



One Week Online Training on Basics of R and Python Programming (20-24, December 2021)

Chief Patron

Prof. Vijay Kumar Shukla
Hon. Vice Chancellor, BHU

Patrons

Prof. Anil Kumar Tripathi
Director, IoS, BHU
Prof. Madhoolika Agrawal
Dean, IoS, BHU

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Dr. Ankita Gupta
Dr. Reema Sharma

This workshop is being organized with an objective to help Faculty Members, Research students and Young Professionals to acquire hands-on experience on R and Python programming. The atmosphere of the workshop will be friendly and supportive with the aim of stimulating the exchange of ideas and experiences related to statistical computing and scientific programming. After the workshop, the participants will be able to perform scientific programming and analysis with R and Python. Experts from BHU and other reputed institutions will deliver live demonstrations on lab sessions through online platform like Google Meet.

Contents:

Overview of R programming
Installation & help of R
R data types and objects
Data input/output
Import/export in R
R editor and R Studio
Built-in-function
Scoping rules
User defined functions
Graphics with R & 3D Plots
Control Structures in R
Debugging tools

Overview of Python
Environment Setup for Python
Using the Python Interpreter
Interactive Mode Programming
Basic Operators in Python
Object and Data Types in Python
Python Lists, Tuples, Dictionary etc.
Loops and Decision Making
Built-in & User defined function
Scope of Variables in Python
Python Modules and Packages
Python with R

Who can attend?

UG/PG and Ph.D. students, Faculty and young professionals interested in R and Python Programming.

Maximum Seats: 100

Registration link: <https://forms.gle/5abmBNg9jPUv45po7>

Fees: Rs. 500/ Non-refundable

(A/C details for payment will be provided to the shortlisted participants)

Registration deadline: 30th November 2021

Invitation to submit the fees: 1st December 2021

Contact for any query to

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