Course Title: Data Analysis Lab

Course Code	:	17BA2LI	External Marks	:	50
Lab/Practice	:	Lab	Internal Marks	:	25
Credits	:	2	Contact Periods	:	4
Year/Semester	:	II year/I semester			

Course Outcomes
The student shall be able to:
1. Construct an Excel programme in the data analysis.
2. Identify the relevant analytical tools for a given data set.
3. Apply various analytical tools suitable to different data sets.
4. Make use of inferences from the results of the analysis

1. Data Analysis using Excel- Descriptive and Graphs
2. Data Analysis using Excel- Uni-variate statistics
3. Data Analysis using Excel- Bi-variate statistics
4. Statistical packages- Data entry
5. Statistical packages- Descriptive statistics & Graphs
6. Statistical packages- Uni-variate statistics
7. Statistical packages- Bi-variate statistics
8. Statistical packages- Multivariate statistics

References

1. Manohar Hansa Lysander, Data Analysis and Business Modelling Using Microsoft Excel, PHI (2016).
2. Ash Narayan Sah Data Analysis Using Microsoft Excel, Excel Books, (2009)
3. Elizabeth, Ph.D. Bigham, Introduction to PSPP: A Step by Step Guide: Volume 9 (Everyday Application of Social Science Research) CreateSpace Independent Publishing Platform; 1 ed (2013).
4. http://bookboon.com/en/excel-2010-introduction-part-i-ebook.
5. http://bookboon.com/en/excel-2010-advanced-ebook.