEE)

European Association of Environmental and Resource Economics (EAERE)

South Asian Network for Development and Environmental Economics (SANDEE)

Indian Society of Environmental Economics (INSEE)

Indian Society of Agricultural Economics (ISAE)

International Economic Association (IEA)

Indian Economic Association

### **Doctoral supervision:**

**Nigel D Silva**, Technology Spillovers in the Indian Manufacturing Industries: An Econometric Analysis, Co Guide with Prof D S Hegde, Awarded in 2011.

**Sibanand Senapati**, Socio-economic implications of climate change: a study of vulnerability and efficiency of coastal fishing in Mumbai, awarded in 2015.

**Barun Kumar Thakur**, Assessment of Health Cost due to Arsenic Water Contamination in Bihar, awarded in 2017.

**Chandan Kumar Jha**, Climate Change Adaptation Strategies of Indian Farmers in Bihar, 2012- thesis submitted

**Swagat Mishra**, Economic Potential of CDM in Odisha, 2008-cont

### **Master's Projects supervision:**

Around 80 projects guided. Some of the broad areas are carbon market, low carbon supply chain for Indian industries, Mumbai housing market, rural markets, software markets, hedonic

wage function, EKC, green supply chain, cold storage business strategy for agricultural products, productivity analysis of cement industry, cost optimization in telecom sector, carbon trading in shared mobility, climate change and agriculture productivity....

## **Publications:**

### **Peer-reviewed journal publications:**

Barun Kumar Thakur and Vijaya Gupta, (2019), **Valuing health damages due to groundwater arsenic contamination in Bihar**, India, *Economics and Human Biology*, Elsevier, 35, 123-132.

Chandan Kumar Jha, Vijaya Gupta, Utpal Chattopadhyay, Binilkumar, (2018), **Migration as adaptation strategy to cope with climate change: A study of farmers' migration in rural India**", *International Journal of Climate Change Strategies and Management*, Emerald, 10(1), 121-141

Sibananda Senapatia, and Vijaya Gupta, (2017), **Socio-economic vulnerability due to climate change: Deriving indicators for fishing communities in Mumbai**, *Marine Policy*, Elsevier, 76, 90–97.

Vijaya Gupta and Utkarsh Yadav, (2016), **Combining indicators of energy consumption and CO2 emissions: EKC in India**, *International Journal of Ecological Economics and Statistics*, 37(2).

Barun Kumar Thakur and Vijaya Gupta, (2016), **Arsenic concentration in drinking water of Bihar: health issues and socio-economic problems**, *Journal of Water, Sanitation and Hygiene for Development*, IWA Publishing, Netherlands, 6 (2) 331-341.

Deva Dutta Dubey, Binilkumar AS, Utpal Chattopadhyay and Vijaya Gupta, (2016), **Study of non –performing assets in Indian Banks – a brief literature review**, *International Journal of Applied Business and Economic Research*, 14(12), 8767-8791.

Sibanand Senapati and Vijaya Gupta, (2015), **Climate change and fishing: analysing fisherman's viewpoint**, *International Journal of Ecological Economics and Statistics*, 36(4), 81-94.

Barun Kumar Thakur and Vijaya Gupta, (2015), **Groundwater arsenic contamination problems in Bihar: causes, issues an challenges**, *Manthan: Journal of Commerce and Management*, Journal Press India, 2(1): 45-60.

Sibanand Senapati and Vijaya Gupta, (2014), **Climate change, urbanization and traditional livelihood: perspective of indigenous fishing communities of Mumbai, India**, *Present Environment & Sustainable Development*, 8(2),117-129.

Sibanand Senapati and Vijaya Gupta, (2014), **Climate change and coastal ecosystems: issues and concerns**, *International Journal of Environmental Sciences*, 5(3), 530-543.

Sibanand Senapati and Vijaya Gupta (2012), **Economics of climate change mitigation and adaptation: moving from impact assessment to vulnerability**, *Interdisciplinary Environmental Review*, Inderscience, 13(2/3), 105-117.

Vijaya Gupta (2011), **A critical assessment of climate change impacts, vulnerability and policy in India**, *Present Environment and Sustainable Development*, Romania, 5(1), 11-22.

Vijaya Gupta and Mythili G (2011), **Willingness to pay for water quality improvement: a study of Powai Lake in India**, *Asian Journal of Water, Environment and Pollution*, IOS Press, Netherlands, 8 (1), 15-21.

