

**Payal Malik**

**Consultant, Centre for Infrastructure and Regulation**

**National Council of Applied Economic Research, New Delhi**

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### **Education**

June 1996 Master of Business Administration (Finance)  
University of Cincinnati, Cincinnati, OH, USA

June 1994 Master of Philosophy (Economics)  
Delhi School of Economics, University of Delhi, Delhi

July 1990 Master of Arts (Economics)  
Delhi School of Economics, University of Delhi, Delhi

July 1988 Bachelor of Arts (Economics and Mathematics)  
Lady Shriram College, University of Delhi, Delhi

### **Professional Experience**

**July 1997 onwards:** Part-time consultant, National Council of Applied Economic Research (NCAER), Industry and Infrastructure Division.

**From 2002** Consultant to the UNDP funded Center for Infrastructure and Regulation, Sector Specialist Power and Telecom

*(Job required leading research teams, and interaction with sponsors chiefly from government and regulatory authorities like TRAI, CERC, SEBI etc)*

### **Other Positions**

Member of the advisory committee for courses for the MA in Regulation at TERI School of Advanced Studies (TERI SAS)

### **Independent Consultancy Positions/Affiliations**

Senior Researcher, LIRNEasia, Sri Lanka, September 2004 onwards  
Consultant, WSP-SA, World Bank, New Delhi, June 2004 onwards  
Consultant, Indicus Analytics, New Delhi, since its inception in 2001.

**August 1990 – 1997:** Lecturer of Economics, University of Delhi

**1997 till present:** Senior Lecturer of Economics, University of Delhi

*(Teaching responsibilities include teaching an extensive course on Economic Development and Planning in India and an intermediate course in Micro-Economic Theory)*

### **Selected Consultancy Projects**

- Lead Researcher for a Project on ***An Analytical Review of Incentive Regulation of Power Utilities: Review of five State Electricity Regulatory Commissions, (Current)***, WSP-SA, World Bank, New Delhi.
- Team Leader, India, for a study on ***PPPs in Infrastructures in India: Capacity, Regulatory and Financial Issues, (Current)***, EU-India Economic Cross Cultural Programme

- Lead Researcher for a sub-project, Regulation in telecom markets for the **EU-India Economic Cross Cultural Programme** project titled: ***Efficiency, Equity and Access in Indian Infrastructure: Blending Competition and Regulation (Current)*** Associated with IDEL, University of Toulouse, France.
- Lead Researcher on **Institutional Restructuring of Urban Water Supply and Sanitation Utilities**, WSP-SA, World Bank, New Delhi. **(Current)**
- Lead Researcher on Diversifying Network Participation: India's Universal Service Obligation, LIRNEasia, Sri Lanka: Studied the current subsidy mechanism for expansion of telephony in India.
- Stimulating investment in network development: Roles for regulators, WDR, LIRNE.Net
- Lessons from India's Power Sector Reforms for Urban Water and Sanitation Sector Reforms, WSP-SA, World Bank, New Delhi: Part of this project was to review the urban water supply subsidy mechanisms for poor and how to restructure the industry and make it more inclusive for the poor
- Team leader for the study on challenges to competition in the telecommunication sector and the impact on industry structure, NCAER
- Consultant to the Expert Group on Power Sector Reforms in Punjab, Govt. of Punjab
- Team Leader of the Power Sector Report on Options for Introducing a More Competitive Market Structure in India's Power Sector, NCAER
- Team member for the preparation of the draft of the Electricity Bill 2001, NCAER (Sponsor: Ministry of Power, GoI)
- Project Leader for Demand projections for fixed telephone services in 2010, NCAER (Sponsor: Telecom Regulatory Authority of India)
- Project Leader for Affordability of Telecommunication Services, NCAER (Sponsor: Telecom Regulatory Authority of India, World-Bank aided Telecommunications Sector Reforms Technical Assistance Project)
- Project Leader for NCAER-SEBI Research Program on Capital Markets, NCAER (Sponsor: Securities and Exchange Board of India)
- Team member of the Rural Infrastructure Project- Rural Telephony, NCAER (Sponsor: Sir Ratan Tata Trust)
- Team member of Reform and restructuring of thirteen state level public enterprises, NCAER (Sponsor: Comptroller and Auditor General of India)

### **Other Projects**

In the capacity of an independent consultant for Indicus Analytics, New Delhi, I have also worked on education and health related projects. These projects were studies conducted for the World Bank. The projects involved leading a team for the **analysis of large databases (NSS and NFHS)** on **education and reproductive health** outcomes in addition to conducting exhaustive literature surveys. The results of this study will be published in a forthcoming edited volume: Sage Publications, New Delhi, India.

