TASK (1.6)

CONVERT ER DIAGRAM INTO RELATIONAL MODEL

Aim :- To convert the ER diagram into relational model steps for converting ER diagram to the relational Model

* Entity type become a table.

* All single valued attributes become a column for the table.

* A key Attribute of the entity type represented by Primary key.

* The multi valued attribute is represented by a separate table.

* composite attribute represent by components

* Derived attributes are not considered in the Table

using these rules, you can convert the ER Diagram to tables & column and assign the mapping between the tables,

VEL TECH - CSE	
EX NO.	1.1
PERFORMANCE (5)	5
RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	1
RECORD (5)	2
TOTAL (20)	
SIGN WITH DATE	1/20

Result :- The relational model for the given ER Diagram was successfully converted

Relational model

Student
Name VARCHAR
Student - ID (PK) INT
Department - ID INT
Department VARCHAR
DoB   DATE
Adrey   VARCHAR

Time table
Time   TIME
Date   DATE
Classes   VARCHAR
TTID (PK)   INT

Admission
Student ID (PK) INT
Admission - num INT
Course name VARCHAR
Date of enrollment
         DATE

Lecture
Name   VARCHAR
Gender   VARCHAR
Lecture - (ID)(PK) INT
Ph-num   VARCHAR
Department VARCHAR

Subjects
Subject-Name
         VARCHAR
Subject Code (PK)
         INT