



# ST AGNES COLLEGE (AUTONOMOUS)

Mangaluru - 575002

Re-accredited by NAAC with A+ Grade, CGPA 3.65/4 (Cycle 4)

College of Excellence by UGC, New Delhi

Star College Status by DBT, MST, Govt. of India



## DEPARTMENT OF STATISTICS

2022-2023

### VALUE ADDED COURSE: DATA ANALYSIS USING SPSS

Duration: 30 Hours

Name of the Resource Person :

Mrs. Shubha Rekha: St Agnes College, Mangalore

Mrs. Himani :Yenepoya University; Mangalore

#### Course Outcomes:

- Students identifies the type of data and coding measures.
- Students gets knowledge on the formation of data structures using SPSS.
- Students applies various statistical tools to the given research data using SPSS.
- Students draws valid inferences.

# Syllabus

- Introduction to SPSS
- Summary statistics using SPSS
- Data Presentation Techniques
- Parametric Tests
- Non Parametric Tests
- Factor Analysis

## Criteria for Evaluation and marks distribution

- Attendance : 10 Marks
- Analysis skills : 20 Marks
- Test Performance : 20 Marks
- Total : 50 Marks

## Grading Pattern:

- 40-50 : A
- 30-39 : B
- Below 30 : C