

CURRICULUM VITAE

Saurabh Bandyopadhyay

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National Council of Applied Economic Research (NCAER) Parisila Bhawan 11-I. P. Estate New Delhi Pin-110002	709-D Gulmohur Greens Society 95, Katori Mill Mohan Nagar, Ghaziabad Uttar Pradesh Pin-201005

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Experience of more than 24 years of research in reputed Research Institutions of India

Education

- 1986 M. Sc in Economics, University of Calcutta, Calcutta
- 1991 M. Phil (Economics) International Trade and Development Division, Jawaharlal Nehru University (JNU), New Delhi
- 1996 Ph. D (Economics) from the International Trade and Development Division, Jawaharlal Nehru University (JNU), New Delhi. (Ph. D as UGC Senior Research Fellow)

Ph. D. Dissertation

Economic Reforms, Growth of Productivity and Export Performance: Experiences of India and Selected Latin American Countries, 1996

Dissertation Committee

Prof. K. L. Krishna (Delhi School of Economics), Prof. B. N. Goldar (Institute of Economic Growth, Delhi) and Prof. S. K. Das (Jawaharlal Nehru University, New Delhi, currently with the University of California, USA)

Work Experiences

- ◆ Fellow: **National Council of Applied Economic Research (NCAER)**, New Delhi, from April 2018 onwards
- ◆ *Associate Fellow*: **National Council of Applied Economic Research (NCAER)**, New Delhi from October 2008 to March 2018.
- ◆ *Senior Economist*: **Future Group** (A Mumbai based corporate group pioneering the retail business in India) October 2006 to September, 2008 (with lien from NCAER)
- ◆ *Economist*: **National Council of Applied Economic Research (NCAER)**, New Delhi from April 1996 to September 2006 (with 7 months lien to work as Economic Adviser to the Ambassador of the Republic of Korea in 2003).
- ◆ *Consultant* at NCAER from November, 1995 to March, 1996

Publications/Area of Work

- ◆ **Review of Industry** November 24, 2018, in the **Malcolm S. Adiseshiah Mid-Year Review of the Indian Economy, 2018-19** by NCAER and India International Centre
- ◆ **Economic Impact Study of Delhi Airport**, NCAER, October 30, 2018
- ◆ **Skilling India: No Time to Lose**, NCAER, October 30, 2018
- ◆ **India's Worth as an Investment Destination**, *Livemint*, October 08, 2018 with Dr Anushree Sinha
- ◆ **NCAER's State Investment Potential Index**, August 05, 2018
- ◆ **Review of Industry** published in the **Quarterly Review of the Indian Economy**, May, 2018 by NCAER
- ◆ **Demand for Transportation Energy in India: An Interpretative Overview** (forthcoming at KAPSARC workshop series)
- ◆ **Review of Industry** published in the **Quarterly Review of the Indian Economy**, January, 2018 by NCAER
- ◆ **Indian Economist Editorial (Qrius, a digital media house):**“Will putting the Draft Labour Code on the backburner increase the burden on employers?” January 26, 2018. <https://qrius.com/labour-market-institutions-perspective-newly-presented-draft-labour-code-social-security-welfare/>
- ◆ **Review of Industry** November 2017, in the **Malcolm S. Adiseshiah Mid-Year Review of the Indian Economy, 2016-17** by NCAER and India International Centre
- ◆ **Review of Industry** published in the **Quarterly Review of the Indian Economy**, July, 2017 by NCAER
- ◆ **Review of Industry** published in the **Quarterly Review of the Indian Economy**, February, 2017 by NCAER
- ◆ **Review of Industry** October 2016, published in the **Malcolm S. Adiseshiah Mid-Year Review of the Indian Economy, 2016-17** by NCAER and India International Centre