Vijaya Gupta and Mythili G (2010), **Valuation of urban environmental amenities: a case study**, *International Journal of Ecological Economics and Statistics*, CESER publication, Roorkee, 19 (F10), 20-31.

Vijaya Gupta (2007), **Estimation for environmental Kuznets curve for CO<sub>2</sub> and SO<sub>2</sub> emissions in India during 1950-2000**, *Resources, Energy and Development*, TERI, New Delhi, 4 (2), 99-114.

Vijaya Gupta (2005), **Climate change and domestic mitigation efforts**, *Economic and Political Weekly*, 40 (10), 981-987.

Vijaya Gupta (2004), **India's stand on climate change**, *Economic and Political Weekly* (Book review, **India and global climate change: perspectives on economics and policy from a developing country**, Edited by Michael A. Toman, Ujjayant Chakravorty and Shreekanth Gupta, Oxford University Press) 39 (48), 5096-5100.

Vijaya Gupta (2004), **India's proactive role in mitigating GHG emissions**, *World Resource Review*, 16 (2), 192-210.

Vijaya Gupta (2004), **Global climate change: India's local concerns**, *Interdisciplinary Environmental Review*, 4 (1), 54-70.

Vijaya Gupta, Neelima Naik and Meenal Shrivastava (2004), **Indian women and environment: vulnerability, efforts and opportunities**, *Interdisciplinary Environmental Review*, 4 (2), 14-36.

**Monograph:**

Vijaya Gupta (2010), **Dry Farming Technology in Rajasthan, India: Yield, Resource Productivity and Returns**, *VDM Verlag*, Germany.

### **Book Chapters:**

Barun Kumar Thakur and Vijaya Gupta (2019), **Arsenic-contaminated drinking water and the associated health effects in the Shahpur blocks of Bihar: A case study from five villages**, in (Ed.) Ali Fares and Sushant K Singh, *Arsenic water resources contamination*, a part of book series *Advances in water security*, Springer International.

Vijaya Gupta (2018), **Economic policymaking in India and the scope of entrepreneurship led development**, in '*Indian Entrepreneurship and Innovation - The Current State of Affairs*' Editor Jay Mitra, Springer, in press.

Chandan Kumar Jha and Vijaya Gupta (2016), **Climate change adaptation in Indian agriculture- assessing farmers' perception and adaptive choices**, in *Climate Change Adaptation, Resilience and Hazards*, Editors: Leal Filho, W., Musa, H., Cavan, G., O'Hare, P., Seixas, J. (Eds.), Springer International, 275-288.

Barun Kumar Thakur and Vijaya Gupta (2016), **Do socioeconomic characteristics influence household's willingness to pay for arsenic-free drinking water in Bihar?** In *Arsenic research and sustainability*, CRC Press, Taylor & Francis.

Sibanand Senapati and Vijaya Gupta (2016), **Vulnerability to climate change: issues and challenges towards developing vulnerability indicator** (Chapter 5), (Dinda, S., Edt.) "*Handbook of Research on Climate Change Impact on Health and Environmental Sustainability*", IGI Global, pp. 82-104.

Sibanand Senapati and Vijaya Gupta (2016), **Impacts of climate change on fish productivity: a quantitative measurement** (Chapter 12), (Dinda, S., Edt.) "*Handbook of Research on Climate Change Impact on Health and Environmental Sustainability*", IGI Global, 243-260.

Barun Kumar Thakur and Vijaya Gupta (2014), **Arsenic contamination in groundwater and its associated health effects in Maner and Shahpur blocks of Bihar, India**, in *One Century of the Discovery of Arsenicosis in Latin America (1914-2014)*, Taylor and Francis, London, 619-21.

Sibanand Senapati and Vijaya Gupta (2014), **Climate change vulnerability and livelihood sustainability in coastal regions of India**, (Das, A., and P. Mishra, Edt.) *Environment Natural Resources and the Indian Economy*, New Century Publication, New Delhi, India, ISBN: 978-81-7708-348-4

Sibananda Senapati and Vijaya Gupta (2013), **Vulnerability to climate change: a multidimensional approach**, in M.Anji Reddy and T. Vijaya Lakshmi (Editors), *Climate Change: Vulnerability and Adaptation*, 1, 257-264.

