



# DATA ANALYSIS WORKSHOP USING STATA

(Special focus on using NSS data)

APRIL 13-19, 2017

Jointly Organized by

SNAP ACADEMY and ALIGARH MUSLIM UNIVERSITY, Murshidabad Centre

VENUE: Aligarh Muslim University, Murshidabad Centre



## IDEAL FOR:

Early Career Researchers,  
Academics, Journalists and  
Students

## WORKSHOP FEES:

**INR 5000** (inclusive of  
accommodation, food,  
internet access and all  
instructional materials).  
No travel and daily allowances.  
Participants must bring their  
own laptop.

## MAXIMUM WORKSHOP CAPACITY:

35

## TO REGISTER:

Please send a statement of interest and  
CV to [associationsnap@gmail.com](mailto:associationsnap@gmail.com).  
You may also direct any clarifications/  
queries through email or phone call at  
98327 49287.

If your application is successful,  
we shall notify you over email and  
request for payment of full course  
fees via secure payment gateway  
and NEFT.

## COURSE COORDINATOR

Mr. Munshi Amirul Alam, SNAP

## OVER THE COURSE OF 7 DAY-LONG MODULES, PARTICIPANTS WILL LEARN:

The week-long course aims to build a pool of active and statistically savvy social scientist; who can confidently deal with large scales sample survey like NSS data and primary survey data.

The first part (30% of time allocation) of the course is focused on dealing with the basic statistical concepts, development of tools for collecting primary data. Participants will learn the basic statistical concept such as different statistical methods, basic and inferential statistics and analytical design. In addition, questionnaire development for data collection, data collection procedure, quality controls of data for primary survey and analysis of primary survey data. In the first section, participants will also learn to handle STATA effectively.

The second part (70%-time allocation), a considerable amount of time will be spent in this segment of the workshop, is focused on building capacity to deal with NSS (national sample survey data). The introductory session provides an understanding of complex but systematic sampling method of NSS to capture the socio-economic diversity of the population and use of sampling weights to produce population estimates from survey data.

The special focus will be given to building blocks of dealing with NSS data: **Preparing data set:** a) extraction and merging of NSS data for analysis, generating variables of interest through combination of existing variables in the data etc., **b) analyzing the data:** presenting population and sub-population estimates using weight, **c) data visualization:** presenting the findings in innovative ways.

## COURSE FACULTY

**Dr. Zakaria Siddiquai**, obtained his PhD from the Centre for Economic Studies and Planning, Jawaharlal Nehru University (New Delhi, India) and undertook a visiting scholar stint at the Centre for Operations Research and Econometrics (CORE), Université Catholique de Louvain, Belgium. Currently, he works as a Consultant with the Regulatory Assistance Project, U.S.A and is also affiliated to the Crawford School of Public Policy, Australian National University as Research Assistant. His diverse research expertise spans Health and Nutrition; Political Economy of Energy Sector Policies; Energy Poverty, Informal labour, Minorities, Development and Democracy.

**Dr. Saijuddin Sekh**, obtained his PhD from the University of Calcutta and thereafter went on to complete his post-doctoral training in Nutrition at the Illinois University of Chicago, U.S.A. He is currently associated with the Department of International Health, Johns Hopkins University, U.S.A as an Associate, stationed in their Bangladesh office. He is also engaged as Consultant and Visiting Scientist, Society for Applied Studies, Kolkata, India. His research interests lie mainly in the field of Public Health and Nutrition.

**Dr. Badaruddoza**, obtained his M.Sc, M.Phil and Ph.D degrees from the Department of Zoology, Aligarh Muslim University, New Delhi, India. Currently, he serves as the Director of the West Bengal Centre of Aligarh Muslim University. His specialized teaching areas are Human Population Genetics, Quantitative Genetics, Genetic Epidemiology, Bio-statistics and Research Methodology, Human Evolution and Primatology. His major research areas of interest are Human Population Genetics and Bio-metrics; Genetic Epidemiological and Study of complex Diseases.