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**SANGRAULA, Prem**  
(Nepal)

**WORK EXPERIENCE:**

**Economist at the World Bank (2003 March onwards):**

**Co-author** on “New Evidence on the Urbanization of Global Poverty” with Martin Ravallion and Shaohua Chen which is going to be used as the background paper for the WDR 2008. This paper covers 87 developing countries with more than 200 household surveys from 1990 to 2004.

**Update and maintain global poverty database:** I assemble and analyze household survey data sets representing countries from different parts of the world. Wherever possible, I collect the household level data file with household Id, household size, regional variables, sampling weights, consumption and income aggregates to get the per capita survey mean and its distribution. I check data comparability over time and the consistencies of survey mean, distribution and Gini index and then update in the database.

I have revised and updated time series survey mean estimates involving the time series estimates of household survey mean of 100 developing countries covering more than 550 household surveys in international PPP dollars from 1981 to 2004. Those means were estimated in three year intervals from 1981 to 2004 that were used to estimate the international poverty rates (\$ 1/day, \$ 2/day) during those 23 years.

**World Development Indicators:** I prepare and update the Table 2-7 (poverty table) and 2-8 (income distribution table) of World Development Indicators for each year publication. For Table 2-7 which is related to both the national and international poverty estimates, I collect the information on national poverty estimates from the countries' official poverty assessments and Poverty Reduction Strategy Papers. For the international poverty estimates, I update all the new estimates for those countries which have new survey data available. Table 2-8 is for Gini index and income/consumption distribution. Gini index and share of income/consumption is estimated based on the latest available household surveys from all countries. I use the Luxembourg Income Study database which is one of the main sources of micro data for updating developed countries income distribution and Gini index.

**PovcalNet and DDP linkage:** I have updated the new links between the PovcalNet and Development Data Platform (DDP) for the new household surveys that are covered in the recent updates. This link provides the metadata information on each of the household survey that are covered in the PovcalNet and poverty monitoring task.

The new PovcalNet website with new features and new global estimates at regional level is in the final stage of launching for the public. I have been working to prepare the database for making the new features possible with adding more surveys and countries in the database.

**Documentation:** I updated the documentation of household surveys and related information used in global poverty estimates. I have prepared the new format of the updates with the popular demand of the uses of PovcalNet.

**Data for WDR 2006:** I supplied all the working files with the technical details of global poverty estimates to the team of WDR 2006 for the in-depth analysis of inequality.

GEP work: I prepared the global poverty estimates at regional level for 2002 and 2015 for the publication of Global Economic Prospect 2006.

**Urban-rural database for global poverty estimates:** I have collected urban rural national poverty lines from the countries' poverty assessment work wherever possible. I also have collected urban rural CPI for some countries where there is no urban rural poverty lines available. Altogether there are 87 countries in the database with urban rural poverty lines and urban rural cost of living difference. I also have been generating urban rural text files for urban-rural database. By now, for more than 350 text files are already in the database which will be used for the analysis of urban rural global poverty estimates from 1990s.

**Consultant** ( mid-March 2000 onwards) at **DECRG**, The **World Bank**, Washington, DC. One of the areas I have been working is on 'world income inequality and poverty' project of the Department.

**Senior Research Assistant** (Dec. 1998 to mid-March 2000): Food Consumption and Nutrition Division, **International Food Policy Research Institute** (IFPRI), Washington, D.C. I worked in the area of food consumption, nutrition and child-care for data management, preparation and analysis of more than thirty developing countries from South America, Africa and Asia using different sources of data: LSMS data sets of the World Bank, Demographic Health Surveys of Macro International, UN Population Projection data, and so on.

**Internship** (June to November 1998): **The World Bank**, Development Economics Data Group Department (DECDG), Statistical Advisory Service (SAS) team. Prepared a research paper on price differentials in food items among poor and rich. Worked on exploring independent variables using **October Inquiry** data from ILO for the estimation of per capita GDP based on purchasing power parity (PPP) of non-benchmark years and countries. [Reference: Yonas Biru, Economist, (202) 473-1268]

**Local Consultant** (February to May 1997): Worked on preparing the **Human development Index** (HDI) of Nepal primarily in poverty and household income distribution analysis at regional and district level from the data set of Nepal Living Standards Survey 1995/96. Helped other colleagues manage large-scale socioeconomic data set for the analysis of HDI. Prepared a paper related to housing situation of Nepalese Households

