

## CURRICULUM VITAE

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Areas of Interest: CGE Modeling, Macroeconomics, and Development Economics.

### Academic Qualifications

Ph.D. - Title: "Public Policies and the Dynamics of Development - A Macroeconomic Theory for Developing Economies".

Indian Statistical Institute (Delhi Centre), 1990.

M. A. (Economics) - Micro & Macroeconomics, Statistics & Econometrics, Planning & Economic Policy, Economic History & Development; specialization in Econometrics, Advanced Economic Theory, and Monetary Economics. Delhi School of Economics, University of Delhi, 1983.

B. A. (Honors in Economics)- Micro & Macroeconomics, Monetary Economics, Economic Development, Public Finance and Statistics; three additional papers in Mathematics.  
Ravenshaw College, Utkal University, 1981

### Scholarships

- 1) National Rural Talent Search Scholarship: 1973-74 to 1976-77.
- 2) National Scholarship: 1977-78 to 1980-81.
- 3) Center for Advanced Studies Scholarship: 1981-82 to 1982-83.

### Employment and Experience

- 1) Currently, I am a **professor** at the Institute of Economic Growth. I am heading the Development Planning Centre (DPC). I lead/coordinate the modeling work in the Centre.
- 2) I was **Chief Economist** from June 2001 till January 2008 (Senior Economist from September 1994 to October 1995 and Principal Economist from Nov. 1995 till June 2001) at the National Council of Applied Economic Research (NCAER). During my stay at NCAER, we carried out research mainly on Micro impact of macro and adjustment policies in India. At the NCAER, I had been able to generate a substantial amount of external research funding. I also discharged various administrative responsibilities in the council. Among other administrative works, I was a co-chair of "Staffing and Research Programming Committee" and a member of the "Management Council".
- 3) On leave since the 27<sup>th</sup> July 06 till 26<sup>th</sup> July 2007, from the National Council of Applied

Economic Research (NCAER), I was a **visiting professor** at the Development Planning Center of the Institute of Economic Growth, Delhi. I worked on CGE modeling and on the structural macro-econometric model, which is being used to forecast GDP growth. I delivered a couple of lectures on CGE modeling to Indian Statistical Service probationers and six lectures on Macroeconomics to Indian Economic Service probationers.

- 4) On leave from NCAER, from February 2001 till May 2002, I was at Center for Globalization and Regionalisation, University at Warwick, U.K. as **Senior Research Fellow**. I was working on Globalization and Poverty in India in CGE modeling Framework.
- 5) From January 1993 to September 1994, I was at the Indian Statistical Institute, New Delhi and working as **Principal Researcher** in IDRC, Ottawa sponsored study on the ongoing Fiscal Reforms (emphasizing the Tax Reforms) in India. This study was done using a CGE model.
- 6) From December 1989 to December 1992 I was at the Indian Council for Research on International Economic Relations, New Delhi as **Associate Fellow**. At ICRIER, I was involved in the Ford Foundation project on "Macroeconomic Policies for Growth and Stabilization - External Linkages". This was done using a Macro-econometric model.
- 7) From September 1988 to August 1989 I was at the State University of New York at Stony Brook, USA as **Assistant Professor**. At Stony Brook, I was teaching Macroeconomics to Undergraduates, and Advanced Macroeconomic Theory and Development Economics to Graduate-PhD students.
- 8) From August 1983 to August 1988 I was at the Indian Statistical Institute, New Delhi as **Temporary Lecturer**. (For the last year my title was Senior Technical Assistant). I worked in the area of theoretical macroeconomic modeling. I worked on the complementarity between public and private investment in India as well. I was also teaching Monetary General Equilibrium Theory to Master in Statistics students occasionally. I presented some lectures on Financial Market Modeling also.

### **Projects:**

#### 1) Project Director

- a) A Five-year program on Macro/CGE models funded by the Planning Commission: Ongoing.
- b) A one-year project on analyzing the implications of fiscal transfers in a CGE framework funded by the Thirteenth Finance Commission: Ongoing.

#### c) Socio-Economic Impact of HIV and AIDS in India.

Funded by UNDP, this project involved a CGE modeling based analysis of the impact of HIV and AIDS on national economy and a Household Survey (in Six states) based analysis of household impact of HIV and AIDS.

Completed in July 06.

#### d) To do further work using the data generated under project (d).

Funded by UNDP. The work involved a gender impact analysis of HIV and AIDS in India and a CGE based analysis of the impact of HIV and AIDS on Industrial sectors in India. Completed in July 2006.