Barun Kumar Thakur, Vijaya Gupta and Utpal Chattopadhyay (2013), **Arsenic groundwater contamination related socio-economic problems in India: issues and challenges**, in Sunil Nautiyal, K.S. Rao, Harald Kaechele, K.V. Raju, Ruediger Schaldach (Editors), *Knowledge Systems of Societies for Adaptation and Mitigation of Impacts of Climate Change*, Springer, 163-182, Berlin, Heidelberg.

Vijaya Gupta and Neelima Naik (2006), **Gender bias and environment**, in *the State of India Economy*, Edited by V B Jugale and Y V Jugale, Serials Publications, New Delhi, 144-166.

#### **Invited papers in conferences:**

Vijaya Gupta, (2015), **Indigenous knowledge from land to lab to land: A framework to improve the flow for climate change adaptation**, in *Our Common Future under Climate Change 2014*, 07 -10 July, UNESCO, Paris, France.

Vijaya Gupta (2009), **Critically scanning climate policy of India**, *World Climate Conference (WCC3)*, 31 August -4 September, World Meteorological Organization and United Nations, Geneva, Switzerland.

Vijaya Gupta (2009), **Climate change: the historical evidence, impacts and vulnerability in India**, *World Climate Conference (WCC 3)*, 31 August to 4 September, World Meteorological Organization and United Nations, Geneva, Switzerland.

Vijaya Gupta and Karthik A J (2006), **An economic analysis of the Indian Cellular services market and the impact of deregulation on it**, seminar presented under *External Scholar Series*, 25th May, *University of South Australia*, Adelaide, Australia.

#### **Papers in conference proceedings:**

Vijaya Gupta, (2018), **The Scope of Entrepreneurship led Development through Employment Opportunities in India**, *10th Economics & Finance Conference*, Rome, 10 - 13 September, Also Chaired a session.

Vijaya Gupta (2017), **Economic implications of various governance instruments for IUWM: The Case of India**, *14<sup>th</sup> IWA/IAHR International Conference on Urban Drainage*, Prague, Czech Republic, 10-15 September.

B K Thakur and Vijaya Gupta (2017), **Household willingness to pay for arsenic free drinking water in Bihar**, India, accepted for oral presentation at 12<sup>th</sup> conference of *European Society of Ecological Economics*, Budapest, Hungary, 20-23 June.

Chandan Kumar Jha and Vijaya Gupta (2017), **Role of Socio-economic characteristic in accessing agricultural extension services and adaptation strategies to climate change'**, *ICBRP 2017*, Chandragupta Institute of Management and Planning, Patna, Bihar, India.

Chandan Jha and Vijaya Gupta (2016) **Climate change peril on wheat productivity in India: assessing the role of farmers' adaptation in ensuring food security**, in *Biennial conference of the International Society for Ecological Economics (ISEE)* June 26 to 29, 2016, Washington DC, USA.

Chandan Kumar Jha and Vijaya Gupta (2015), **Food Security through agricultural adaptation: role of socio-economic factors on adaptation choices in India**, *Global Food Security 2015*, 11-14, October, Cornell University, Ithaca, New York, USA.

Chandan Kumar Jha and Vijaya Gupta (2015), **Agricultural adaptation to climate change—assessing adaptive decision of Indian farmers**, in *Our Common Future under Climate Change 2014*, 07 - 10 July, UNESCO, Paris, France.

Barun Kumar Thakur and Vijaya Gupta (2015), **Assessment of arsenic induced health disease in Bihar, India**, *Conference of the International Society of Environmental Epidemiology (ISEE)*, São Paulo, Brazil.

Barun Kumar Thakur and Vijaya Gupta (2015), **Arsenic contamination in drinking water and valuing health damages: a case study of Bihar**, *Our Common Future Under Climate Change*, UNESCO, Paris 7-10 July, France.

Barun Kumar Thakur and Vijaya Gupta, (2014), **Economic valuation of arsenic free water using contingent valuation method: a case study of Bihar, India**, *51st annual conference of the Indian Econometric Society*, December 12-14, Patiala.

Barun Kumar Thakur, and Vijaya Gupta (2014), **Arsenic contamination in groundwater and its associated health effects in Maner and Shahpur blocks of Bihar, India**, *5th International Congress on Arsenic in the Environment*, May 11-16, Buenos Aires, Argentina.

Barun Kumar Thakur, and Vijaya Gupta, (2014), **Socio economic impacts of groundwater arsenic contamination in Bihar**, *International conference on Environment, Technology and Sustainable Development: Promises and Challenges in the 21<sup>st</sup> Century*, 2-4 March, Gwalior, India.



