

Lesson Plan

II.B.Tech-IT-I Sem. (2013-14)

Sub:DWDM

Period	Date	Topic	Unit No.	Teaching Methodology
4	10/06/13	Big data	Unit – I	CR
7	12/06/13	Define data mining and motivating challenges	Unit – I	CR
4	13/06/13	data mining tasks	Unit – I	CR
1	14/06/13	-----→ Tutorial ←-----		CR
1	15/06/13	-----→ Tutorial ←-----		CR
5	15/06/13	Types of Data-attributes and data sets	Unit – I	CR
4	17/06/13	-----→ Do ←-----		CR
7	19/06/13	Data Quality	Unit – I	CR
4	20/06/13	Review on unit -1		CR
7	21/06/13	-----→ Tutorial ←-----		CR
1	22/06/13	-----→ Tutorial ←-----		CR
5	22/06/13	Motivation towards why to preprocess data	Unit – II	CR
4	24/06/13	Measure of similarity and dissimilarity	Unit – II	CR
7	26/06/13	Measure of similarity	Unit – II	CR
4	27/06/13	similarity between data objects	Unit – II	CR
1	28/06/13	-----→ Tutorial ←-----		CR
1	29/06/13	-----→ Tutorial ←-----		
5	29/06/13	Similarity of binary data, jaccard coefficient	Unit – II	CR
4	01/07/13	cosine similarity ,extend jaccard coefficient	Unit – II	CR
7	01/07/13	Correlation and exploring data	Unit – II	CR
4	4/07/13	Motivation for data warehouse	Unit – III	CR
1	5/7/13	-----→ Tutorial ←-----		CR
1	6/7/13	-----→ Tutorial ←-----		CR
5	06/7/13	Data cube and OLAP	Unit – III	CR

4	08/7/13	Difference between OLAP and OLTP	Unit – III	CR
7	10/07/13	Efficient data cube computation	Unit – III	CR
7	11/7/13	Partial materializations ,OLAP data	Unit – III	CR
1	12/07/13	-----→ Tutorial ←-----		CR
1	13/07/13	-----→ Tutorial ←-----		CR
5	13/07/13	Efficient processing of OLAP queries	Unit – III	CR
4	15/07/13	-----→ Do ←-----		CR
7	17/07/13	Basic concept of classification	Unit-IV	CR
4	18/07/13	General approach to classification problems	Unit-IV	CR
1	19/07/13	-----→ Tutorial ←-----		CR
1	20/7/13	-----→ Tutorial ←-----		CR
5	20/07/13	Working of Decision tree	Unit-IV	CR
4	22/7/13	Building of Decision tree	Unit-IV	CR
7	24/7/13	methods to expressing attribute test comparison	Unit-IV	CR
4	25/7/13	decision tree algorithm	Unit-IV	CR
1	26/7/13	-----→ Tutorial ←-----		CR
1	27/7/13	-----→ Tutorial ←-----		CR
5	27/7/13	Issues of decision tree	Unit-IV	CR
4	29/7/13	Evaluation of classifier	Unit-IV	CR
7	31/7/13	-----→ Do ←-----		CR
4	1/8/13	Review of unit		CR
1	2/8/13	-----→ Tutorial ←-----		CR
1	3/8/13	-----→ Tutorial ←-----		CR
5	3/8/13	Random sub sampling, Cross-validation, bootstrap	Unit-IV	CR
4	12/8/13	Bayes theorem and problems	Unit-V	CR
7	14/8/13	Naïve Bayes classifier	Unit-V	CR

1	16/8/13	-----→ Tutorial ←-----		CR
1	17/8/13	-----→ Tutorial ←-----		CR
5	17/8/13	Naïve Bayes classifier	Unit-V	CR
4	19/8/13	Bayes error rate	Unit-V	CR
7	21/8/13	Naïve Bayes classifier	Unit-V	CR
4	22/8/13	DGA	Unit-V	CR
1	23/8/13	-----→ Tutorial ←-----		CR
1	24/8/13	-----→ Tutorial ←-----		CR
5	24/8/13	model representation	Unit-V	CR
4	26/8/13	model building	Unit-V	CR
7	28/8/13	Association analysis	Unit-VI	CR
4	29/8/13	Item set generation, Apriori algorithm	Unit-VI	CR
1	30/8/13	-----→ Tutorial ←-----	Unit-VI	CR
1	31/8/13	-----→ Tutorial ←-----	Unit-VI	CR
5	31/8/13	Frequent item-set generation, Apriori algorithm	Unit-VI	CR
4	2/9/13	FP-growth algorithm	Unit-VI	CR
7	4/9/13	-----→ Do ←-----	Unit-VI	CR
4	5/9/13	Review of Apriori algorithm	Unit-VI	CR
1	6/9/13	-----→ Tutorial ←-----	Unit-VI	CR
1	7/9/13	-----→ Tutorial ←-----	Unit-VI	CR
5	7/9/13	Review of FP	Unit-VI	CR
1	9/9/13	Definition of clustering and k- means algorithm	Unit-VII	CR
7	11/9/13	K-means and different types of cluster s	Unit-VII	CR
4	12/09/13	-----→ Do ←-----		CR
1	13/09/13	-----→ Tutorial ←-----		CR
4	16/9/13	K-means as a optimization problems	Unit-VII	CR

7	18/9/13	-----→ Do ←-----		CR
1	20/9/13	-----→ Tutorial ←-----		CR
1,5	21/9/13	Review on k- means	Unit-VII	CR
4	23/9/13	hierarchical cluster agglomerative	Unit-VIII	CR
7	25/9/13	Agglomerative hierarchical clustering	Unit-VIII	CR
4	26/9/13	Performance of Agglomerative clustering	Unit-VIII	CR
1	27/9/13	-----→ Tutorial ←-----		CR
1	28/9/13	-----→ Tutorial ←-----		CR
4	30/9/13	DB scan algorithm	Unit-VIII	CR
4	31/9/13	DB scan algorithm strength and weaknesses	Unit-VIII	CR
4	04/10/13	Old papers		CR