The objective of the projects was to assess the impact of HIV and AIDS on Household, on Sectors and national economy and, on Gender in India.

- e) MIMAP Phase-I (August 1995 to January 1999)
- f) MIMAP Phase-II (April 1999 to September 2000)
- g) MIMAP Phase-III (June 2001 to May 2003)

MIMAP-India project was funded by IDRC, Ottawa, Canada. MIMAP-India stands for 'Micro impact of Macro and Adjustment Policies in India'. As part of the project, a unique all India Survey of Households to collect information on income, consumption, saving, health and educational status of households. We constructed Social accounting Matrices and built Computable General Equilibrium Models for Indian Economy. We also built a Macro-econometric model linking it to household poverty.

h) Because of the MIMAP project the IDRC also gave a grant of CAN\$ 150,000.00 for IT-up-gradation at NCAER. The IDRC also gave a few separate travel grants to attend workshops/conference to me and my junior researchers under this project.

i) SANEI project (July 2003 to July 2004)

SANEI projects are funded by the under the DGF of the World Bank. This project was on the impact of human capital formation on growth and Distribution in a Computable General Equilibrium Modeling (CGE) framework.

2) Worked in Projects at various points of time Funded by

Ford Foundation, Asian Development Bank, UNDP etc.

### **Other Activities**

1) Teaching, Training and Guidance:

a) Teaching experiences includes lectures at various points of time at the Indian Statistical Institute, New Delhi, the State University of New York at Stony Brook, U.S.A. and the School of Planning and Architecture, New Delhi. Development Economics, Macroeconomics at both post-graduate and undergraduate level and General Equilibrium Modeling at post graduate level. I have given lectures at various training programs. I have also organized training for field supervisors and investigators for our household surveys.

b) Occasionally guide summer interns. For example, in 2003-4, summer four students were working with me. Two of them were pursuing their undergraduate studies at Harvard School of Public Health, one was pursuing his Masters in Economics at the Delhi School of Economics, and the fourth one was doing her M B A at ICFAI Business School.

c) Theses Examiner: Have evaluated Ph D thesis submitted to Utkal University and M Phil thesis for JNU as an external Examiner.

2) Editor of *MARGIN*, (The Journal of the National Council of Applied Economic Research) for about three years till April 2001. Margin publishes research papers on Applied Economics along with a

quarterly review on Indian Economy.

3) Consultancy: I have done consultancies for Policy and Development Foundation, Manila, Phillipines, CIRDAP, Dhaka, Bangladesh, The World Bank, New Delhi, India, University of Warwick, U K, International Development Research Center, Ottawa, Canada, and Japanese Bank for International Cooperation, Tokyo.

4) Organizing Experience:

a) Was Series Editor and Coordinator for Golden Jubilee Seminar Series at NCAER.

b) NCAER along with the World Bank jointly organized the prestigious Annual Bank Conference on Development Economics held at Bangalore, India during 21-23, May 2003. It was for the first time the ABCDE conference was organized outside Washington DC. Was the lead organizer on behalf of the NCAER.

5) Founder Editor, MIMAP-India News. It was a quarterly newsletter brought out by NCAER. The Newsletter was expected to publicize the research result in a non-technical language among policy makers, funding agencies, journalists and a wider range of academics.

6) Referee for the *Manchester School Journal*, the *Journal of Asia Pacific Economies*, the *Applied Economic, Indian Economic Review*.

I attended numerous seminars, conferences and workshops, both in India and abroad either to present own papers or to act as discussant/rapporteur/chairperson to make comments on others' presentation. Occasionally, I give interviews to national and international media on contemporary issues.

### **Software**

Working familiarity in statistical and algebraic packages like GAMS, E-views, STATA, EXCEL and SPSS.

### **Plenary Lectures**

1. "On the Well-being of Indian Households", plenary lecture at the 2<sup>nd</sup> General Meeting of the Poverty and Economic Policy (PEP) network held during November 4-8, 2003 at Melia Hotel, Hanoi, Vietnam.

2. "Economic thoughts of W W Leontief", keynote paper presented at the 89<sup>th</sup> annual conference of the Indian Economic Association held during December 27-29, 2006 at Kurukshetra University, Kurukshetra.

### **Member of Government Committee:**

Was a member of the Sub-Group on Household Savings for the 11<sup>th</sup> Plan.

### **Member of Professional Societies**

- 1) Life Member, Indian Econometric Society.
- 2) Life Member, Indian Economic Association
- 3) Associate Member, India Habitat Center.