## **Workshops/Training**

1. Telecom Reform Course on Catalyzing Change: Strategies to achieve connectivity and convergence, 7th LIRNE.NET course on Telecom Reform in Singapore, September 25-30, 2005.
2. Refresher Course on Contemporary India conducted by Centre for Professional Development in Higher Education, University of Delhi, March 2005
3. SAFIR (South Asian Forum for Infrastructure Regulation)-Fifth Core Training Course on Infrastructure Reform and Regulation, August 3-11, 2003, Marawila, Sri Lanka
4. Attended a course in Economic Regulation of Infrastructures at the Section Economics of Infrastructures, *Faculteit Techniek, Bestuur en Management (TBM)* at Delft University of Technology (TU Delft), the Netherlands, March-June 2002
5. Refresher course in Applied Microeconomic Theory conducted by the Department of Economics Delhi School of Economics, Delhi University, April 2001

## **Selected List of Professional Papers**

- Design of Power Markets: Different market structures and proposed options for India, Margin, July-September, 2004, NCAER.
- Compliance Costs of Financial Regulation: Indian Mutual Funds Industry, H.T. Parekh Finance Column, Economic and Political Weekly, July 10, 2004.
- Regulation and Investment: Case Study of Indian Telecommunications Sector, in *Report on the World Dialogue on Regulation Stimulating Investment in Network Development: Roles for Regulators*, Case studies and research from WDR Research Cycle 2, Mahan, A. and Melody, W. (eds.)
- Indian Telecommunications Policy and Regulation: Impact on Investment and Market Structure, World Dialogue on Regulation, 2003, Infodev, Global Information and Technologies Department, World Bank.
- Telecommunications Sector, Quarterly Review of the Economy, March, June and September, 2004, NCAER
- Indian Telecommunications Sector: Issues in Market Structure and Regulation, Discussion paper for the International Telecom Round Table, August 29, 2003, New Delhi
- 'Efficient Allocation of Spectrum, Macro Track, NCAER, November 2003.
- Evolving Market Structure and Regulatory Predicament in the Indian Telecommunication Industry, Macro Track, NCAER, August, 2003
- THE ELECTRICITY BILL, 2003: Competition in India's Power Sector: Virtual or Real? MacroTrack, NCAER, May 2003
- The medium need not be the message!, Background paper for DFID sponsored International Conference on Options for Introducing a More Competitive Market Structure in India's Power Sector, October 28-29, 2002
- Measuring the Costs of SEBI Regulations: Compliance Cost for the Mutual Funds Industry in India, NCAER, January 2002, Accepted for presentation at the Fifth Annual Money and Finance Conference, IGIDR, Mumbai

## **Articles in Economic Press**

- Rural telephony: TRAI has got it right, finally! The Indian Express, October 31, 2005

- Regulation of Infrastructure Sectors: Moving Beyond the Rhetoric, The Financial Express, March 3, 2005
- Dial R for Regulator, The Indian Express, July 10, 2004
- 'Beauty Contests' Must End: Spectrum Allocation in Telecommunications, op-ed article, Financial Express, March 2, 2004
- How natural are electricity distribution monopolies?; op-ed article, Business Standard, March 31, 2003
- Making Power Competitive, op-ed article, Business Standard, October 15, 2002
- Privatization in India by G. Ganesh, Book Review, Business Standard, May 2001

### **Presentations**

- Current Issues in Competition and Regulation: Indian Telecommunications Sector, EU-India cross-cultural programme, NCAER, Oct 11, 2005
- Diversifying Network Participation: India's Universal Service Instruments, LIRNEasia, Network Meetings, Jakarta, Indonesia, Oct 1-4, 2005
- Diversifying Network Participation: India's Universal Service Instruments, World Dialogue on Regulation, Expert Forum, Singapore, September 30, 2005
- India's USO in telecommunications: Colloquium at LIRNEasia, Sri Lanka, May 20, 2005
- Lessons from India's Power Sector Reforms, Lecture delivered to Indian Economic Service trainees at the Institute of Economic Growth, Delhi, December 16, 2004
- Regulation and Investment: Case Study of Indian Telecommunications Sector, World Dialogue on Regulation (LIRNEasia), Expert forum, Colombo, September 17-20, 2004
- Indian Telecommunications Policy and Regulation: Impact on Investment and Market Structure, WDR, LIRNE.Net, Expert forum, Cairo, May 4-5, 2004
- Competitive Electricity Markets: what needs to be done? Paper presented to the Expert Group on Power Sector Reforms in Punjab, January 2003
- Power Sector Reforms in India: Issues in Market Structure and Regulation, Lecture delivered to Indian Economic Service trainees at the Institute of Economic Growth, Delhi, November 27, 2002
- Affordability of Telecommunication Services, Draft Final Report presented to Telecom Regulatory Authority of India, TRAI, July 10, 2002.
- State of Indian Power : Political Economy of the Power Sector in India, Paper presented in a Seminar at the Section Economics of Infrastructures, Faculteit Techniek, Bestuur en Management (TBM) at Delft University of Technology (TU Delft), the Netherlands, May 15, 2002
- Financial Sector Reforms in India, Paper presented in ADB-NCAER Conference, August 1998