Chandan Jha and Vijaya Gupta, (2014), **Analysing Indian farmer's adaption strategy to climate change**, *biannual conference of the International Society for Ecological (ISEE 2014)*, 13 – 15 August, University of Iceland, Reykjavik, Iceland.

Sibanand Senapati and Vijaya Gupta, (2014), **Managing fisheries livelihood along with adapting global environmental changes: A study of 'Koli' communities in India**, *biannual conference of the International Society for Ecological (ISEE 2014)*, 12 - 15 August, University of Iceland, Reykjavik, Iceland.

Barun Kumar Thakur and Vijaya Gupta, (2014), **Arsenic concentration in drinking water of Bihar: health issues and socio-economic problems**, *biannual conference of the International Society for Ecological (ISEE 2014)*, 13 - 15 August, University of Iceland, Reykjavik, Iceland.

Vijaya Gupta, (2014), **Indigenous knowledge for climate change adaptation and ecological resource use management**, Chaired proposed session at the *biannual conference of the International Society for Ecological (ISEE 2014)*, 13-15 August, University of Iceland, Reykjavik, Iceland.

Sibanand Senapati and Vijaya Gupta, (2014), **Climate change and fisheries in Mumbai: an application of the stochastic frontier model**, *5<sup>th</sup> World Congress of Environmental and Resource Economists (WCERE 2014)*, Association of Environmental and Resource Economists and European Association of Environmental and Resource Economists, 28 June-2 July, Istanbul, Turkey.

Vijaya Gupta (2013), **Willingness to pay for weight-based pricing in the collection of household waste: a case of Mumbai**, *14th Global Conference on Environmental Taxation (GCET)*, 17-19 October, Kyoto Japan.

Senapati Sibanand and Vijaya Gupta, (2013), **Local vulnerability assessment of climate change and its socio-economic implications: a case of 'Koli' communities of Mumbai**, *The Seventh Biennial Conference of The Indian Society for Ecological Economics (INSEE)*, December 5-8, Tezpur University, Assam.

Sibanand Senapati and Vijaya Gupta, (2013), **Assessment of socio-economic vulnerability due to climate change among fish dependent community from Mumbai**, *4th National Research Conference on Climate Change*, October 26-27, IIT Madras, Chennai.

Sibanand Senapati and Vijaya Gupta (2013), **Climate change vulnerability and livelihood sustainability among fish dependent communities of coastal regions in India**, *National Conference on Environment, Natural Resources and Indian Economy*, Analytical and Applied Economics Department, 18-19 January Utkal University, Bhubaneswar.

Barun Thakur, Vijaya Gupta and Chattopadhyay Utpal (2012), **Vulnerability of population exposed to arsenic ground water contamination in Bihar**, *Third International Conference on 'Urban Biodiversity and Climate Change' (URBIO)*, October 8-12, IIT Bombay, Mumbai.

Sibanand Senapati and Vijaya Gupta (2012), **Dying fisheries in a changing environment: a study on livelihood strategies of fishery communities in Mumbai**. *2nd International Symposium on Effects of Climate Change on the World's Oceans*, 13-20 May, Yeosu, South Korea.

Vijaya Gupta (2012), **Welfare changes due to formalization of property rights in slums of Mumbai**, *Planet under Pressure 2012*, 25-29 March, London, UK.

Barun Thakur, Vijaya Gupta and Utpal Chattopadhyay (2011), **Arsenic groundwater contamination related socio-economic problems in India: issues and challenges**, *International Humboldt Kolleg Conference on Adaptive Management of Ecosystems: The Knowledge Systems of Societies for Adaptation and Mitigation of Impacts of Climate Change*, October 19-21, Institute for Social and Economic Change, Bangalore.

S K Mishra and Vijaya Gupta (2011), **Economic potential and eco-system benefits of emission trading for reducing air pollution in the coastal belt of Maharashtra**, *LOICZ Open Science Conference 2011- Coastal Systems, Global Change and Sustainability*, 12-15 September, Yantai, China.

Sibanand Senapati and Vijaya Gupta (2010), **Economics of climate change mitigation and adaptation: moving from impact assessment to vulnerability**, *2<sup>nd</sup> International Conference on Climate Change and Sustainable Management of Natural Resources*, 5-7 December, ITM University, Gwalior.

Vijaya Gupta (2010), **Climate change: an opportunity of resource shift from rich to poor in general and in India in particular**, *11th Biennial Conference of International Society of Ecological Economics (ISEE 2010)*, 22-25 August, Oldenburg and Bremen, Germany.

