LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
1	10/1/12	Basic Data Mining	1	CR		
2	11/2/14	Data Mining Functionalities		CR		
3						
3	14/2	Interestingness of a Pattern		CR		
		classification of Data M. S				
4	17/2	Datamining metrics		CR		
		Datamining from a database				
5	18/2	Datamining techniques:		CR		
6	20/2	A Statistical Prespective		CR		
7	21/2	on datamining similarity measures		CR		
8	24/2	Datawarehousing Def.	2	CR		
		multidimensional data model				
9	25/2	Data cube - Dimension		CR		
		Modelling				
10	28/2	OLAP operations		CR		

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Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
11	3/3	Data warehouse Schema		CR		
12	4/3	Data warehouse Architecture		CR		
		Data mart - Meta data				
13	6/3	types of meta data.		CR		
14	7/3	Data warehouse backend		CR		
		Process Dap of life cycle.				
15	10/3	Data Pre Processing and		CR		
		characterization, cleaning				
16	11/3	Data Integration and		CR		
		Transformation, Data Reduction				
17	13/3	What is Concept description	3	CR		
18	14/3	Data generalization and		CR		
		Summarization based				
19	18/3	characterization		CR		

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Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
20	20/3	Analytical characterization		CR		
21	21/3	Analysis of attribute relevance		CR		
22	24/3	Mining class comparisions		CR		
23	25/3	Discriminating between different classes.		CR		
24	27/3	mining descriptive statistical		CR		
25	28/3	measures in large databases				
26	1/4	Association rulemining	4	CR		
27	3/4	Mining single dimension-al boolean association		CR		
28	4/4	rules from transactional databases.		CR		

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Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
29	16/4	Mining multidimensional rules		CR		
30	17/4	mining multidimensional		CR		
31	21/4	association rules.		CR		
32	22/4	mining association rules		CR		
33	24/4	from relational DBS and DW's.		CR		
34	25/4	Association mining to		CR		
35	28/4	correlation analysis.		CR		
36	29/4	Constructed based association mining.		CR		
37	19/5	Classification by	5	CR		
38	20/5	Decision Tree Induction		CR		

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Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Actic Upon Review
39	23/5	Bayesian classification		CR		
40	23/5	Classification by back Propagation		CR		
41	26/5	Classification based on concept.		CR		
42	27/5	Classification based on Association rules		CR		
43	29/5	Association rule mining		CR		
44	30/5	Classifier accuracy		CR		
45	2/6	Example on back Propagation.		CR		
46	3/6	Example on bayesian classification		CR		

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Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
47	5/6	Cluster analysis	6	CR		
48	6/6	what is cluster analysis		CR		
49	9/6	A categorization of major clustering		CR		
50	10/6	Clustering methods		CR		
51	12/6	Hierarchical algorithms		CR		
52	13/6	Hierarchical algorithms		CR		
53	16/6	Partitional algorithms		CR		
54	17/6	Density based Clustering methods.		CR		
55	19/6	Mining techniques and		CR		
56	20/6	Data Mining & Data Warehouse Arch		CR		