## Reports

- 1) I was the Project Director and Lead co-author of the following three Reports, which were published in 2006 by **UNDP**.
  - (a) Socio-Economic Impact of HIV and AIDS in India
  - (b) Gender Impact of HIV and AIDS in India
  - (c) The Macro-Economic & Sectoral Impact of HIV and AIDS in India (Uses a CGE Model)
- 2) B K Pradhan and P K Roy (2003), *The Well Being of Indian Households: MIMAP-India Survey Report*, published by **Tata-McGraw Hill**, New Delhi.

## Books

- 1) B K Pradhan, M R Saluja and S K Singh (2006), *Social Accounting Matrix for India: Concepts, Construction and Applications*, a book published by **Sage Publications**, New Delhi/Thousand Oaks/London.
- 2) B K Pradhan, P K Roy, M R Saluja and S L Shetty (2003), *Household Savings and Investment Behavior in India*, a book published by the **Economic and Political Weekly Research Foundation**, Bombay.

## Monographs

- 1) P K Choubey, B K Pradhan and P K Roy (2005), *Effectiveness of Employment in India: An Exploration based on a Household Survey*", a monograph published by Indian Institute of Public Administration, New Delhi.
- 2) B K Pradhan and D K Pant (2000), *Macro Performance, Income, Distribution and Poverty in India: Analysis in a Macro-econometric Framework*", a monograph available at [www.mimap.org](http://www.mimap.org)

## Papers in Journals:

- 1) B K Pradhan, D K Ratha and Atul Sarma, 1990, "Complementarity between Public and Private Investment in India", *Journal of Development Economics*, Vol. 33, No. 1.
- 2) B. K. Pradhan and M. R. Saluja, 1996, "Labor Statistics in India: A Review", *MARGIN*, Vol. 28, No. 4, July -September.
- 3) B. K. Pradhan and M. R. Saluja, 1997, "Estimating the National Product-A Review of Methodology", *MARGIN* (Special Issue on Informal Sector). An earlier version of the paper was presented at the Workshop on Contribution of Unorganized Sector, jointly organized by the NCAER and SEWA, March 31 April 3, 1997, New Delhi.
- 4) B. K. Pradhan and A. Subramanian, 1997, "On The Stability of Demand for Money in the Indian Economy", *Indian Economic Journal*, Vol. 45, No. 1, July-September, pp. 106-117.
- 5) B. K. Pradhan and A. Subramanian, 1998, "Money and Prices: Some Evidence from India", *Applied Economics*, Vol. -30. An earlier version was presented at the Conference on Economic Theory and Policy, organized by the Indian Statistical Institute, January 9-11, 1997, New Delhi.

- 6) B. K. Pradhan and M. R. Saluja, 1998, "Industrial Statistics in India-Sources, Limitations & Data Gaps", *Economic & Political Weekly*, Vol. XXXIII, No.21, May 23-29.
- 7) B. K. Pradhan and M. R. Saluja, 1998, " Revised Index of Industrial Production", *Economic & Political Weekly*, Vol. XXXIII, No.29, May 21-27.
- 8) B.K. Pradhan & M.R. Saluja (1998),"An Assessment of Poverty Studies in India with Special reference to economic Reforms", *Pakistan Development Review*, Vol 37, No 4. Earlier versions were presented at the conference on Pakistan in the 21<sup>st</sup> Century organized by the Pakistan Institute of Development Economics, Islamabad, 28-31 January, 1999 and at the MIMAP-India Workshop held on 12<sup>th</sup>-13<sup>th</sup> November 1998 at NCAER, New Delhi..
- 9) B.K. Pradhan, A. Sahoo and M.R. Saluja (1999), "Social Accounting Matrix for India - 1994-95", *Economic & Political Weekly*, Nov 27. An earlier version of the paper was presented at the MIMAP-India Workshop held on 12<sup>th</sup>-13<sup>th</sup> November 1998 at NCAER, New Delhi.
- 10) B.K. Pradhan, P.K. Roy, M.R. Saluja & Shanta Venkatraman (2000), "Income, Expenditure and Social Sector Indicators of Households in Rural and Urban India", *Economic & Political Weekly*, Vol. XXXV, No. 28 & 29, July 15, 2000. Earlier versions of the paper were presented at the MIMAP-India Workshop held on 12<sup>th</sup>-13<sup>th</sup> November, 1998 at NCAER, New Delhi, and MIMAP 3<sup>rd</sup> Annual Workshop during 2<sup>nd</sup>-6<sup>th</sup> November, 1998 at Hotel Himalaya, Kathmandu.
- 11) A Kundu, B K Pradhan and A Subramanian, (2002), "Dichotomy or Continuum: Analysis of Impact of Urban Centers on their Periphery", *Economic and Political Weekly*, December 14.
- 12) B.K. Pradhan & A. Subramanian (2003), "On the Stability of Demand for Money in a Developing Economy: Some Empirical Issues", *Journal of Development Economics*, Volume 72, Issue 1, October, pp. 335-351. Previous versions of the paper presented in 28<sup>th</sup> Annual Conference of Economists at La Trobe University, Melbourne, Australia, September 26-30, 1999 and at the Conference on money and finance in the Indian economy, held at Indira Gandhi Institute of Development Research, Mumbai, December 2-4, 1998.

