VIMALA COLLEGE (AUTONOMOUS), THRISSUR

POST GRADUATE & RESEARCH DEPARTMENT OF STATISTICS

in Collaboration with

UGC Centre for Women's Studies

Organises

A TWO DAY HANDS ON TRAINING PROGRAM ON

Python for Data Analysis

Fee details:
Faculty – 1000/–
Research scholars – 750/–
Students – 500/–

Date : 15/01/2026 & 16/01/2026
Venue: Statistics Computer Lab 2
Time : 9.00 AM to 3.00 PM

Namitha R
AI and ML mentor

LIMITED SEATS ARE AVAILABLE.

Register here

https://feebook.southindianbank.com/FeeBookUser/org?id=884

Organising Committee

Principal
Prof. (Dr.) Sr. Beena Jose

Director
UGC Centre for Women's studies
Dr. Sr. Tency Varghese

HoD
Dr. Jismi Mathew

Faculty Coordinator
Dr. Anamiya Baby

Student Coordinator
Jayalakshmi Santhosh

All Faculty Members , Department of Statistics

QUERIES IF ANY : Phone number : +91944247054 , Email : statistics@vimalacollege.edu.in

About the Department

The Degree Course in B.Sc. Statistics was launched at Vimala College, Thrissur in the year 1981, affiliated to the University of Calicut. The curriculum was restructured and 'Choice Based Credit Semester System' was introduced in 2009. UGC Add on Course Computer lab I jointly sponsored by VISTAA was launched in 2014. M.Sc. Statistics (self-financing) programme started in the academic year 2020-21 and currently, the department is supported under the DBT-Star College Scheme. In 2022 DBT(STAR Scheme) and VISTAA Sponsored Statistics Computer lab II is launched. In the year 2023, department launched V-ARC (Vimala Analytics Research Centre). In the year 2025, The department was elevated to the status of a Research Department under Calicut University .

Workshop Syllabus

Interactive Python Environment: Jupyter notebooks, basic syntax, interactive shell. Data Fundamentals: Variables, assignments, arithmetic operators, expressions. Program Readability: Comments in code, interpreting error messages. Modular Programming: Importing modules, control flow statements. Function Fundamentals: Built-in and user-defined functions, arguments, return values, formal vs. actual parameters, named arguments. Pandas Introduction: Data Series, DataFrames. Data Operations: Importing, manipulating, merging, analyzing, and exporting DataFrames. Descriptive Statistics: Exploratory data analysis techniques. Data Visualization Libraries: Matplotlib, Seaborn, Plotly, ggplot, Geoplotlib, Pandas (and potentially others). Plot-I : Line plot, bar plot, pie chart, box plot, histogram, strip plot, swarm plot, Plot-II: Scatter plot, heatmap, density plot, cumulative frequencies, Random Number Generation.