**Assignment 05**

**Q. Design a Hotel Booking System that maintains the following database:**

Hotel (Hno , Hname , city, phone ,Room\_type ,Price)

Guest (Gno ,gname ,Address ,Phone)

Booking (Hno ,Gno ,Date\_from ,Date\_to)

**Create tables in Ms Access such that if a record of a hotel table is deleted then all the corresponding records in booking table also get deleted. Insert sufficient number of tuples so that the queries yield some results.**

i) List the particular of all the guests who have checked in the 16th of November 2018 in any hotel in **Chennai.**

ii) Find the average price of an **AC double bedded** room.

**Create a user interface for the above application. Incorporate the following in your design.**

a) Input, View, modify and delete hotel, guest and booking data in separate forms.

b) Incorporate checks and show error messages if Date is less than Date from. Also Make sure that an already booked room is blocked for further booking.

c) Generate a bill for a guest who is going to checkout.