**ENTITIES AND THEIR ATTRIBUTES**

1. Faculty\_Information - fac\_Id, full\_name (F\_name,L\_name), email\_Id, courses[]
2. Course\_Information – course\_Id, course\_Name, credits, type
3. Lab\_Information – lab\_Id, capacity, courses[], lab\_location, lab\_incharge
4. ClassRoom\_Information – capacity, location, room\_no
5. Period – hour, day, class, faculty, type
6. Faculty\_Replacement – faculty, courses[], freeslots[]
7. Students – roll\_no, name, class
8. TimeTable – class\_id, allocation
9. Course\_Mentor – course\_Id, fac\_Id
10. Course\_Faculty – course\_id,faculties[]
11. Class – class\_id, department, students[], courses[], advissor
12. Admin – name, admin\_Id, email\_id, password
13. Section – section, year, semester

**ER TO RELATIONAL SCHEMA MAPPING**

1. Admin(admin\_Id, name, email\_Id, courses[])
2. Faculty\_Information(fac\_id, full\_name, emailID, courses)
3. Course\_Information(course\_id, coursename, credits)
4. Faculty\_Replacement(faculty, courses[], freeslots[])
5. Period (hour, day, class, faculty, type)
6. Students(rollno, name, class)
7. Timetable (class\_id, period[] )
8. Class(class\_id, department, students, courses, advisor)
9. Section(section, year, semester)
10. CourseMentor(course\_id, fac\_id)
11. LabInformation(lab\_id, capacity, courses, lablocation, labincharge)
12. CourseFaculty(course\_id, faculties[])
13. ClassRoomInformation( roomno,capacity, location)