Vijaya Gupta (2010), **An investigation into willingness to pay as you throw (PAYT) for Household waste proper disposal in India: a case of Mumbai**, *11th Biennial Conference of International Society of Ecological Economics (ISEE 2010)*, 22-25 August, Oldenburg and Bremen, Germany.

Vijaya Gupta (2010). Chaired two proposed special sessions titled **Climate change: an opportunity to reduce inequalities for global sustainable economic development**, *11th Biennial Conference of International Society of Ecological Economics (ISEE 2010)*, 22-25 August, Oldenburg and Bremen, Germany.

Sibanand Senapati and Vijaya Gupta (2009). **Adaptation strategy: an alternate vision of climate change policy for developing countries**, *International Conference on Climate Change, Livelihoods and Food Security*, 9-10 June, Institute of Development Studies, Jaipur.

Sibanand Senapati and Vijaya Gupta (2009), **The need and scope of adaptation policy - an alternative to mitigation approach** at the *National Seminar on Ecological Economics: An Approach towards Socio-Economic and Environmental Sustainability*, 30 September - 1 October, Institute for Social and Economic Change, Bangalore.

Vijaya Gupta and G Mythili (2009), **Estimating environmental tax through estimating intangible benefits of improving water quality of Powai Lake in India: A contingent valuation approach**, *Annual Conference of European Association of Evolutionary Political Economy*, 6-8 November, University of Amsterdam, Amsterdam, Netherlands.

Vijaya Gupta, Hegde D S, Mythili G, Patil Rajesh (2009), **Valuation of urban environmental amenities in Mumbai and its suburbs: a hedonic pricing approach**, *The Indian Society for Ecological Economics (INSEE) 5th Biennial Conference*, January 21-23, Gujrat Vidyapeeth, Ahmadabad.

Vijaya Gupta and G Mythili (2007), **Determinants of willingness to pay for the benefits of environmental quality of Powai Lake in Mumbai**, *4th International Conference on Environmental Education*, 24-28 November, UNESCO, UNEP, MoEF, Centre for Environment Education Ahmadabad.

Chhabra Amit Pal Singh and Vijaya Gupta (2007), **Analyzing Indian policy holders' response to attributes of life insurance products**, *Oxford Business and Economics Conference*, 22-24 June, Oxford University, UK.

Vijaya Gupta (2006), **Non market valuation of the benefits of environmental quality of Powai Lake, Mumbai**, *Ninth Biennial conference of the International Society for Ecological Economics (ISEE 2006)*, 16-18 December, New Delhi.

Vijaya Gupta and Ahluwalia Karan (2006), **An econometric evidence of the income-pollution hypothesis in India**, *3rd World Congress of Environmental and Resource Economists (WCERE 2006)*, Association of Environmental and Resource Economists, 3-7 July, Kyoto International Conference Hall, Kyoto, Japan.

Vijaya Gupta and Karthik A J (2006), **An economic analysis of the Indian cellular services market and the impact of deregulation on it**, *5th Global Conference on Business and Economics*, 6-8 July, Cambridge, UK.

Vijaya Gupta (2005), **Searching for empirical evidences for environmental Kuznets curve for CO<sup>2</sup> and SO<sup>2</sup> emissions in India**, *Hope 2005 International Conference on Environment*, 3-5 November, Mumbai.

Vijaya Gupta (2005), **Gender bias and the environment**, National seminar on *Women in Situation of Conflict: Victims or Agents*, KC College, 10-11 March, Mumbai.

Vijaya Gupta, Naik Neelima, and Shrivastava Meenal (2004), **Indian Women and environment: vulnerability, efforts and opportunities**, *10th International Interdisciplinary Conference on the Environment*, 1-3 July, Boston, USA.

Vijaya Gupta (2003), **Global climate change: India's local concerns**, *9th International Interdisciplinary Conference on the Environment*, 17-19 June, London, UK

Vijaya Gupta (2000), **Dry farming technology for sustainable agriculture**, *Third Asian Conference of Agricultural Economists, Asian Society of Agricultural Economists*, 18-20 October, Jaipur.

#### **Citations in Newspapers:**

Gupta Vijaya and G Mythili, 2010, **Valuation of Urban Environmental Amenities: A Case Study**, *International Journal of Ecological Economics and Statistics*, Volume 19, Number F10, pp 20-31, CESER publication, Roorkee.

