

RESUME

DEVENDER PRATAP

National Council of Applied Economic Research (NCAER)
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EDUCATIONAL QUALIFICATIONS

Master of Philosophy (M Phil) in Economics from Himachal Pradesh University, Shimla-5, 1990.
The topic of dissertation was, *Inter-District Comparison of Performance of Agriculture Sector in Himachal Pradesh.*

Master of Arts (MA) Economics from Himachal Pradesh University, Shimla-5, 1988.

Currently, pursuing my Ph D work from Centre for Study in Regional Development, School of Social Science, Jawaharlal Nehru University, New Delhi – 110 0067. The dissertation topic is **Trade Policy and Resource Allocation in Indian Economy: Multi-Sectoral Analysis in an Economy-Wide Modelling Framework.**

SPECIALISATION

Trade Policy Analysis/CGE Modelling, GTAP Database, Social Accounting Matrix, Input Output Analysis, Construction of Base-Run for CGE Modelling. Macro-econometric Modelling, Agricultural/Livestock Economy

EMPLOYMENT RECORD

Associate Fellow at NCAER, India (March 2010 onwards)
{on Leave from NCAER, February 1, 2007 – February 2010}

Consultant (Associate Professor Level), Development Planning Centre, Institute of Economic Growth, University of Delhi Enclave, Delhi – 110007 (**March 2009- July 2009**)

ICSSR Salary Protected Institutional Doctoral Fellow, Institute of Economic Growth, University of Delhi Enclave, North Campus, Delhi – 7 (**February 2007 – February 2009**)

Associated Fellow, NCAER, India
(April 2003 to January 31, 2007)

{on Leave from NCAER, September 1, 2004 –December 31, 2004}

Consultant -Trade Policy Analysis and CGE Modelling, United National Conference on Trade and Development (UNCTAD) India, Delhi (Oct 1- Dec 31, 2004)

Junior Economist at Macro Division, NCAER, India, (March 200 to March 2003)

Consultant at Macro Division, NCAER, India
(February 1998 February 2000)

Research Officer at Institute of Economic Growth (IEG), Delhi University Enclave, Delhi –7 (January 1996 to January 1998).

Research Analyst, Institute of Economic Growth (IEG), Delhi University Enclave, Delhi –110 007 (December 1991 to December 1995)

Project Assistant, National Institute of Educational Planning and Administration (NIEPA) 16, Aurovindo Marg, New - Delhi -16 (October 1991 to November 1991)

Project Assistant at Indian Statistical Institute (ISI), Delhi Centre, 7, SJS, Sansanwal Marg, New Delhi – 110 016 (January 1991 to September 1991)

Current Projects at NCAER (March 2010 -----)

- Worked as a team member for the study *Deepening India's Engagement with Africa*, sponsored by ICTSD (International Centre for trade and Sustainable Development) Geneva
- Worked as a team member for the study *An Assessment of the Economic Impact of Airports: The Case of Delhi and Hyderabad International Airports* (M154)
- *Assessing the Impact of Airlines Operations in The Economy: Emirates in India*, (M147), November 2011
- Did a small work for computation of ICOR for Indian Economy for Report of the Working –Group on Estimation of Investment, Its Composition and Trends for Twelfth Five Year Plan (2012-12 to 2016-17) October 2011
- Prepared the Data-Base for project, *Modelling Work for Eleventh Plan and beyond, 2010* and also worked for NCAER Monthly and Macro database.

RESEARCH EXPERIENCE IN BROADER AREAS

- Handling Research projects on various aspects of trade policy Reforms in a *Multi-Sectoral, Multi-Country Computable General Equilibrium (CGE) Modelling Approach*.
- Familiar with Brown-Deardorff-Stern (BDS) model of University of Michigan, Ann Arbor. I successfully implemented the model in GTAP version 4.0, 5.0 and 6.0
- Hands-on-experience with Global Trade Analysis Package (GTAP) ver. 6.2 of CGE model and GTAP 6.1 Database maintained by Centre for Global Trade Analysis, Purdue University, West Lafayette.
- Previously, worked as a Team member of IEG-DSE Research Team for project LINK Project, *Macroeconometric Model for India* at IEG university Enclave Delhi, 110 007.
- Assisted Prof A M Khusro for his study on, *Returns to scale in Indian Agriculture*, based on *Cost of Cultivation* data collected by Ministry of Agriculture, Government of India. It was an analysis based on 40 page questionnaire based of farm and allied activities of agricultural household

