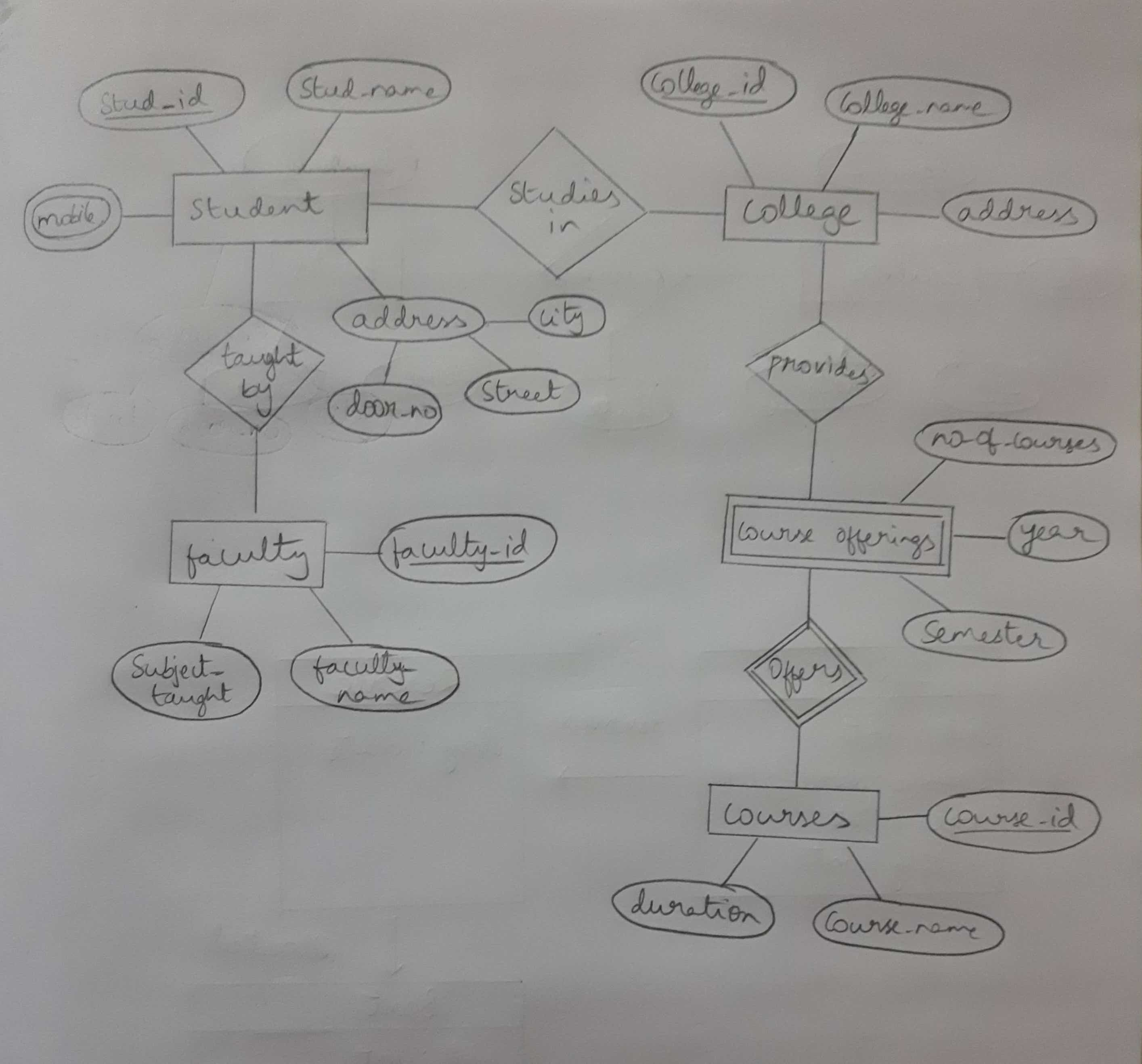
EXPERIMENT 1

ER DIAGRAM OF COLLEGE DATABASE

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

**Components:**

* Entities:
  + Strong entity:
    - Student
    - College
    - Faculty
    - Courses
  + Weak entity:
    - Course offerings
* Relationship
  + Studies in
  + Taught by
  + Provides
  + Offers (Weak relationship)
* Attributes
  + Multi valued
    - Mobile
  + Composite
    - Address
  + Primary
    - Stud\_id
    - College\_id
    - Faculty\_id
    - Course\_id



offers

Course offerings

Faculty

Taught\_by

Course

Prov-ides

Studi-es\_in

Student

College