- ◆ Interview published (24th May, 2016) by the **Korea Institute for International Economic Policy (KIEP)** related to Economic Effect of Indian E-Commerce Taxation on Industry
- ◆ **Conference Paper on Skill 3E** (Education, Employability and Employment) Index for the States in India: A Framework and Overview (NCAER), September 5, 2016
- ◆ **Review of Industry in Quarterly Review of Economics**, May, 2016, NCAER
- ◆ **Indian Manufacturing lacks Logistics** (April 28, 2016) in **East Asia Forum**, Economics, Politics and Public Policy in East Asia and the Pacific <http://www.eastasiaforum.org>
- ◆ **Factors Impacting Railway Freight Traffic in India**, February 2016, NCAER in collaboration with the **Railway Board, Ministry of Railways**
- ◆ **Emirates Airline Operations in India-A Multiplier Approach**, NCAER, December, 2015
- ◆ **Cable Homes in the Small Towns of India: An Analyses of Demand and Behavioral Patterns**-Working Paper, NCAER along with Dr. Tejinder Singh, August, 2015
- ◆ **Understanding Passenger Demand for the Indian Railways: Issues and Perceptions in a Socio-Demographic Framework**, Published by NCAER, May 2015
- ◆ **Railway Budget: Missed Opportunity for a Big-Bang Reforms**, Deccan Herald, 27th February, 2015
- ◆ Study on the **Sample Survey of Crop Outlook** Carried Out during December 2013-January 2014, NCAER (May 2014, with Dr. Shashanka Bhide and others)
- ◆ **Estimation of Transcendental Profit Function for the Indian Farmers: A Case study of Western Region** (Under consideration for publication in the Quantitative Journal of Economics)
- ◆ **India Emerging as World Economic Superpower: An Alternative Approach** in The Indian Economic Journal, Vol 53, No.2
- ◆ **Issues on the Impact of Efficiency Indicators on the Growth of Productivity: A Survey and Empirical Evidence from India Margin**, (Vol.33, No.1) National Council of Applied Economic Research (NCAER)
- ◆ **Indian Steel and Cement Sector: A Reflection of India's Growth Fundamentals**, *MacroTrack*, May, 2009
- ◆ **Is Urban Growth Good for Rural India**: Future Capital Research, Mumbai July, 2007 with Roopa Purushothaman and A. Roy: referred in the **United Nations Population Division, Department of Economic and Social Affairs**, United Nations Secretariat, New York in 2008 (Ref. UN/POP/EGM-URB/2008/o8):
- ◆ **The Pharmaceutical Industry: Policies and Prospects**,: *Macro Track*, August, 2006
- ◆ **Cotton Textile Industry in India: Implications for MFA Phase Out** in the book named Beyond the Transition Phase of WTO; An Indian Perspective on Emerging Issues, Published by the Academic Foundation, February, 2006

- ◆ **Export Credit Delivery System in India: How Satisfied is Exporters?** *Margin*, (Vol 35, No. 2): along with Dr. Rajesh Chadha and Dr. D. K. Pant
- ◆ **Business Confidence: Measurement and Patterns in Indian Data** (along with Dr. S. Bhide and Dr. A. Sood) *Margin* (Vol.32, No. 2), NCAER
- ◆ **Infrastructure Development in India: An Assessment of Status and Strategies.** Contributed the Port and the Airport Chapters, February, 2010
- ◆ **India Infrastructure: Current Policy and Regulatory Environment for Attracting Investments**, March, 2009 (NCAER) Draft Report Submitted to the Planning Commission
- ◆ **The Next Urban Frontiers in India**, July 2008:-a research piece of the Future Capital Research in collaboration with NCAER
- ◆ **UNCTAD** study of the impact of liberalization on gender participation in the handicraft sector in India, (Mimeo)
- ◆ **Efficient Bus Services with both Public and Private Operators: The Case of Delhi** (NCAER Project Working Paper Number: 1035/6, December, 2006) with Etienne De Vallamore of the **University of Toulouse, France**
- ◆ **Drop in Business Optimism: Macro Track**, August, 2006
- ◆ **Emerging India: Transition to a Cash-less Economy**, Visa International, January 18, 2005
- ◆ **Indo-Korean Economic Co-Operation** *Margin*, (Vol 36, No. 2)
- ◆ **Civil Aviation Sector in India: A Preview of a Dynamic Sector** February, 2005, NCAER study for the Ministry of Civil Aviation
- ◆ **Investment in India: Interface of Avenues and Constraints** (confidential report): Embassy of the Republic of Korea, New Delhi, April, 2003
- ◆ **McKinsey Re-visited: A Profile of the Indian Economy:**(Confidential Report): Embassy of the Republic of Korea, New Delhi, January 2003
- ◆ Paper contributed in "**Economic and Policy Reforms in India**," Published by the NCAER, August 2001 (ISBN - 81 - 85877 -73 -4)
- ◆ **Performance of the Selected Clusters of Small and Medium Industries in India in the Post-Reform Period - An Overview** in the *Journal of Scientific & Industrial Research*, (Vol. 60, March 2001), Council of Scientific and Industrial Research (CSIR)
- ◆ **Review of the Indian Economy** (From April 2000 and to August 2002), NCAER New Delhi (reviewed the Industry Sector)
- ◆ **Meeting India's Petroleum Requirement: Demand Projections 2001 – 02 and 2006 – 07** (March, 2000), NCAER, New Delhi (part of the Core research team)
- ◆ **The Impact of Changing Global Trade Policies on India** (January, 2000), NCAER (mimeo) New Delhi (part of the Core research team)
- ◆ **Rational of Minimum Export Price in the Coir Industry** (May 1999), NCAER (mimeo), study report submitted to the Coir Board, Government of India
- ◆ **Policy and Policy Changes in the Small Scale Sector in India: A Review**