- Associated in IEG study on *Agricultural Diversification in Himachal Pradesh, India*. It was based on micro-level household data on farming, dairy-farming and off-farm activities, conducted in rural area of district Solan in Himachal Pradesh, India
- Associated in IEG study *Agro-climatic Regional Planning of Livestock for Eighth Five Year Plan*, based on All India level district-wise data for 13th Indian Livestock Census, 1982.
- Prepared a sampling design for All -India study, *Use of Sample Surveys in Educational Statistics* at NIEPA.
- Worked for ISI study *Disparity in Household Income and Level of Living*. It was a study of Doctors of Delhi Metropolitan City.

PUBLICATIONS

i) Journal Articles

- Goldar, Bishwanath, **Devender Pratap** and Yashobanta Parida, “Impact of tariff Reduction according to Doha Modalities in India’s Trade of Agricultural Products”, *Economic and Political Weekly*, Vol XLVII, No. 2, January 14, 2012
- Chadha Rajesh and **Devender Pratap** ‘Titanic FTAs: Is it time to establish a Pan-Asia FTA?’ *Margin: The Journal of Applied Economic Research*, Vol. 1, No. 1, 2007 pp. 24-45
- Chadha Rajesh, Pooja Sharma, **Devender Pratap** and Anjali Tandon '*GSTP: The Dynamics*', *Margin*, Vol. 38, No.2 Jan – March 2006, pp 53-118
- Chadha Rajesh, **Devender Pratap**, Pooja Sharma and Anjali Tandon (2005) '*Indian Textiles: Weaving a Success Story*', *Margin*, Vol. 37, No.4, July –September 2005, pp 29-104
- Chadha, et al '*Toward Indo Japan Economic Cooperation*', *Margin*, Vol. 37, No.2 Jan - March 2005, pp. 69
- Chadha Rajesh and **Devender Pratap** (2004), *India-Singapore Cooperation*, *Margin*, Vol. 36&37/Nos.4&1 July -September/October -December 2004
- *Chadha Rajesh and Devender Pratap* (2004) “*Expanding the Bangkok Agreement*”, *Margin*, Vol. 35, No.4, July -September 2003
- *Chadha Rajesh and Devender Pratap* (2003) *Indo-Pak Trade : More Butter, Fewer guns*, *Margin*, Vol. 35, No.3, April-June 2003
- Sanjib Pohit, Rajesh Chadha, and Bikram Ghosh and **Devender Pratap** (2000), *Validating Predictions of A CGE Model: An Introspection*, *Journal of Quantitative Economics*, Vol. 15, No. 2, pp. 277-285.
- Krishnamurty, K., V. Pandit, T. Palanivel and P. Saibaba and Devender Pratap (1996) *Indian Economy, 1995-96 to 1997-98, Alternative Scenario*, *Economic and Political Weekly*, Vol. XXXI, No. 1, March 16
- IEG-DSE Research Team (1995) *India: Economic Outlook, 1995-97 in Economic and Political Weekly*, Vol. XXX, No. 38, September 23,

ii) Book Chapters

- A section on *The Services*, in *Sustaining Growth and Reducing Inflation, Part II, Recent Trends and Patterns in the Economy*, NCAER – IIC Mid Year Review of the Economy, November 5, 2012 (Mimeo)
- A book article on *External Sector*, in *Mid Year Review of the India Economy, 2003-2004*, (Suman K Bery, ed.), Shipra Publications and India international Centre, New Delhi, 2004 (Jointly with Chadha, et al)
- Rajesh Chadha and **Devender Pratap** (2004) *A Background note on India's Input-Output Table for GTAP Version 6*, in Dimaranan, Betina V and Robert A. MacDougall (eds), *Global Trade, Assistance and Protection, The GTAP 6 Data-Base*, Centre for Global Trade Analysis, Purdue University, West Lafayette, USA
- Chadha Rajesh and **Devender Pratap** (2002) *A Background note on India's Input-Output Table for GTAP Version 5*, in Dimaranan, Betina V and Robert A. MacDougall (eds), *Global Trade, Assistance and Protection, The GTAP 5 Data-Base*, Chapter 11.I, Global Trade Analysis Package (GTAP), Centre for Global Trade Analysis, Purdue University, West Lafayette, USA, 2002.

