EXPERIMENT 1

ER DIAGRAM OF COLLEGE DATABASE

**Aim:** Draw an ER diagram of a college database.

**Components of an ER diagram:**

Entity: Object that is relevant to given system. Represented as rectangle.

Weak entity: An entity that depends on another entity. Represented as double rectangles.

Attribute: Trait of an entity, relationship or other attribute. Represented by oval.

Multivalued attributes: Attributes that have more than one value. Represented as double ovals.

Derived attribute: Attribute derived from another attribute. Represented as dotted ovals.

Relationship: Describes how entities interact. Represented by rhombus.

