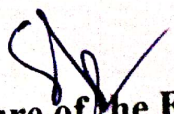


LESSON PLAN

Name of the Institute:	C. V. Raman Polytechnic	
Department:	CSE	
Semester/Division/Branch:	4th	
Subject Name with code:	Database Management System(DBMS)	
Total No. of Class (Required):	60	
Faculty Name:	Supriya Panigrahi	
Class No.	Brief description of the Topic/Chapter to be taught	Remarks
1	Purpose of database Systems	
2	Database users	
3	Data definition language	
4	Data Dictionary	
5	Data independence	
6	Entity relationship models	
7	Entity sets and Relationship sets	
8	Explain Attributes	
9	Mapping constraints	
10	E-R Diagram	
11	Relational model	
12	Hierarchical model	
13	Relational algebra	
14	Different operators select	
15	project	
16	join	
17	join , simple Examples	
18	Functional Dependencies	

19	Lossless join	
20	Importance of normalization	
21	first normal forms	
22	second normal forms	
23	second normal forms	
24	third normal forms	
25	third normal forms	
26	Compare First second and third normal forms	
27	Explain BCNF	
28	Explain BCNF	
29	Elementary idea of Query language	
30	Queries in SQL	
31	Queries in SQL	
32	Queries in SQL	
33	Simple queries to create table	
34	Simple queries to create table	
35	Update table	
36	Update table	
37	insert in SQL	
38	insert in SQL	
39	Idea about transaction processing	
40	Transaction & system concept	
41	Transaction & system concept	
42	Desirable properties of transaction	
43	Desirable properties of transaction	
44	Schedules and recoverability	
45	Schedules and recoverability	

46	Basic concepts,	
47	Locks	
48	Live Lock, Dead Lock	
49	Dead Lock,	
50	Dead Lock	
51	Serializability (only fundamentals)	
52	Serializability(only fundamentals)	
53	Authorization and views	
54	views	
55	Security constraints	
56	Security constraints	
57	Integrity Constraints	
58	Integrity Constraints	
59	Discuss Encryption	
60	Encryption	


Signature of the Faculty


Signature of the H