**SIR SYED UNIVERSITY OF ENGINEERING & TECHNOLOGY**

**COMPUTER SCIENCE AND INFORMATION TECHNOLOGY DEPARTMENT**

**SPRING 2021**

**DATABASE SYSTEM (CS-329)**

**Assignment 1**

Semester: 5TH Batch: 2019

Due Date: 21st -March-2021 Max Marks: 5

**Question No.01 Create an ERD for Attendance Management System**

* A course can have multiple faculty members categorized as course coordinator, co-teacher and lab teacher.
* For a single course theory and lab attendance need to be maintained.
* Faculty can create single session for each class.
* Faculty can enroll multiple students in the session.
* Students can mark only his/her attendance.
* Student can view only his attendance.
* Student can mark only one attendance at a time.
* Student can be enrolled in various session as per selected course.
* Each course has its own session of managing attendance.
* Monthly report can be generated to view total attendance.
* Monthly report can be accessed by only course coordinator of course.
* Two separate reports can be generated for theory and lab classes.
* Lab monthly report can only be accessed by Lab teacher.