This study's results have been cited:

1. Madhavi Rajadhyksha, House near Park? Mumbaikars ready to pay more. Flat buyers wary of slums,

*Times of India*, April 5, 2011, pp1 and 2

Gupta Vijaya, 2005, **Climate Change and Domestic Mitigation Efforts**, *Economic and Political Weekly*, Volume 40, Number 10, pp 981-987.

This article has been referenced in the following articles and news coverage:

1. Sandeep Ashar, **Rising heat is killing us softly**, *Daily News Analysis (DNA)*, Mumbai, February 15, 2007, front page

2. Pothik Ghosh, **Warming-up Exercise**, *Economic Times*, Mumbai, August 23, 2005

#### **Management Development Programmes conducted at NITIE:**

Managerial Decision Making-February 2015, January and February 2014, January 2013, January

2012, February 2011, April 2009, November 2008

Carbon Market Analysis- January 2010, 2011

UBP for L&T at Lonawala with Prof Sanjeev Verma, 2013

Economics for Decision Makers- April 2008

Economics for Managers, December- 2007

An Application of Economics to Environmental Issues- January 2005  
Economics of Environment for Managers- February 2002, December 2002

**External Examiner:**

Ph D thesis examiner for University of Mumbai, Mumbai,  
Ph D and M Phil thesis examiner for IIT Bombay

**Other Professional and Administrative Activities:**

Member, BoG, 2019-20  
Member, Finance Committee, 2019-20  
Chairperson, NIRF Committee, 2019  
Chairperson, Faculty Screening Committee, 2019  
Chairperson, Committee for Postgraduate Diploma in Financial Economics and Management with Ohio University, 2019  
Chairperson, Grievance Redressal Cell, 2019  
Member PGP Committee, 2019  
Area Coordinator of Economics and Strategy, 2019  
Member, NITIE Review Committee, 2016-17  
Chairperson, Selection Committee for Research Associate 2018  
Member, Academic Advisory Council, N L Dalmiya Institute, Mumbai, 2019  
Member, Faculty Screening Committee, 2015- 2018  
Dean, Academic Affairs, November 2015 - 2017  
Chairperson of PGP Committee, Moderation Committee, Admission Advisory Committee, Disciplinary Committee, Award Committees such as Best Teacher, Dev Bhattacharya, Fee Revision, Curriculum Review, 2015-17  
Chairperson for selection of PGTs in Kendriya Vidyalaya, IITB, 2018  
Chairperson, Furniture Committee, 2016  
Member, NIRF Committee, 2016-18  
Coordinator, Golden Jubilee Socially Relevant Projects, NITIE, 2013 -15  
Chairperson, Women Development Cell, NITIE, 2013 -16  
Chairperson, Internal Complaints Committee, Board of Apprentice Training (BOAT), since 2013  
Chairperson, Internal Complaints Committee, NITIE, 2013-15  
President, NITIE working women welfare committee, 2013 -15  
Chairperson, Survey committee for consumable items, NITIE, Mumbai, 2011-13  
Chairperson, Scrutiny Committee Superintendent, 2012  
Member, Scrutiny Committee for the position of faculty 2014 cont., Member, Moderation Committee, NITIE, Mumbai, 2004, 2011-13  
Member, Assessment of Training Requirement for Employees, 2011  
Convener, Sub-committee on Workload Norms and Incentives for Faculty, 2010  
Member, PGPEX Committee, 2009  
Member, Survey committee for capital items, NITIE, Mumbai, October 2005-10

Member, Committee on framing guidelines for appointment on compassionate ground, 2005  
Member, Committee for appointments on compassionate ground, 2004-11  
Member, Library Committee, NITIE, Mumbai, 2004-09  
Member, Scrutiny for DR, AR, Accounts officer, Secretary to Director, Asst Librarian and Institute Engineer, 2007  
Member, Employees Grievance Redressal and Welfare Committee, 2006  
Member, PGP Rules and Regulations Review Committee, NITIE, Mumbai, 2004  
Member, Sponsored Research Projects Committee, NITIE, Mumbai, 2004  
Joint Secretary of NITIE Faculty Forum for the year 2003-04 and 2004-05  
Head of the Department of Humanities, Malaviya National Institute of Technology (MNIT), 1995-Aug.2000  
Examiner for Economics, Institution of Engineers, 1987-1992  
Examiner for Economics, University of Rajasthan, 1987-2000

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