Rajagiri College of Social Sciences
Course Plan

Course name: Statistical Packages for Social Sciences (SPSS)

Course Code :   VAPS-01

Course Objective:

1) To help students understand the fundamentals of data interpretation and analysis using SPSS software.
2) To help students generate information from provided data which will help in better decision making.
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Total Hours	Offered During	Recourse Person
33hrs.	2nd Semesters of MBA 2014-2015	Prof. Veeva Mathew Email: veevamathew@rajagiri.edu Prof. Deepak BabuEmail: Email:deepak@rajagiri.edu

Session Plan

Session 1: **Variable definition and data entry in SPSS, Importing and Exporting files**
Session 2: **Descriptive Statistics (Means, dispersion, Quartiles, Percentiles)**
Session 3: **Data Transformations (Compute, recode and visual binning functions in SPSS);   z-score**

Session 4: **Exploring relationship between variables: Comparison of Means, Crosstab.**
*Session 5***: Strength of relationships: measures of association and relationships Testing of Hypothesis: One sample t-test**
*Session 6***: Independent sample t-test, One-way ANOVA, Post-Hoc; Chi-square**
*Session 7***: Two-way ANOVA, Post-Hoc; bivariate correlations, partial correlations; Multiple correlations**
Session 8: **Regression: Simple and Multiple regression, Enter and Stepwise methods in regression, Test of Normality**

Assessment plan:

Evaluation Criteria:

Component	Marks
End Examination Paly	50.00%
Class Participation	15.00%
Assignments	25.00%
Attendance	10.00%
Total	100.00%

Learning Outcomes:

1. Display competence in analytical Skills .
2. Demonstrate to visualize and interpret data analysis.