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Present Position:

Associate Prof., Dept. of Industrial and Management Engineering, IIT Kanpur (Since May 2009)

Previous Positions:

Asst. Prof., Dept. of Industrial and Management Engineering, IIT Kanpur. (2001-09)

Dy. Director (Economics), Haryana Electricity Regulatory Commission, Panchkula (2000-01)

Fellow, Indian Council for Research on International Economic Relations, New Delhi. (2000)

Educational Qualification: Ph.D. M.E. (Indl. Engg.), B.Tech. (Mech. Engg).

His areas of interest include infrastructure regulation, policy and finance, power market reform and regulation, renewable energy, energy efficiency, energy and environment, project financing, energy economics and cross-border energy cooperation. He has taught a number of courses at IIT Kanpur, especially for the MBA program. These include infrastructure regulation, policy & finance, project finance, managerial economics, financial management, portfolio management, investment valuation and real options. He was a visiting faculty at Asian Institute of Technology, Thailand to teach a course on “Energy Price: Theory and Applications” from January- April 2013.

He has a number of journal, conference and discussion papers to his credit. He has published three books (i) “Policy Environment and Regulatory Reforms for Private and Foreign Investment in Developing Countries: A Case of the Indian Power Sector” (2010); (ii) “Inter-fuel Substitution, Industrial Energy Demand and Carbon Emissions” (2010), (with Kirit S Parikh and Jyoti Parikh). • “Economics of Nuclear Power: Modeling and Scenario Analysis for Light Water Reactors in India “, (with Saurabh Sharma and M. S. Kalra) LAP LAMBERT Academic Publishing (2011). He has contributed regulatory and policy submissions especially in the context of power sector.

He has been awarded a number of fellowships / scholarships including a Visiting Researcher Fellowship from Asian Development Bank Institute (ADBI), Tokyo, a Ph.D. fellowship by United Nations University/Institute for Advanced Studies (UNU/IAS), Tokyo and a research scholarship from Duestcher Akademischer Austauschdienst (DAAD), German Academic Exchange Council, Germany. His proposal on “PV Based Replicable Business Models for Informal Markets for Electricity” received the Best Business Model Award at the Asia Clean Energy Forum 2010 organised at the Asian Development Bank (ADB), Manila in June 2010.

He has undertaken a number of research/consultancy projects related to electricity / energy sector for a number of institutions including the World Bank, Asian Development Bank, the UNCTAD, UNU/IAS, Asian Institute of Technology, the University of Cambridge, and the Planning Commission. He is reviewer to journals and was Guest Editor to the International Journal of Energy Sector Management (special issue related to India). He is a Senior Member of IEEE, a member of International Association for Energy Economics (IAEE) and Life Member of Indian Economic Association (IEA).

He is a Member of the Working Group on Power for the 12th Five-Year Plan, Planning Commission. He was also a Member of the Working Group on Power for the 11th Five-Year Plan. Working Group on Bulk Energy Transport of the National Transport Development Policy Committee (NTDPC), Planning Commission. He is Member of State Advisory Committee of UPERC. He has also been a member of the Core Group on Next Generation Networks (Licensing Issues), Telecom Regulatory Authority of India (TRAI) and Member, Electricity Contract Advisory Board of Multi Commodity Exchange of India (MCX), Mumbai. He was Member, Advisory Committee for Capacity Building of Distribution Personnel under R-APDRP, Ministry of Power, Member, Research Advisory Committee of Council of Power Utilities, New Delhi, and Member, Study Group for System Loading Charges, and State Advisory Committee of Uttar Pradesh Electricity Regulatory Commission.