

About the Workshop

In the dynamic world of research, data analysis is not just a tool – it is the compass that leads us towards discovery, the lens through which we unveil truths, and the bridge connecting hypothesis to insight. Gone are the days when gut feelings and instinct alone steered the ship of progress. In this era, decisions are grounded in evidence, solutions are fuelled by patterns, and discoveries are unlocked through meticulous analysis. In a rapidly evolving data-driven landscape, proficiency in R software and Python has become an invaluable asset for professionals across various domains.

This workshop is the gateway towards mastering the art of data handling, exploration, and representation. From the fundamentals to advanced techniques, one will get guidance through a hands-on journey that will demystify coding, data handling, and visualization. By the end of this workshop, participants will be equipped with the tools to extract actionable insights from complex data, communicate ones findings effectively, and drive data-informed decisions.

Objectives of the Workshop

The workshop will provide one with data analysis & visualizations insights using R software & Python. The main objectives of the workshop are:

- Perform data cleaning, transformation, and manipulation easily
- Create stunning, interactive visualizations that bring data to life.
- Tackle real-world data challenges with confidence.

The 7-Day Online Workshop on R & Python-Fundamentals offers a welcoming environment to explore, learn, and grow for everyone. Join us and embark on a journey that will empower you to turn raw data into actionable intelligence.

Important Dates

Last date of Registration: 14th November, 2023

Notification of Selection: On or before 15th November, 2023

Workshop Date: 17th – 23rd Novmber, 2023

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 freelancer or PG Student who is in need to improve the coding and analytical proficiency in R & Python 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 14.11.2023. Participants are expected to have some basic knowledge in Statistics and working knowledge in computer based data analysis. An applicant who is selected for participation in the workshop shall be informed by email by the Coordinator of the workshop on or before 15th November, 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 8th November, 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:

- Rs. 1000/- for Faculty Members working in Universities, Colleges, Research institutes, Officials and for Research Scholars
- Rs. 800/- for PG students

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:

Bank: UCO Bank, Assam University Branch, Silchar,

Branch Code: 002005

IFSC code: UCBA0002005

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

Hard copies of the Certificate will be provided to participants who attend all the sessions and submits assignments & feedback.

Resource Persons of the Workshop

Resource Persons from the University and beyond having expertise in the concerned domain will engage the academic sessions of the workshop.

Mode of Delivery

Zoom Meetings



Registration Link

The Registration Link of the Workshop is:

https://docs.google.com/forms/d/e/1FAIpQLSc-w539xZ_IXhu42-aMd9XH21aG1ngHzoTIK9TzJB8RCqX49g/viewform?usp=sf_link

Organizing Team

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

Advisor: Prof. Dibyojyoti Bhattacharjee, Head, Deptt. of Statistics, AUS

Dr. Rama Shanker, Associate Professor, Deptt. of Statistics, AUS

Programme Coordinator: Dr. Tanusree Deb Roy, Department of Statistics, Assam University

Members (all from Department of Statistics, Assam University)

Dr. Jonali Gogoi (Faculty Member)

Dr. Vivek Verma (Faculty Member)

Ms. Gitanjali Pradhani

Mr. Anirban Dutta

Ms. Dipanjali Ray

} Research Scholars

Address of Correspondence

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