SPSS HANDS ON TRAINING

Credit Hours: L+T+P=C

0+2+2=4

Objectives

- Prepare and manipulate datasets for analysis in SPSS.

- Conduct simple descriptive and graphic analyses of data in SPSS.

- Prepare a report with a summary of analyses conducted in SPSS.

S.No	Particulars	No.of Hours
1.	Basics of SPSS	2
2.	Creating and Editing a data file	2
3.	Managing Data	2
4.	Creating and Editing graphs and charts	2
5.	Frequencies, bar charts, histograms, percentiles	3
6.	Descriptive Statistics	2
7.	Chi Square	2
8.	t-Test	3
9.	ANOVA	3
10.	Correlation	3
11.	Simple Linear Regression	3
12.	Multiple Linear Regression Analysis	3
13.	Multidimensional Scaling	2
14.	Factor Analysis	2
15.	Cluster Analysis	2
16.	SEM- Structural Equation Modelling	2
17.	Feministic Research Methods- Que Theory	2

References:

Text Books:

- Lie Pallant. SPSS Survival Manual: A Step by Step Guide to Data Analysis Using SPSS.

- Andy Field. Discovering Statistics Using IBM SPSS Statistics.

- Cooper, D. R., & Schindler, P. S. (2013). *Business research methods.* 12th ed. Boston, Mass.: McGraw-Hill/Irwin.

Reference Books:

- http://www.ats.ucla.edu/stat/, Institute for Digital Research and Education, UCLA. This website provides comprehensive guidance on the use of SPSS (as well as other statistical software). Highly recommended.

- http://calcnet.mth.cmich.edu/org/spss/toc.htm, Central Michigan University Training Workshop. This website includes both topic overview and tutorial movie clips to demonstrate various functions.

- http://www.stat.vcu.edu/help/SPSS/, SPSS Help Sheets. This pages contains links to several PDF files which outline how to run simple data analyses using the menu system in SPSS.

Learning Outcomes

CO1: Understand how to start SPSS

CO2: Define a variety of statistical variables

CO3: Enter basic data into SPSS

CO4: Carry out a statistical analysis that can test hypotheses.