- ◆ **Impact of Economic Reforms in Large, Small & Medium Scale Enterprises in the Organized and Unorganized sectors** (June 1996) NCAER, New Delhi (mimeo)
- ◆ **Methodology for Demand Estimation of Really New Products: A Regional Perspective** with Dr. Sucharita Sen at MDI Management Journal, July 1996.
- ◆ **Income Recognition Norms and Banking Reforms in India** (February, 1995), (along with Prof. Shubhasis Gangopadhyay and Dr. Wilima Wadhwa) for the **Planning Commission**, New Delhi (mimeo)

Major Project Experiences

- Assessment of the **Progress and Preparedness of the Direct Benefit Transfer** across States and Union Territories of India
- **N-SIPI** (NCAER-State Investment Potential Index), 2018
- **Study for assessing the need for establishing a separate authority for the office of the Central Registrar of Cooperative Societies.** This study is being carried out for the Ministry of Agriculture and Cooperation since November, 2017.
- Developing **Skill 3E (Education, Employability and Employment) Index** at the state levels for India
- Contributed “Airport and City Link” in the study on **Economic Impact of Indira Gandhi International Airport**, Delhi, August 2017
- **Factors Impacting Railway Freight Traffic in India** –a detailed study of the movement of bulk commodities in India and the reason for recent slowdown
- Periodic review of the **Industry sectors** in India
- Assessment of **Institutional Funding Gap to the Cooperative Agro-processing Sector** in India and opportunities lost in creating employment potential in the rural areas of India
- **Targeted Public Distribution System** in India- Evaluation based on its impact on the level of food security for the population below poverty line
- Airline Operation in India- Analyses of the Impact based on Employment and Output in India
- Study of **Agricultural Outlook and Situational Analyses** for India. Coordinated PDA based survey all over India with schematic planning, starting from pre-testing survey to data-extraction from the server, its compilation and analyses. This study was assigned by the **Ministry of Agriculture**
- Detailed study of **Passenger Traffic for the Indian Railways.** Designed and implemented outlines linked to detailed demographic structure of the Railway Passengers in India to assess their perceptions on service quality and willingness to pay.
- Study of **Agricultural Marketing Strategy for India:** A case study of the onion price fluctuations and its relevance to the incentive structure of the farming community

- Project Leader to the extended study of **Cable TV Market** in different parts of India.
- Principal Investigator to the study of cable TV market in the small towns of India. The study is aimed to assess the number of **Cable TV Homes in the Small Towns of India** and cost per connection. The study is extended further to analyze the demographic parameters in terms of ward clusters to ascertain the reason of penetration of TV households in the small towns of India.
- Study on the **Evaluation of the Status of Infrastructure in the Port and Airport sector** in India
- **Study of Cement Industry and its Sectoral Linkages;**
- Evaluation of afforestation in the catchment area of the **Indira Sagar Dam in Madhya Pradesh**
- Study of: Current Policy and **Regulatory Environment for Attracting Investments in Infrastructure**, March, 2009 (NCAER) Draft Report Submitted to the **Planning Commission**
- Field-level analysis of the women participation of the weaving based employment in Northern India (**UNCTAD** study)
- Principal Researcher to **Business Expectation Survey (BES)** in two different intervals that are considered to be a comprehensive indicator of business sentiment of the country.
- Bearing Point study of **Capacity Building in the three states of Uttarakhand, Jharkhand and Karnataka**, 2006-07. My role was linked to co-ordination of research activities through meeting government and other officials, data assimilation, and using the outcome in the analytical framework of the report.
- **Visa International** study to evaluate and assess the **emerging trend of transition of India's paper based monetary transaction to plastic economy** along with the prospect of retail credit in India.
- The study for **SAB Miller** to assess the **incidence of taxation on the market for beer** and possible way out to retain high revenue growth of excise without affecting the level of demand
- Complementary study of the Naresh Chandra Committee (to suggest the roadmap of the liberalization of the Indian civil aviation) conferred to NCAER by the **Ministry of Civil Aviation**. While analyzing the market, the study predicted an **immense potential of the budget airlines**, which was at their nascent stage 2004 and now a reality
- Study to evaluate and assess the prospect of domestic tourism (**Ministry of Tourism**)-2003
- Study to evaluate the level of satisfaction of export credit delivery system by **RBI**-2002
- Study to predict India's petroleum requirement (**Ministry of Petroleum**)-1997
- Study to assess the performance of the **State Level Public Sector Enterprises (SLPEs)**, 1998-99 (Study was sponsored by the office of the Comptroller & Auditor general of India)

