

**Department of Information Technology**

Class:	TE IT Semester – VI (CBCSGS)	Subject Code ITL602
Subject:	Business Intelligence Lab	
Semester:	First Half of 2019 (AY: 2018-19)	Schedule: 02 hours per week
DOC	January 02, 2019	

..... List of Practical assignments and plan of implementation.....

No	Title	Experiment/ Assignment type	LO	PO	Plan
01	Tutorials on Data Exploration and Data pre-processing.	Analyse and Apply	1,2	1, 2	Week 1 Week 2
02	To use WEKA to implement the Classifiers Algorithms.	Utility	3	1, 2, 5	Week 3
03	To use WEKA to implement Clustering Algorithms.	Utility	3	1, 2, 5	Week 4
04	To use WEKA to implement the Association Mining Algorithms.	Utility	3	1, 2, 5	Week 5
05	Implementation of Decision tree classifier using Java.	Application	4	1, 2, 5, 9	Week 6
06	Implementation of k-means clustering using Java.	Application	4	1, 2, 5, 9	Week 7
07	Implementation of Association Mining/ Apriori algorithm using Java;	Application	4	1, 2, 5, 9	Week 8
08	Detailed study of BI tool – Pentaho (paper Assignment)	Survey and Case Study	5	5, 9, 10, 12	Week 9
09	Detailed study of BI tool – Rapid Miner (paper Assignment)	Survey and Case Study	5	5, 9, 10, 12	Week 10
10	Business Intelligence Mini Project: (Refer the detailed guidelines given in the Syllabus)	Analyse and Apply	6	2, 3, 5, 9, 11, 12	Week 11 Week 12

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