iii) Reports

- *'Import Content, Value Added and Employment Generated in India's Exports An Input-Output Based Analysis'*, Devender Pratap and Shibananda Nayak, (Mimeo), Centre for WTO Studies, Indian Institute of Foreign Trade , New Delhi - 110 067
- ACIAR report entitled, Agricultural Trade Liberalisation and Domestic Market Reforms in Indian Agriculture
<http://aciar.gov.au/files/node/11174/ADP-2002-089.pdf>
- Worked as a team member in UNCTAD Study, *Dynamics of Global System of Trade Preferences: Potential consequences for India*. Prepared a CGE based analysis for this study, May 2004.
- Chadha Rajesh and **Devender Pratap** (2001) *Economic Implications of Extending the Bangkok Agreement to the Developed Countries of the Region*, paper prepared for UN-ESCAP conference of Bangkok Agreement, June 2001.
- Chadha Rajesh and **Devender Pratap** (2004) *Towards Japan-India Comprehensive Economic Cooperation*, Prepared a CGE based analysis for this study, NCAER (Mimeo).
- Krishnamurty, K. V. Pandit, T. Palanivel, P. Saibaba, & **Devender Pratap** (1997) *An Econometric Model for India, 1971-95*, Institute of Economic Growth (mimeo), September
- Krishnamurty, K. , P. Saibaba and **Devender Pratap** (1997) *A Model of Public Sector Finances*, Institute of Economic Growth (mimeo), June
- Krishnamurty, K. V. Pandit, T. Palanivel and **Devender Pratap** (2006) *Run-up to the Ninth Plan: A View at the Start*, Institute of Economic Growth (mimeo), December

iv) Other Work:

- Every month I track the economy and construct leading Economic indicators based on small model in E-VIEW.
- Contribute the section on **Services** to *Quarterly Review: Review of the Economy at NCAER*, since October 2010 onwards.
- Earlier, contributed a section on **External Sector** in the *Quarterly Review*.

SEMINAR PRESENTATION

- Participated as discussant in the National Workshop On Balanced Regional Development: Challenges and Way on a paper titled Poverty and Inequality in India: State and Beyond at Rajiv Gandhi Institute for Contemporary Studies, New Delhi 110001 February 8, 2012
- Presented a paper in Joint World Bank-MSE Workshop on Diagnostic Tools and Instruments for Assessing Environmental Challenges, Computable General Equilibrium Modeling and other Approaches, Madras School of Economics, December 19-20, 2012
- Presented, the revised version of the entitled, *Emission reduction commitments and international carbon trading: Assessment of impact on India and China based on GTAP model*. (Bishwanath Goldar and Devender Pratap) in the POEM (**Policy options to engage emerging Asian economies**) on climate policy organised by Institute of Economic Growth, University of Delhi Enclave, Delhi -11007, September 6, 2012.
- Seminar on *Emission reduction Commitments and International Carbon Trading: Assessment of impact on India and China based on GTAP-E model*, by Bishwanath Goldar and Devender Pratap at NCAER, April 18, 2012
- <http://www.ncaer.org/downloads/MediaClips/Press/Goldar%20Pratap%20paper%20slides%2018%20april.pdf>
- Presented a paper on **IDRC Think Tank** supported international workshop, *Emission reduction Commitments and International Carbon Trading: Assessment of impact on India and China based on GTAP-E model*, by Bishwanath Goldar and Devender Pratap *“Towards greening the economy”* at Institute of Economic Growth, University of Delhi Enclave, Delhi -11007, February 22, 2012.
- Presented a paper of my Ph D work titled, *An Analysis of India’s Trade Policy Reforms: An Illustrative Exposition with CGE Model*, Centre for Study of Regional Development, SSS/ JNU, A Festschrift Conference, August 12, 2011
- Presented the finding of my Ph D work at IEG seminar titled *Trade Policy and Resource Allocation in Indian Economy: An Illustrative Exposition with an Economy-wide Model*, February 6, 2009.