#### **Chapters in Books:**

- 1) B K Pradhan, 1993, "Structural Shifts and Pattern of Consumer Behavior in India", in S P Gupta (ed.), *Liberalization and its Impact in India*, Macmillan, Delhi.
- 2) B K Pradhan, P K Roy and M R Saluja, "Savings from Informal Households", in R Jhabvala etl. (ed), *Informal Economy Centrestage: New Structures of Employment*, Sage Publications, New Delhi.
- 3) B.K. Pradhan & A. Sahoo, "Impact of Trade Barriers on Household Welfare and Poverty: Analysis using MIMAP-India CGE Model", presented at the 4<sup>th</sup> MIMAP Network Meeting held at Dos Palamas Resorts, Palwan, Philippines during Sep. 4-8 2000. Forthcoming in an edited volume by Benerd Decaule and others of Laval University.
- 4) B K Pradhan and S K Singh, "Policy Reforms and Financing of Elementary Education in India: A Study of the Quality of Service and Outcome", prepared as part of the MIMAP project the paper is currently getting revised. Forthcoming in a volume by ICFAI University.

#### **Papers under Revision:**

- 1) B.K. Pradhan, "Role of Education in Wage Inequality Change in India: 1988-97", currently the paper is getting revised to be submitted to a *suitable journal*. A previous version of the paper was presented at the Workshop on Globalization and Income Distribution organized by Center for Study of Globalization and Regionalisation, University of Warwick, U K during March 15-17, 2002.
- 2) B.K. Pradhan, "Impact of Globalization on Poverty in India: Specificity of Experiments Matter", the paper was presented at the Center for Study of Globalization and Regionalisation, University of Warwick, U K on May 27, 2002.
- 3) B K Pradhan and S K Singh, "Secular and Cross-sectional Trends in Female Labor Supply Function: Evidence from Indian Census", paper was presented at the 6<sup>th</sup> International Conference on "Engendering Macroeconomics and International Economics" held in June 12-13, 2005 at University of Utah, Salt Lake City, USA.

#### **Other Conference papers:**

- 1) B K Pradhan, "Recent Developments in Monetary Theory: A Survey", paper presented at the 23<sup>rd</sup> Indian Econometric Society Conference at Hyderabad, January 3-5, 1985.
- 2) B K Pradhan, Atul Sarma and Kewal Ram, "Public Sector Investment: Growth and Productivity", paper presented at the Conference on Planning at the Indian Statistical Institute, New Delhi, January 16-18, 1986.
- 3) V K Chetty, B K Pradhan and Atul Sarma, "Money, Debt and Taxes: Some Implications for Growth and Distribution", *Technical Report*, Indian Statistical Institute, May 1987. Versions of the paper were presented at various workshops.
- 4) B K Pradhan, "Budget Deficits and Inflation", paper presented at the 27<sup>th</sup> Indian Econometric Society Conference at Aligarh, January 4-6, 1990.
- 5) V K Chetty and B K Pradhan, "Time Structure of Production, Capacity Utilization and Business Cycles", paper presented at the Conference on Economic Theory and the Related Mathematical Methods, Indian Statistical Institute, New Delhi January 8-10, 1990.
- 6) V K Chetty, Pradeep Dubey and B K Pradhan, "Development Strategy: Agriculture vs. Industry", Mimeo.
- 7) B K Pradhan, "Tax Reforms and Fiscal Federalism in India: Analysis in a Computable General Equilibrium Model", paper presented at the *IDRC* International Conference in New Delhi, Hotel Claridges, August 25-27, 1993.
- 8) B. K. Pradhan, "Modeling For MIMAP: A Survey", paper presented at the MIMAP International Workshop, November 6-7, 1995, India International Center, New Delhi.
- 9) B. K. Pradhan, "Microeconomic Impact of Macro and Adjustment Policies: A Framework Paper", paper presented at the MIMAP-International Workshop, November 6-7, 1995, India International Center, New Delhi.
- 10) B. K. Pradhan and A. Sahoo, "Human capital Formation in a CGE Model for India", paper presented at the *MIMAP-2<sup>nd</sup>* Annual Workshop, held at the International Development Research Center (IDRC), May 5-7, 1997, Ottawa (Canada).

