



UNIVERSITY OF KERALA

Re-accredited by NAAC with A++ GRADE

College Basket

May 18, 2024, 5:29 a.m.

College : V T M N S S College (145)
 Year of admission : Batch 2024
 Discipline : FYUGP Statistics

Category	Course Code	Course Name	Entered by	Entered on	Description
Semester: 1					
DSC	UK1DSCSTA102	QUANTITATIVE DATA ANALYTICS I	Deepa D	Thu, 09 May 2024 15:01:33 GMT	This course helps to analyze quantitative data, methodologies of data collection, visualize & summarize data trends.
DSC	UK1DSCSTA109	DESCRIPTIVE STATISTICS AND PROBABILITY	Deepa D	Thu, 09 May 2024 15:01:34 GMT	This statistics course explores describing data (averages, spread, shapes) and the theory of probability (events, theorems). It also delves into random variables and their properties, gaining practical experience with the R software for data analysis.
DSC	UK1DSCSTA111	DESCRIPTIVE STATISTICS WITH R	Deepa D	Thu, 09 May 2024 15:01:34 GMT	This R-focused course equips you with essential data skills to collect and organize data, explore it visually with charts and graphs, and summarize it using measures of center,

					spread, and shape. The course leverages R functions throughout, providing hands-on experience with data manipulation and visualization.
Semester: 2					
DSC	UK2DSCSTA102	QUANTITATIVE DATA ANALYTICS II	Deepa D	Thu, 09 May 2024 15:02:12 GMT	his advanced statistics course refines your understanding of relationships between variables (correlation & regression) and introduces curve fitting for modeling diverse patterns in economical data. It then dives into analyzing categorical data, probability theory, and common probability distributions to equip you with tools for solving problems involving chance and uncertainty.
DSC	UK2DSCSTA109	STANDARD DISTRIBUTIONS, CORRELATION AND REGRESSION	Deepa D	Thu, 09 May 2024 15:02:12 GMT	This R-focused course starts with an in-depth exploration of discrete distributions (Binomial, Poisson) and the normal distribution, including their properties, relationships, and applications. Then, it equips with tools for analyzing relationships between variables using correlation and regression analysis.
DSC	UK2DSCSTA111	DATA ANALYSIS USING R-I	Deepa D	Thu, 09 May 2024 15:02:12 GMT	This statistics course builds your skills in working with probability distributions and sampling techniques using the R software. It then dives into statistical estimation and analyzing relationships

					between variables , again with practical applications in R.
Semester: 3					
DSC	UK3DSCSTA202	QUANTITATIVE DATA ANALYTICS -III	Deepa D	Thu, 09 May 2024 15:02:45 GMT	This statistics course equips you with hypothesis testing, a key tool for analyzing quantitative data and cover core concepts and common tests for both large and small samples, helping you assess the validity of claims about data (means, proportions, etc.). It then delves into non-parametric tests for situations where data assumptions are violated.
DSC	UK3DSCSTA208	STATISTICAL INFERENCE	Deepa D	Thu, 09 May 2024 15:02:45 GMT	This statistics course builds your inferential statistics skills to estimate and test population values using R software
DSC	UK3DSCSTA210	DATA ANALYSIS USING R-II	Deepa D	Thu, 09 May 2024 15:02:45 GMT	This R-focused course equips with hypothesis testing, a cornerstone of data analysis without complex derivations. It also covers non-parametric tests for situations where data assumptions are violated.
Semester: 4					
SEC	UK4SECSTA201	STATISTICAL ANALYSIS USING PYTHON	DR. ANANDAKUMAR V M	Sun, 12 May 2024 16:16:19 GMT	This course equips you with Python for data analysis. It starts with the basics of Python and why it's useful for data and then dives into using libraries like Pandas to explore, clean, and visualize data . It help to summarize data with functions like mean and correlation and create charts to represent the findings.

VAC	UK4VACSTA203	DATA ANALYSIS USING SPREADSHEETS	DR. ANANDAKUMAR V M	Sun, 12 May 2024 16:16:07 GMT	This LibreOffice Calc course teaches spreadsheet essentials. Master data entry, calculations (including statistical functions), and create informative charts to analyze and interpret data.
Semester: 7					
DSC	UK7DSCSTA303	TIME SERIES ANALYSIS	Deepa D	Thu, 09 May 2024 15:03:47 GMT	This course explores analyzing time series data (e.g., stock prices) with R and to build forecasting models using techniques like exponential smoothing and ARIMA.
DSC	UK7DSCSTA402	STOCHASTIC PROCESS	Deepa D	Thu, 09 May 2024 15:03:48 GMT	It explores how probabilities behave for multiple variables and introduces stochastic processes and helps to analyze these processes, like Markov chains, Poisson processes and branching process.