



4 Day Training Program on 'SPSS'
(April 10 to 13, 2018)

Organized by
DEPARTMENT OF STATISTICS
ASSAM UNIVERSITY, SILCHAR



COURSE COORDINATOR

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About the Training Program

Search for knowledge or any systematic exploration to institute facts is research. In the process of exploration to knowledge researchers often encounter huge numerical information. The process of exploring this body of numerical information and to attain meaningful insight from it is called data analysis. Analysis of data is a process of inspecting, cleaning, transforming and modeling data with the goal of discovering useful information and suggesting conclusions. The most popular package for researchers in Science for data analysis today is SPSS.

SPSS is a windows based program which can be used to perform data entry and analysis and to create tables and graphs. SPSS is capable of handling large amounts of data and can perform mostly all the analyses. It is also used by market researchers, health researchers, survey companies, Government, education researchers, marketing organizations, data miners etc. It has a visual interface which allows users to leverage statistical and data mining algorithms without programming.

The training program is designed to orient Faculty members and Researchers in data analysis and programming from basic to advanced level. The training program shall inculcate confidence in the participants about the usage of statistical data analysis on SPSS.

Objectives of the Training Program

The program shall be operated through some recent advances in Statistical Research with main focus on SPSS. The topics to be discussed in the training program is not limited to SPSS basics, data handling, cross tables, graphs and charts, descriptive statistics, correlation, simple and multivariate regression, curve fitting, parametric and non-parametric tests, distribution fitting, ANOVA (one-way and two-way), factor analysis, cluster analysis, discriminant analysis, survival analysis, scaling techniques. In addition to these topics, attempt shall be made to cover some more issues as demanded by the participants sufficiently in advance.

About Assam University

Assam University came into existence through Assam (Central) University Act, 1989. It was established in 1994, since then the University is steadily becoming an excellent centre of learning. The University has sixteen Schools on major disciplines. There are 39 Departments under these Sixteen Schools and 6 interdisciplinary centers. There are two campuses of Assam University-the main campus at Silchar and the satellite campus at Diphu. Currently there are around 4500 students enrolled in the different post graduate and integrated courses and around 1500 research scholars in the M. Phil and Ph. D programs.

About the Department of Statistics, Assam University

The department of Statistics, under the Albert Einstein School of Physical Sciences is one of the youngest departments of Assam University, established in 2014. The mission of the department is to bring about development of the researchers in the university and beyond by providing training in data analysis. The department is located in the second floor of Physics building in a scenic set up of the university with airy class rooms. The department has procured licensed version of SPSS 23. The seminar hall of the department is equipped with uninterrupted projection facility to support software training, public address system and internet connection in the computer used for projection and power plugs provided in each desk for participants to run their laptops during practical training sessions. The department also possesses a dust free air-conditioned computer lab. Alongside its normal academic programs, the department organizes workshops on statistical tools, techniques and software for the benefit of research scholars.

Who Can Participate and Criteria of Selection

Registered/enrolled Ph.D students, faculty members of any recognized university/institute or researcher who is in need of SPSS can apply in the training program by filling up the prescribed registration form and paying appropriate fees. Participants are expected to have some basic knowledge in Statistics and working knowledge in computer based data analysis. An applicant can send a scanned copy of the filled application form to the Co-ordinator of the training program by email to zonalie04@gmail.com latest by 30.03.2018 along with requisite fees. The modes of payments are mentioned below.

There are only 40 vacancies for the program. Thus, it is expected that there shall be many applicants for the training program. The applicants shall be short listed based on the requirement of the applicant as shall be evident from the registration form and on first-come-first-serve basis. Preference shall be given to candidates with background knowledge of statistics and computer applications.

The registration shall close once the required number of participants is attained. Thus, participants are requested to apply early and not to wait for the last date. The employed applicants shall get their form forwarded by competent authority.

An applicant is selected to the training program he/she shall be informed by email by the Coordinator of the Training Program on or before 5th April, 2018. In case the applicant is not selected his/her fees (submitted amount) shall be returned. A candidate can withdraw from the workshop at any point of time but the registration fee shall be returned only if the withdrawal takes place on or

before 4th April, 2018. No certificate shall be issued to the participant, if he/she remains absent in any of the sessions.

Registration Fee

The registration fee for the participants is as follows:

- (i) Rs. 1500/- for Faculty Members working in Universities, Colleges, Research institutes and for employed Researchers/employed Research Scholars
- (ii) Rs. 1200/- for unemployed full time/part time research scholars

Mode of Payment

Candidate applying for the training program are required to pay the registration fee in Cash/Multicity cheque to The Office of the Head, Department of Statistics, Assam University, Silchar 788011, Assam on or before 30.03.2018 either by person or by post. The Multicity Cheque shall be drawn in favour of **“HEAD DEPT OF STATISTICS”**.

Fees can also be paid by NEFT or RTGS to the following account details, UCO Bank, Assam University Branch, Silchar, Branch Code 002005, IFSC code: UCBA0002005, MICR Code of bank: 788028005 and A/C no. 20050110033890 Name of the A/C holder: HEAD DEPT OF STATISTICS. In case of NEFT/RTGS the applicant has to mention the transaction details in the application form.

The participants shall be provided with workshop kit, refreshments and vegetarian working lunch during the days of the training program.

All selected participants shall bring their laptop during the workshop days with SPSS loaded in it.

All communication to the participants shall be made via email.

Accommodation, Travel Support and Food

No accommodation or travel support shall be provided to the participants. However, humble working lunch (veg), tea and snacks shall be provided during the training program.

Venue

Seminar Hall, Department of Statistics, Assam University

Important Dates

Last date of Submission of Application Form and Fees: 30th March, 2018

Notification of Selection: On or before 5th April, 2018

Training Program Starts: 10th April, 2018

Training Program Ends: 13th April, 2018

Address of Correspondence

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Department of Statistics

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Mobile-94353 80270

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REGISTRATION FORM

Paste Recent
Passport Size
photograph and sign
across

1. Name: _____

2. Gender: 1. Male ² 2. Female ²

3. Address of Correspondence: _____

4. Email: _____ 5. Mobile no.

5. Post Graduation in (Subject): _____

6. Are you employed? 1. Yes 2. No

If yes, your designation and institution _____

7. Do you have any formal training in Statistics? 1. Yes 2. No

If Yes, provide details _____

8. Amount of fees paid _____

9(i) Mode of payment _____ (ii) Transaction no. (RTGS/NEFT) _____

10. Why do you feel that the training program is useful for you? _____

11. Any topic of data analysis you want to learn beyond those mentioned above

The information provided above is true to the best of my knowledge.

Date:

(Signature of the Applicant)