

# Rajagiri College of Social Sciences

## Course Plan

### Statistical Packages for Social Sciences (SPSS)(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.

Total Hours	Offered During	Recourse Person
30-40 hrs.	2nd Semesters MBA-MHRM 2016-17	Prof. Veeva Mathew Email: veevamathew@rajagiri.edu Prof. Deepak Babu Email: deepak@rajagiri.edu

#### Session Plan

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

**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:

<b>Component</b>	<b>Marks</b>
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.

