**ER Diagram of University**

**List of Entities:-**

1. Student
2. Professor
3. Program

**List of Attributes:-**

1. S\_ID, S\_Name, DOB, Sex, Age, Phone Number, Address(For Student Entity)
2. P\_ID, P\_Name, Phone number, Address(For Professor Entity)
3. Course\_ID, Course Name, Course Credit(For Program Entity)

**Relations:-**

1. One student enrolled in one program only. So there is one-to-one relationship between student and program.
2. One professor teach many students. So there is one-to-many relationship between professor and student.
3. One professor can work with multiple program. So there is one-to-many relationship between professor and student.

