

# Payal Malik



Position: Consultant, Centre for Infrastructure and Regulation  
Company/Organization: National Council of Applied Economic  
Research, New Delhi

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## 1. WORK HISTORY

**July 1997** onwards: 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, ICT and Water & Sanitation.**

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

### **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 a course on Economic Development and Planning in India and an intermediate course in Micro-Economic Theory)*

### **Other Positions**

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

Member of the **International Telecommunications Society, ITS.**

## 2. 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

### 3. SELECTED PUBLICATIONS

- Regulation of the Indian Power Sector: Lessons from the Experience, forthcoming in Compendium to the Indian Economy, Kaushik Basu ed., Oxford University Press
- India's Universal Service in Telecom, forthcoming in Connectivity: Moving Beyond Technology, Samarajiva, R. and A. Zainudeen, eds., Sage Publications
- 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**

- **Study of the subsidy mechanism in Indian Telecom: Universal Service Obligation**, Paper presented at the 16<sup>th</sup> Biennial Conference of the International telecommunication Society, ITS, Beijing, China, June 14, 2006.
- **Telecom Regulatory Environment: Issues and Methodology**, Lead discussant, at the ICT indicators workshop of TRAI and LIRNEasia, March 4, 2006
- **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 in Telecom**, LIRNEasia, Network Meetings, Jakarta, Indonesia, Oct 1-4, 2005
- **Diversifying Network Participation: India's Universal Service Instruments in Telecom**, World Dialogue on Regulation, Expert Forum, Singapore, September 30, 2005
- **India's USO in telecommunications: Colloquium at LIRNEasia**, Sri Lanka, May 20, 2005
- **Lessons form 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

## **4. SELECTED CONSULTANCY PROJECTS**

- Lead Researcher for the country report on India for a *Six country multi-component study on Telecom: Performance Indicators, Reform and Regulation* LIRNEasia
- Lead Researcher for a Project on *Documenting Capabilities for Measuring ICT in India*, OECD, Paris
- 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 IDEI, 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 in telecom**, LIRNEasia, Sri Lanka: Studied the current subsidy mechanism for expansion of telephony in India. (Sponsor: IDRC)
- **Stimulating investment in network development: Roles for telecom regulators**, WDR, LIRNE.Net, Denmark.
- **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.

## **5. WORKSHOPS/TRAINING**

1. **ICT Indicators Workshop**, LIRNEasia and TRAI, sponsored by IDRC, March 1-6, New Delhi, India.
2. **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.
3. Refresher Course on Contemporary India conducted by Centre for Professional Development in Higher Education, University of Delhi, March 2005
4. SAFIR (South Asian Forum for Infrastructure Regulation)-Fifth Core Training Course on Infrastructure Reform and Regulation, August 3-11, 2003, Marawila, Sri Lanka
5. 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
6. Refresher course in Applied Microeconomic Theory conducted by the Department of Economics Delhi School of Economics, Delhi University, April 2001

## **6. REFERENCES IN REQUEST**

- Mr. Suman Bery, DG, National Council of Applied Economic Research, New Delhi
- Dr. Vivek Srivastava, Senior Public Sector Specialist- AFTPR-MSN, World Bank, Washington D.C.