-4 DAYS ON HAND DATA ANALYTICS WORKSHOP

(Software Covered SPSS, AMOS, R (rattle) and Minitab)

COURSE PLAN

SCOPE:

Today is the era of Data. The need to analyze vast amounts of data, being generated in different fields ranging from medicine to financial markets and from transportation to environmental modelling, is emerging as the next big challenge and opportunity. In order to create awareness about developments in the emerging field of Data.

COURSE PLAN:

Date	Session 1	Session 2	Session 3
Day 1	Awareness & importance of SPSS	Data Entering & Fundamental and Simple statistic concept Reports & Descriptive statistics	Correlation & Regression model (Linear, Polynomial, Logistics)
Day 2	Data Manipulation Control Charts (Minitab)	ANOVA Hypothesis Testing Factorial Analysis	Cluster Analysis Classification Analysis Dendrogram Analysis (R software)
Day 3	Forecasting Techniques, Time Serious, ARIMA	R – Data Modelling – Predictive Analytics	Discriminate analysis
Day 4	Structural Equation model (SEM), Mediation Analysis - AMOS		Minitab Exercises