

ABOUT PROGRAMME

This FDP is about probability and statistics modelling needed for Artificial Intelligence and Data Science Professionals. The course includes hands-on sessions on modelling techniques like probability distributions, testing of hypothesis and correlation & regression analysis using python. This programme will provide insight to participants in analyzing and interpreting data effectively. The FDP is designed on the KTU syllabus for ADL202 Python and Statistical Modelling.



FACULTY DEVELOPMENT PROGRAMME ON STATISTICAL MODELLING FOR DATA SCIENCE USING PYTHON

January 25th and 27th, 2023

Organised by

DEPARTMENT OF BASIC SCIENCE AND HUMANITIES & DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE




COURSE CONTENT

- ✓ Descriptive Statistics
- ✓ Inferential Statistics
- ✓ Correlation and Regression Analysis
- ✓ Statistical Modeling using Python

RESOURCE PERSONS

 Dr. Rasin R.S
Assistant Professor
St. Thomas College, Thrissur

 Mahesh Divakaran
Senior Data Analyst at Genpro Research,
Trivandrum

PRE- REQUISITES

- ✓ Basic Knowledge in Python

OBJECTIVES

This course is designed

- To have a clear understanding of the fundamental concepts of probability and statistical modelling
- To provide the participants a hands-on experience in statistical modelling of data using python.

FDP COORDINATORS

- Dr. Asha Sebastian, Assistant Professor ,
BS & H Department
- Ms .Rija jose, Assistant Professor,
AI & DS Department
- Ms.Angel Varghese, Assistant Professor,
AI & DS Department