**Statistical Officer** (1988 – 1997): Central Bureau of Statistics (CBS) Household Survey, Methodology Development and Sample Design Division, - The Secretariat of National Planning Commission, Nepal Government:

**Nepal Living Standards Survey (NLSS)** (July 1994 – May 1997): This survey, jointly carried out by the CBS and the World Bank, was conducted to provide data to the government for evaluating the various programs and policies on improving living conditions. It has a nationally representative sample over the period of one-year using an integrated questionnaire covering household income and expenditure, housing condition and amenities, education, health, anthropometrics information of children, detail of wage and self-employment activities, agriculture, credit and saving, remittances. Community questionnaire was also administered to collect information on health and school facilities, infrastructures, agricultural markets, price of food staples and agricultural inputs in the selected communities. I have participated as the central core team member of NLSS. I have performed various activities of the NLSS like sample design, questionnaire and manual preparation, training to field staff, field management, data management and processing as well as report writing. I was heavily involved in data management of the survey and preparation of the first and second volume of “Nepal Living Standards Survey Report 1996”. Government of Nepal, the World Bank, UNDP and other agencies have recognized this survey as one of the most successful surveys ever conducted in Nepal.

**National Account estimation and Household Surveys** (1988 – 1993): As a Statistical Officer at the CBS, I worked on GDP estimates under the National Account Division of CBS during 1988 to 1993. At the same time, I performed the work on household surveys of different economic sectors including small scale and manufacturing, retail trade, non-mechanized transport, own account construction, mining and quarrying in fulfilling the critical data gap for estimating the GDP of respective sectors.

### **Other Assignments:**

#### **Inside the CBS:**

1996: helped prepare data entry program, and analyze data of ‘urban demographic survey’ conducted by CBS, Nepal.

1991: worked as a trainer and a central supervisor of field staff in Population Census, Nepal.

1987/88: worked as a supervisor of the Census of Manufacturing Establishments conducted by the Establishment Division of CBS (1987/88). Developed the Nepal Standard Industrial Classification based on the International Standard Industrial Classification (ISIC) Revision II, UN during the period.

#### **Outside the CBS:**

1995/96: worked with survey team to prepare the over all survey design and to develop the sampling methodology of Household Budget Survey that was carried out by the Central Bank of Nepal to build up the weights for constructing the consumer price index (CPI).

1995: prepared a questionnaire on “Women’s Participation in Energy Management in Rural Area of Nepal” for the Water Resources Commission under Ministry of Water Resources.

**EDUCATION:**

- **Master in Economic Policy Management**, School of International and Public Affairs, Columbia University, New York, USA (1998).
- **Master in Economics**, Tribhuvan University, Kathmandu Nepal (1985)

**TRAINING:**

- From July 6 to July 17, 1998: Participated in the Seminar on **Environmental Economics for Development Policy**, conducted by the World Bank, Washington DC.
- From Sept.1993 to March 1994: Fourth Group Training Course on **Practical Statistics** conducted by Statistical Institute for Asia and Pacific (SIAP) in Tokyo.
- From April to May 1991: Advanced Workshop on **Sampling Techniques** organized by SIAP and ESCAP, in Bangkok.

**Teacher:** (1985-1986): worked as a high school teacher in remote district (Nuwakot) of Nepal for one year and half.

**Assistant Coordinator:** (1979 to 1982): Small Farmers Development Program, district Bhojpur, Agricultural Development Bank, Nepal. This program is considered as one of the effective programs dedicated poverty alleviation in Nepal.

**COMPUTER** Extensive work experience using STATA and SPSS.

**SKILLS:** Proficiency with Excel, Word, Lotus 123, Power Point, Visual Basic 6

**LANGUAGE:** Nepali, English, Hindi, and Urdu (speaking only) .

**Articles:**

Author, Price differentials among poor and rich, draft paper, October 1998.

Co-author, Housing situation, 1998, Environmental Compendium published by ESCAP and CBS Nepal.

Contribution to prepare report on Nepal Living Standards Survey Report 1996, vol. 1 and vol. 2, published by CBS Nepal.

Author, Urban construction, 1994, Environmental Compendium published by ESCAP and CBS Nepal.

Contribution to prepare report on Multi-purpose production Survey Report, Rural 1991 and Urban 1992, published by CBS.