- 11) B. K. Pradhan and A. Subramanian, "Structural Adjustment and the Poor: The Indian Case", paper presented at the *MIMAP-2<sup>nd</sup>* Annual Workshop, held at the International Development Research Center (IDRC), May 5-7, 1997, Ottawa (Canada).
- 12) B. K. Pradhan, "MIMAP: The Indian Experience", paper presented at the MIMAP-Sri Lanka Workshop, June 11-13, 1997, Colombo (Sri Lanka).
- 13) B. K. Pradhan and A. Sahoo, "Impact of Sectoral Growth on Poverty: A Case Study of Rural India", paper presented at the *ADIPA* Biennial Conference, December 9-11, 1997, Bali (Indonesia). An earlier version was presented at the 1st MIMAP Annual Workshop, July 15, 1996, Holiday Inn, Manila (Philippines).
- 14) B.K. Pradhan, K.K. Tripathy and Raji Rajan (2000), "Public Spending and Outcome of Social Services in India: A Review during the Regime of Policy Reforms", NCAER Discussion Paper No. 15. An earlier version of the paper was presented at the ADB-NCAER Workshop in the India International Center, August 3-4, 1998, New Delhi.
- 15) B.K. Pradhan and A Sahoo, "MIMAP-India CGE Model", paper presented at the MIMAP-India Workshop held on 12<sup>th</sup>-13<sup>th</sup> November, 1998 at NCAER, New Delhi, and MIMAP 3<sup>rd</sup> Annual Workshop during 2<sup>nd</sup>-6<sup>th</sup> November, 1998 at Hotel Himalaya, Kathmandu.
- 16) B.K. Pradhan, P.K. Roy & M.R. Saluja 1999, "Informal Sector in India: A study of Household Savings Behavior" Contribution to Informal Sector, Report No. 1, NCAER, New Delhi. An earlier version was presented at NCAER-SEWA Informal Sector Workshop held on 12th November 1998 at NCAER.
- 17) D.K. Pant & B.K. Pradhan (2000), "Economic Growth, Income Distribution and Poverty in India during Reforms: Analysis Using a Macro-econometric Model", NCAER Discussion Paper No.5, an earlier version of the was paper presented at the MIMAP-India Workshop held on 12<sup>th</sup>-13<sup>th</sup> November, 1998 at NCAER, New Delhi.
- 18) B.K. Pradhan & A. Subramanian, "Farmland Prices in India: Some Stylized facts and Determinants", Mimeo, NCAER.
- 19) B.K. Pradhan & A. Sahoo, "Adjustment and Welfare: A Multi-sectoral Analysis", paper presented at the Regional Modelling Workshop held at CIRDAP, Dhaka during May 16-17, 1999. An earlier version was presented at the Annual Meeting of the Indian Econometric Society held during March 11-13 1999 at Jaipur, Rajasthan.
- 20) B K Pradhan and S K Singh, (2003), " Ensuring Nutritional Adequacy in India: Implications for Intervention", presented at the National Seminar on Nutrition at Jamia Milia Islamia, New Delhi.
- 21) B K Pradhan and S K Singh, "Social Stigma and U-shaped Female Labour Supply Function in a Developing Economy: A Tale from Three Surveys", paper getting revised. Earlier versions of the paper were presented in the MIMAP-India workshop at NCAER, New Delhi, on 19<sup>th</sup> Nov. 2002 and at the PEP (Poverty and Economic Policy) meeting in Manila.

### **General Articles**

- 1) "Plan after the Budget" (with D K Ratha), *Mainstream*, June 22, 1985.



- 2) "Structural Changes in Orissa's Economy- A partial Analysis" (with M H Suryanarayana), in B Sahoo (ed.) *Orissa in Perspective*, 1987.
- 3) "Public Sector- Changing Perspectives" (with K. Ram), *Vision*, Jan-March,1987.
- 4) "Why Invest in Human Capital?" *Business Today*, December 22, 1996-January 6,1997.
- 5) "Reinforce the Market" (with A Subramanian), Guest Column, *Economic Times*, March 3, 1997.
- 6) "Time to move beyond the paper" (with A Subramanian), *Business Standard*, March 24, 1997.

## References

1) V K Chetty  
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