

FIVE DAYS ONLINE TRAINING ON ADVANCED DATA ANALYSIS AND MODELING USING SPSS SOFTWARE

QR CODE FOR REGISTRATION



Registration Fees: INR 1000/-

JANUARY 19-23, 2023
TIME: 6-8 PM

Organized By

VART Research, Mumbai, India

In Collaboration with

Department of Economics
Mahapurusha Srimanta Sankaradeva Viswavidyalaya (MSSV)
Nagaon, Assam

Registration deadline:
15th Jan 2023

19-20 Jan 2023: Day 1-2

- Introduction to the SPSS
- Understanding of data types and data structure
- Data management: data entry to validation
- Data visualization/graphing
- Basis statistical analysis
- Descriptive analysis, Test of significance
- Reliability analysis
- Correlation & Regression Analysis

Who should attend?

This training is for Graduates/Masters, M.Phil.and Ph.D. scholars, Faculties, Researchers working in colleges institutions/ universities/ organizations, NGOs & Independent researchers who are working or wish to work with quantitative data analysis using SPSS software in their research, and professional work.

WORKSHOP COORDINATORS



Dr. Ajit Debnath
Head and Associate Professor
Department of Economics
MSSV, Nagaon, Assam



Dr. Biman Kumar Nath
Assistant Professor
Department of Economics
MSSV, Nagaon, Assam



Dr. Jayanta Kumar Bora
Founding & Executive Director
VART Research, Mumbai, India

21-23 Jan 2023: Day 3-5

- Binary logistics regression model
- Ordinal, Probit regression modeling
- Multinomial logistic regression analysis
- Factor analysis
- Cluster analysis
- Principal Component Analysis (PCA)
- Hands-on practice

Benefit

- Exposure to work with **NFHS survey data**
- **e-certificates** will be given to the successfully completed participants
- Relevant reading and study material will be provided to the registered participants

CONTACT US

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Registration Link:
<https://forms.gle/wyaDSb3ykws1nKZZ9>

About VART

The VART is a venture of the academic, social research, and data science sector registered in 2019 under the Ministry of Corporate Affairs and Ministry of Micro, Small & Medium Enterprises (MSME), Govt of India. In 2021, VART was recognized as a "Startup" (#startupindia: DIPP84613) by the Department for Promotion of Industry and Internal Trade (DPIIT), Govt of India. Our mission is to provide value-added training and research service to the client. We aim to skill the youths through various analytical and software training and programs to strengthen the country's youth professionals. Our vision is to develop competitive and competent individuals in the research and analytical domain who will be assets for developing the research community in the country. Since its inception, we have provided various capacity building & soft skill development programs through virtual mode and completed more than 40 batches of training programs (with more than 1000 participants) which has empowered many students, M.Phil./Ph.D. scholars, academicians, individuals, and other researchers to upgrade their research skills. For details, please visit www.vartindia.com.

About the Department of Economics, MSSV

Mahapurusha Srimanta Sankaradeva Viswavidyalaya (MSSV) was established by Srimanta Sankaradeva Sangha and formally founded on 10th June 2014 registered under UGC 2(f) and the Act of the Assam Legislative Assembly, 2013. Though the University has been set up under the Private University Act, it is designed as a people's university, an institution for the entire people of Assam as well as India. At present, the University is endowed with more than twelve hundred students including research scholars in four units located in Nagaon, Guwahati, Dhubri, and Jorhat of Assam. The Department of Economics came into existence in 2017 with the objective of producing quality professionals in the field of economics by providing a general understanding of the functioning of the economic system and the role of institutions, groups, and regions within that system and preparing the student for employment in industry, government, and self-employment. Presently, the department is located in the Nagaon unit of the university with thirty-two postgraduate students and sixteen Ph.D. scholars. The department offers MA and Ph.D. in Economics having specialization in Human development, climate change, environmental economics, agriculture economics, and econometrics. For details, please visit www.mssv.ac.in.

The objective of the training program

The training program aims to bring together students, faculties, researchers, and research scholars to exchange and share their experiences and research results on all aspects of advanced data analysis and modeling using SPSS software. The program is also intended to strengthen scholars, researchers, and faculties in SPSS data analysis skills by providing a blend of conceptual learning and hands-on practical sessions using large-scale data like the NFHS survey data using SPSS. These analytical skills will help researchers in their research and professional work in quantitative data analysis.

The expected outcome of the training program

At the end of the training, the participants would be able to:

- Understand how to analyze large-scale data in SPSS
- Knowledge about basic to advance level statistical modeling and how to deal with statistical software like SPSS

ABOUT RESOURCE PERSONS



Prof S.C. Gulati

Prof S.C. Gulati has a distinguished academic career with "Ph.D." from Delhi School of Economics; "M.Stat." and "Advanced-Diploma" with specialization in "Econometrics & Economic Planning" from ISI, Calcutta; " B.A. (Hons)" Maths, Delhi University. Prof Gulati has authored 8 Books published by leading publishers like Oxford University Press, Sage Publications, Academic Foundation, Planning Commission, East West Center, Hawaii, etc. He has authored more than 65 academic articles in reputed National and International Journals. Prof Gulati was associated with IES probationers training programme at IEG to more than 30 batches of IES. Prof Gulati has been Senior Consultant and Project Coordinator of several prestigious projects sponsored by Ministries like MoHFW & Planning Commission, and International Organizations like World Bank, WWF, UNFPA, USAID, etc. He has chaired, participated and presented several technical papers in national and international conferences held in India and abroad. Prof Gulati has served several Advisory Committees and Working Groups of National & International organizations.



Dr. Manash Pratim Barman

Dr. Manash Pratim Barman is working as an Associate Professor Department of Statistics, at Dibrugarh University, Assam. He is also performing the responsibility of Editor, of Assam Statistical Review, a peer-reviewed journal published by the Dept. of Statistics, Dibrugarh University. He has completed his M.Sc. (Statistics) and Ph.D. from Dibrugarh University. He has completed a Master of Population Studies from IIPS, Mumbai. He has also completed PGDCA and PGDOR. Before joining Dibrugarh University, he worked as a statistician at Regional Medical Research Centre (ICMR). He has published research articles in national and international level peer-reviewed journals. He has also authored one textbook in Statistics. Till now, he has guided 8 M. Phil and 3 Ph.D. scholars. His research interest is Bio-statistics, Population Statistics, and Multivariate Statistics.