

Surya Bhushan

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ACADEMIC QUALIFICATIONS

- **PhD in Economics** From Centre for Economic Studies & Planning (CESP), School of Social Sciences (SSS), Jawaharlal Nehru University (JNU), New Delhi India
- **MPhil in Economics** From CESP, SSS, JNU, New Delhi India
- **MA in Economics** From CESP, SSS, JNU, New Delhi India

SPECIALIZED AREAS

- Microeconomics, Econometrics, Mathematical Economics
- Agricultural Productivity Measurement
- Marketing Mix Modeling
- Pricing Analytics.

DISSERTATION

MPhil:

Title	R&D Behaviours of Indian Corporate Firms in the Nineties
Description	<ul style="list-style-type: none">➤ Applied limited dependent variable techniques of PROBIT and TOBIT to understand the R&D behavior of Indian Corporate firms across different industries, especially in the post-liberalisation period.

PhD:

Title	Agricultural Productivity & Environmental Impacts in India: a Parametric and Non-Parametric Analysis
Description	<ul style="list-style-type: none">➤ Applied Non-Parametric Data Envelopment Analysis (DEA) and Parametric Stochastic Frontier Approach (SFA) to estimate the Malmquist TFP for Paddy and Wheat in India for the period 1981-2010.➤ Used Panel Data Approach to understand the long term sustainability of paddy production in the high yield states.➤ Using Generalised Additive Models (GAMS) to estimate the fertilizer response to paddy and wheat yields across Indian States..

WORKSHOP/TRAINING ATTENDED

- World Bank sponsored Workshop on **Environmental Economics for PhD scholars** at The Ecological Economics Unit, **ISEC, Bangalore** during Dec 9-13, 2002
- Two Day long Workshop on **Productivity and Efficiency Measurement** at the Centre for Development Economics, **Delhi School of Economics**, University of Delhi in 2002.
- Winter School 2004, **Delhi School of Economics**, University of Delhi.
- A week long Accenture Management Consulting (AMC) training attended at Q-Center, St. Charles, **Chicago, USA** in May 2013.

PAPER PRESENTED AT CONFERENCES/ WORKSHOP

- Paper presented, "**Malmquist Productivity Growth of Wheat in India during Pre- and Post- WTO Period**", at International Conference on "Indian Agriculture Sector under Trade Liberalisation and WTO: Issues And Challenges", December 11-12, 2014, **Centre for WTO Studies, IIFT, New Delhi**.
- Paper presented, "**Understanding Energy Use in Indian Agricultural Production System in the Post-WTO Period**", at International Conference on "Indian Agriculture Sector under Trade Liberalisation and WTO: Issues And Challenges", December 11-12, 2014, **Centre for WTO Studies, IIFT, New Delhi**.
- Presented and awarded best paper on "**Environmental Impacts in Indian Agriculture**" in a World Bank sponsored programme at **ISEC, Bangalore** in 2002.
- Worked on **FAO** sponsored project of **ROA (Role of agriculture)** in 2002 and done both primary and secondary research of four different villages of Punjab and UP to observe the role of culture in agriculture under the supervision of Prof Dipankar Gupta of Sociology at JNU. This was published as "Vanishing Village".

PUBLICATIONS

- **The Indian Economic Journal (2009)**, "Non-Parametric Productivity Growth of Wheat in India during Post-Green Revolution", 56(4); 55-77.
- **Arth Vijnana (2006)**, "Productivity and Efficiency of Wheat Production in India", XLVIII (4); 305-20.
- **Indian Journal of Agricultural Economics (2005)**, "Productivity Growth of Wheat in India: a Malmquist Approach", 60(1); 32-48..

AWARDS AND RECOGNITION

- Junior Research Fellowships (**JRF**) in Economics by University Grants Commission (**UGC**) in 1998.
- Winner, **Tata Business Crucible Quiz**, Delhi Round (2006)

PROFESSIONAL AFFILIATION

- Life Member, Indian Econometric Society of India