



St Aloysius College (Autonomous), Mangaluru - 575003

Re-accredited by NAAC with 'A' Grade with CGPA 3.62/4

Ranked 95 in College Category - 2021 under NIRF, MoE, Government of India

Recognised as Centre for Research Capacity Building under UGC-STRIDE Scheme

Recognised under the DBT - BUILDER Scheme, Government of India

College with "STAR STATUS" conferred by DBT, Government of India

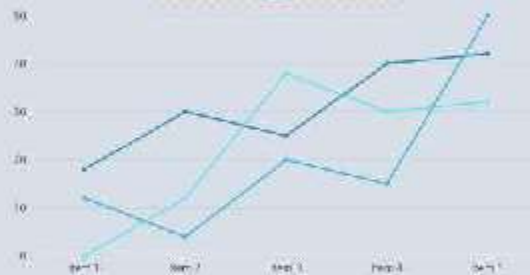
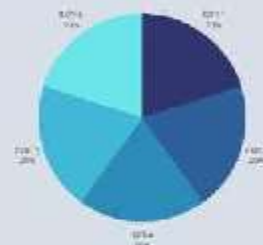
Recognised by UGC as "College with Potential for Excellence"

DEPARTMENT OF STATISTICS

Offers a certificate course

on

An Introduction to SPSS



Course duration: 30 Hours

Course Fee: Rs 500/-

The course commences on 23rd February 2022.

The last date for registration is 22nd February 2022.



[Register here](#)

Dr Aruna Kalkur T
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St Aloysius College (Autonomous), Mangaluru -575003

Department of Statistics

An Introduction to SPSS

Syllabus 2021- 2022

On completing this course students will:

- be comfortable using SPSS as a data analysis tool
- understand how to work with SPSS
- understand how to learn to use new features of SPSS on their own
- understand how to acquire information (samples)
- understand how to enter and reorganize information within SPSS
- understand how to effectively summarize research finds using SPSS

Unit Wise Topics	No of Hours
<p style="text-align: center;"><u>Unit I:</u></p> <p><u>Introduction to SPSS:</u></p> <p>SPSS Environment:Data Editor, Output Viewer, Data View Window, SPSS Syntax.Description of SPSS menu, Data Creation, import data from other data source, variable types in SPSS and Defining variables. Labelling for dummy numbers, recoding of the variables, transpose of data, insert variables and merge variables and cases.</p>	10 Hours
<p style="text-align: center;"><u>Unit II:</u></p> <p><u>Exploring Data:</u></p> <p>Descriptive Statistics: Measures of Central tendency and Dispersion.</p> <p>Diagrammatic representation:Simple bar diagram, Multiple bar diagram, Sub-divided bar diagram, Percentage bar diagram, Pie diagram, Frequency table, Histogram, Scatter diagram, Box plot.</p>	10 Hours

<p style="text-align: center;"><u>Unit III:</u></p> <p><u>Statistical tests using SPSS:</u></p> <p>Correlation, linear regression, multiple linear regression.</p> <p>Inferential Statistics: One sample t test, paired t test, independent sample t test, One way ANOVA, Chi square test for Independence.</p>	10 Hours
Total	30 Hours