

জা স্নাত্ত বিশ্ব বিদ্যালয়



Department of Statistics,
Assam University
Organizes



**Workshop on Data
Analysis in Microsoft
EXCEL & IBM SPSS**



20 – 22 September, 2023

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About the Workshop

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 analyses of data sets are having wide application in different branches of science, social science and in business domains. Keeping these in mind, the workshop is designated to help those scholars who want to learn and analyze data using the statistical features provided in Microsoft Excel and SPSS.

The workshop 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 in Microsoft Excel and SPSS.

Objectives of the Workshop

The workshop shall showcase some common statistical tools of data analysis using Microsoft Excel and SPSS. The topics to be discussed in the workshop is not limited to basics of Excel and SPSS, data handling, cross tables, graphs and charts, descriptive statistics, correlation, simple and multiple regression, curve fitting, parametric and non-parametric tests, ANOVA (one-way and two-way), factor analysis, cluster analysis, survival analysis.

Important Dates

- Last date of Registration: 14th September, 2023
- Notification of Selection: On or before 16th September, 2023

Workshop Date: 20th – 22nd September, 2023

The image shows the entrance archway of Assam University. The archway is a large, grey, semi-circular structure with a central decorative element featuring a star-like pattern. The archway is topped with the Assamese text 'আসম বিশ্ববিদ্যালয়' (Assam University). The background shows a clear sky and some greenery.

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 43 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

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 or any official or PG Student who is in need of Excel and SPSS can apply in the workshop by filling up the prescribed registration form (available in the link below) and paying appropriate fees. The process of application including payment of Fees has to be completed by 14.09.2023. Participants are expected to have some basic knowledge in Statistics and working knowledge in computer based data analysis.

The batch size shall not be more than 40. The applicants shall be shortlisted based on the requirement of the applicant as shall be evident from the registration form and on first-come-first-serve basis.

The registration shall close once the required number of participants is attained. Thus, participants are advised to apply early and not to wait for the last date.

An applicant who is selected for participation in the workshop shall be informed by email by the Coordinator of the workshop on or before 16th September, 2023. In case the applicant is not selected his/her fees (submitted amount) shall be returned within 3 days after the workshop is over. 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 10th September, 2023. 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:

- Rs. 1800/- for Faculty Members working in Universities, Colleges, Research institutes, Officials and for employed Researchers/employed Research Scholars
- Rs. 1300/- for unemployed full time/part time Research Scholars and students

The image shows the top portion of a large, grey, arched gateway. The archway features a central emblem with a sunburst and a circular logo. Above the arch, the Assamese text 'আসম বিশ্ববিদ্যালয়' (Assam University) is inscribed. The background behind the arch shows some greenery and a clear sky.

Mode of Payment

Candidate applying for the workshop are required to pay the registration fee by NEFT or RTGS (e-banking) to the following account details:

UCO Bank, Assam University Branch, Silchar, Branch Code 002005,

IFSC code: UCBA0002005 and A/C no. 20050110033890

Name of the A/C holder: HEAD DEPT OF STATISTICS

The applicant has to mention the transaction number details in the application form that is provided in the link below.

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

All selected participants shall bring their laptop during the workshop days with Microsoft EXCEL and 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 (generally veg), tea and snacks shall be provided during the training program. Details of some local hotels to out station participants may be sent on request.

Resource Persons of the Workshop

Mostly Faculty members of the Department of Statistics shall be the resource persons of the workshop.

Venue

Seminar Hall, Department of Statistics, Assam University, Silchar



Registration Link

The Registration Link of the Workshop is:

<https://forms.gle/xMBkTi9WEcapeDyU7>

Organizing Team

Patron

Prof. Rajive Mohon Pant, Honourable Vice Chancellor, Assam University

Programme Coordinator

Dr. Jonali Gogoi, Department of Statistics, Assam University

Members (all from Department of Statistics, Assam University)

Dr. Tanusree Deb Roy (Faculty Member)

Dr. Vivek Verma (Faculty Member)

Ms. Gitanjali Pradhani

Mr. Anirban Dutta

Ms. Dipanjali Ray

Ms. Mousumi Ray

Mr. Hosenur Rahman Prodhani

} Research Scholars

Address for Correspondence

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