JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR

MBA I Semester	**L**	**T**	**P**	**C**
	0	**0**	**3**	**2**

(17E00109) DATA ANALYTICS - LAB

The Objective of the course is to provide basic understanding of applications of information technology and hands on experience to students in using computers for data organization and addressing business needs.

The Experiments may be devised as per the following requirements

1. **MS-Word**-Creation of Document- Format Document-Text editing and saving-Organising information with tables and outlines-Mail merge-Publishing documents on Web. **MS Power Point**-Creation of slides-Use of templates and slide designs for creating power point slides- use of drawings and graphics. Developing a Professional presentation on Business Plans, Institutions, Products, People etc
2. **MS Excel**-Creating and editing worksheets-Cell formatting-Creating and using formulas and functions-Use of Macros –Sorting and querying data-Working with graphs and charts
3. **Sample test for means**-T-test, Z-test, ANOVA, one way, two way..
4. **Correlation-**Significance and application, Pearson & Spearman Correlation
5. **Regression**-Simple linear regression, Multiple regression.

References:
- Cox et all- 2007 Microsoft Office System Step-by- Step, First Edition, PHI.
- David Whigam-Business Data Analysis Using Excel, First Edition, Oxford University Press.
- Alexisleon, TMH, 2008, Enterprise resource planning.
- The Oxford Hand Book of Internet studies, William.H.Dulton, Oxford.