SUBJECT LECTURES

Conducted hands-on-session with a lecture on *Evidence Based Policy Analysis and Relevance of Data-Base in Social Sciences: Some Illustrations* to faculty and Ph D scholars at the *National Workshop on Contemporary Trends in Social Sciences*, Himachal Pradesh University, Shimla -5 during 27 May -2 June 2013.

- Invited for a series of Lecture to Ph. D. students and faculty members on “*Analytical Tools for Economic Impact Assessment: Some Illustrative Examples*” Institute for Social and Economic Change, Bangalore, March 21-23
- Invited for a guest Lecture “*State-of-art-Methodologies and Analytical Tools in Appraising Business Policy: An Illustration*” at Institute of Management Technology (IMT), Nagpur on February 15, 2013.
- Delivered a lecture “*Input-Output (I/O) Tables and Multiplier Analysis: Some Methodological and Illustrative Expositions*” for ICSSR training programme on *Research Methodology & Project Formulation* for Ph D scholars and young teachers from colleges and universities at Institute for Studies in Industrial Development (ISID), Vasant Kunj, New Delhi, on January 17, 2013.

ABROAD ASSIGNMENT

- Visited *University of Michigan (UM), School of Public Policy*, Ann Arbor, Michigan during September 18 -- October 10, 1999 for NCAER - UM joint project assignment on Multi-Country CGE Model. Worked under the supervision of Professors Alan V Deardorff and Robert M Stern

TRAINING PROGRAMME ON CGE MODELLING

i) As a TRAINEE

- Awarded a Ford Foundation Fellowship to attend GTAP *South Asian Course* on Global Trade Analysis organised by Centre for Global Trade Analysis, Purdue University, West Lafayette, Indiana hosted at *Indira Gandhi Institute of Development Research (IGIDR)*, Mumbai.
- Awarded a fee waiver fellowship for attending a *Dynamic GE Modelling Course* at Beijing, April 19-24, 2010 jointly organised by the Centre of Policy Studies, Monash University, Australia and Center for Chinese Agricultural Policy, Chinese Academy of Sciences.
- Awarded UN-ESCAP sponsorship tour on *Capacity Building on Economic Modelling for National Strategies for Sustainable Development* organised by Commonwealth Scientific and Industrial Research Organization (CSIRO) and University of Sydney, Canberra during 11-17 September 2013.
- Visited Centre of Policy Studies, Monash University, Clayton, Australia to work on a CGE Model for India during 12-31 October 2013.

i) As a Resource Person

Conducted two full-days Training programme and lectures on GTAP Model and Database (both theory and hands-on-experience) to the M Phil and Ph D level participants of training workshop on *Trade Modelling Using GTAP and other*

Econometric Software” sponsored by UNCTAD India program. This course has a media citation;

http://articles.timesofindia.indiatimes.com/2009-04-15/allahabad/28058365_1_unctad-workshop-jadavpur-university

I have been hired as one of the team members for conducting an International Training *programme on GTAP/CGE Modelling* for UNCTAD, India scheduled in December 2008.

TEACHING/RESEARCH GUIDANCE

i) TEACHING

Worked as *Lecturer (Part Time)* for Indira Gandhi National Open University (IGNOU) during 1993-97 to teach *Master Programme in Management* and *BA level Economics* at Kirorimal College, Study Centre, Delhi University. Taught following courses during this period.

- Managerial Economics.
- Management of New and Small Scale Enterprises
- Technology Management
- Business Environment

ii) M PHIL SUPERVISION

Supervised a M Phil dissertation titled, *Infrastructure Development under Economic Reforms: Implications for India's International Trade*, Directorate of Correspondence Courses, Himachal Pradesh University, Summer Hill, Shimla -5.