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
2023-2024
VALUE ADDED COURSE: DATA ANALYSIS USING SPSS

Duration: 30 Hours
Name of the Resource Person :
Mrs. Shubha Rekha: St Agnes College, Mangalore
Mrs. Vandhana K, Fisheries College, 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**