

Course Name: A Level (1<sup>st</sup> Sem) Topic: ERD (Part 1) Subject : Introduction to DBMS Date: 30-Mar-2020

Entity Relationship Diagram (ERD)

## **4** ER Model

Entity Relationship (ER) model is a theoretical/conceptual model which provides a means of identifying entities, their attributes to be represented in the database and how these entities are related to each other. It was introduced by Peter Chen and published in 1976.

## 🖊 ER Diagram

Entity Relationship Diagram (ERD) is a pictorial representation of data that describes how data is communicated and related to each other. Entities, attributes and relationship among entities can be characterised with the help of the ER diagram.

ERD shows the logical structure of the database which can be used to convert into relational database.







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## **Exercises:**

- 1. Draw diagram for representing entity Product with their attributes as represented in ERD.
- 2. Draw diagram for representing entity Course with their attributes as represented in ERD.