- Led **World Bank** research project on the impact of economic reforms on SMEs in 1995.

Responsibilities at Future Group, Mumbai

- Study to evaluate the supply chain management
- Evaluation of the strategic network optimization, including the number, location, and size of warehouses, distribution centers, and facilities
- Developing insight into aspects of strategic importance for corporate investment and business activities
- Periodic estimation and publication of Consumer Activity Index (CAI), a quarterly gauge of consumption parameter based on spending for lifestyle, retail and dynamic products and their movements over time
- Publications of thematic research papers on development and the issues on the growth of consumption.

Workshop, Training & Courses

- Presentation in the Workshop on Ease of Doing Business at Project Bhawan, Dhurwa, Ranchi, October 26, 2018, organized by the **Single Window System, Ministry of Industries, Government of Jharkhand**
- Presentation in the Workshop on the NCAER's State Investment Potential at **India International Centre**, August 03, 2018
- Participation and presentation in the workshop on the Future of Transportation Energy Demand for Freight: China & India in Hong Kong, September 11, 2017 organized by the **King Abdullah Petroleum Studies & Research Centre (KAPSARC)**, Riyadh, Saudi Arabia
- Took part in the panel discussion on "Sheer advancement in technology in India: Time to revisit the Luddite fallacy" in The Economics Summit, Conventus 2017" at **International Management Institute**, New Delhi on August 19, 2017
- Took classes in the training programme for the **Indian Foreign Service (IFS)** and **Indian Administrative Service (IAS)** officers on "Indian Economy in the 21st Century" and "Policy Priorities of the Indian economy" in August: 2005 at NCAER.
- Rigorous exercise on Advanced Econometrics Applications of Panel Data using NCAER REDS data, sponsored by **International Development Research Centre (IDRC)**, November 23 to December 2, 2010 at NCAER under the supervision of Prof. K. Kalirajan of the Australian Open University.
- Executive training on the use of household data to estimate different measures of poverty by Professor Stephen D Younger of Cornell University, sponsored by **IDRC** from March 14 to March 18, 2011 at NCAER
- Participated in IDRC-NCAER training programs on applied econometrics and policy by Prof. David E Sahn of the Cornell University, May 23, 2011 to May 28, 2011.
- Training on programming the use of household data to estimate binary outcomes by Professor Stephen D Younger of Cornell University, sponsored by **IDRC** from Dec 12 to Dec 16, 2011 at NCAER

Other Activities at NCAER

- Chief Coordinator to the **NCAER-HDFC Conference on Rural Housing** held on August 28, 2009 at India International Centre. The programme required constant interaction and coordination with the HDFC Chairman Dr. Deepak Parekh and the Former Governor of the Reserve Bank of India Dr. Bimal Jalan.
- Secretary of the **NCAER Staff Welfare Association:2008-15**
- President of the **NCAER's Thrift and Credit Society**, Since 2014

Special Achievements

- 1988: Awarded **UGC Research Fellowship** and **Senior Research Fellow** for Doctoral Research in Economics from JNU, New Delhi
- 1997-2002: **Associate Editor** of *Margin*, a Quarterly Journal of Applied Economics from NCAER
- 2000: Participant of the **International Visitors Program** and visited the USA to study Federal Institutions & Policies, Regulatory Structures and Reforms in the American Financial Sector through seminars, debate and other form of interactions.
- 2006: Conference on Private Public Partnership in the **University of Toulouse, France**

Saurabh Bandyopadhyay