

**CAPACITY BUILDING OF RESEARCH AND TEACHING ASSISTANTS  
IN  
“DATA ANALYSIS AND REPORT WRITING”**

**Training Program  
Organised by  
North East Center for Research and Development, IGNOU, Gauhati  
In collaboration with  
Indian Association for Social Sciences and Health (IASSH)  
Date: 9 to 11 June 2011**

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The Indian Association for Social Sciences and Health (IASSH) is a registered society affiliated to the Asia Pacific Network (APNET) of the International Forum of Social Sciences and Health (IFSSH). The major objectives of IASSH are to bring together scientists, research scholars, practitioners, and policy makers from various disciplines in one forum to explore and work in the areas of social science and health. The vision of IASSH is “To position IASSH as a knowledge transformation organisation in Social Science and Health research” and in this endeavour IASSH organised Training workshops in “Approaches to Social Sciences Research” as pre- conference workshop at Tirupati and planned to organise such worksops in different regions in India.

Research scholars with great interest design a questionnaire and collect the data. After hard efforts, Research Scholars would be at cross roads in analysing the data and preparing a report suitable for presentation to any univresity or academic body.The researcher need to know the tools and methods for data analysis and method of presentation of their research work. While the social science teaching has mainly remained traditional, descriptive and narrative.Hence many a times researcher fail to present their findings in a proper form.The gap in traditional teaching curriculum and technique oriented research has made it difficult for the researchers to make meaningful contribution in the realm of epistemology and knowledge. Hence there is a need to enhance the knowledge of Research scholars in “data analysis and reprot writing”.

It has been increasingly felt by IASSH scholar members that this gap needs to be filled. A number of requests have been received from the members/scholars to organise capacity building courses to enhance the research skills of young scholars. Keeping this felt need in mind, IASSH feels that it is the previlege to help the social science researchers to equip themselves in various research techniques. One such attempt is the present Training program on “Data Analysis and

Report Writing” jointly with **North East Center for Research and Development, IGNOU, Gauhati**. It is needless to mention that such capacity building among the social scientists will go a long way in improving the quality of social science research.

IASSH family consists of 720 lifemembers (<http://www.iassh.org>) with eminent Social Scientists, Public health persons. Senior members, Professors who had carried out extensive research are willing to act as resource persons. A tentative course module is enclosed. In this regard, IASSH submits proposal to North East Center for Research and Development, Gauhati to organise a training program on **DATA ANALYSIS AND REPORT WRITING**, with an aim to provide above mentioned training to young research scholars drawn from different areas of North Eastern India. The training program/workshop will allocate equal time for theory as well as practicals in data analysis and report preparation and using the computer to build research report.

**PARTICIPANTS:** The programme is intended for IGNOU RTA for NE region under NECRD.

**VENUE:** NECRD, 6mile, Guwahati-28

**DURATION:** The course duration will be for 3 days during 9to 11 June 2011

**FOOD & LODGING:** The NECRD will provide food and lodging facility to the participants as well as outside resource persons.

**COURSE FEE:** The training workshop will be conducted by NECRD in collaboration with IASSH.

**Interested participants should Contact:**

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## Contents:

- Data Analysis:

Principles of Data Collection for Qualitative and Quantitative research, planning for Data Analysis , issues of validity and reliability in Data collection. Methods to minimising errors and missing values-Method of analysing data viz: Univariate/Bivariate and multivariate).

- Report Writing:

Components of a research Report : Title,Acknowledgements, Table of contents, List of Tables, List of Figures, Introduction,Review of Literature, Objective/s,Sources of Data, Instruments used for Data Collection, Hypothesis, Conceptual frame work, Methodology adopted: description of variables (Dependent,Independent), Method of Analysis, Summary and Conclusions, Policy recommendations, References, Appendices.

- Statistical Methods:

Descriptive Statistics, Graphical Presentations, Measures of central Tendency, Dispersions, Correlation and concept of Regression, Test of significancy (t, Z,F,Chi-square) and ANOVA.

- Computer applications (Practicals):

Use of computers for document preparation and Statistical Analysis: MS-Office program, Basic concepts of SPSS, Cross tabs, Tables, Graphical presentations, Descriptive statistics, Correlation and Regression.

## **About Resource Persons:**

### **1. Dr. N. Audinarayana:**

Dr.N.Audinarayana is currently Professor and Head, Department of Sociology and Population Studies and also Director, School of Social Sciences, Bharithiar University, Coimbatore, Tamil Nadu. He holds M.A., M.Phil, and Ph.D degree from Sri Venkateswara University, Tirupati, Andhra Pradesh. He has 25 years of teaching and 30 years of research experience in the fields like Nuptiality, Fertility and Family Planning, Wemen's Studies/Health issues, Ageing and Reproductive /Sexual Health issues of Young Men.

He has authored/edited 7 books and published about 200 papers in various international and national referred journals. He has completed 15 research projects funded by UGC, UNDP, PIP, UK, Wellcome Trust, Ford Foundation and McArthur Foundation.

Dr.Audinarayana organised National/Regional Conferences/Seminars/Workshops on the issues related to Population, Fertility and Adolescents and training programes on Social Sciences Research Methodology and Analysis of Data with SPSS software for the University/College Teachers and Research Scholars. He is currently Treasurer of Indian Association for Social Sciencs and Health (IASSH)

### **2. Dr. U. V. Somayajulu:**

Dr.Ulimiri V. Somayajulu currently is CEO and Executive Director, SIGMA Research and Consulting, New Delhi. He has close to 20 years of experience in handling wide variety of social/development and demographic research in India and Sri Lanka.

He has MBA, PG Diploma in Management, Diploma in Management and PG Diploma in Human Resource Management from IGNU, M.A. Sociology from Annamalai University, Ph.D and M.Phil from International Institute for Population Sciences and M.Sc Statistics from Andhra University with specialisation in Demography, SQC. He coordinated close to300 research projects in social and development sector. He edited four books and more than 85 papers in Demography, Disaster Management, Development , Gender , Health ,Ageing, Health financing, Poverty

alleviation, Corporate Social Responsibility, Family welfare and HIV/AIDS. He is currently General Secretary of Indian Association for Social Sciences and Health (IASSH).