

Database Design

Admin- Super Admin, Principal, HOD, etc.

1) Admin Details

```
CREATE TABLE `admin_details` (  
    `username` varchar(10) NOT NULL,  
    `password` varchar(20) NOT NULL,  
    `Email_id` varchar(100) NOT NULL,  
    `phone_no` bigint(12) NOT NULL,  
    `OTP` varchar(50) DEFAULT NULL);
```

2) Office Admin Table

```
CREATE TABLE `office` (  
    `office` varchar(12) NOT NULL,  
    `Password` varchar(18) NOT NULL,  
    `username` varchar(12) NOT NULL)
```

3) Faculty Table

```
CREATE TABLE `faculty` (  
    `Sdrn` varchar(8) NOT NULL,  
    `First_name` varchar(20) NOT NULL,  
    `Middle_name` varchar(20) DEFAULT NULL,  
    `Last_name` varchar(20) DEFAULT NULL,  
    `DOB` date NOT NULL,
```

```

`Department` varchar(10) NOT NULL,
`Contact_no` bigint(10) NOT NULL,
`Addr` varchar(200) NOT NULL,
`Email` varchar(50) NOT NULL,
`Doj` date NOT NULL,
`Qualification` varchar(50) NOT NULL,
`Desig` varchar(30) NOT NULL,
`Password` varchar(20) NOT NULL,
`OTP` varchar(20) DEFAULT NULL);

```

4) Student Record Table

```

CREATE TABLE `stu_record` (
  `Roll_no` varchar(12) NOT NULL,
  `Serial_no` int(11) NOT NULL,
  `Last_name` varchar(12) DEFAULT NULL,
  `First_name` varchar(25) DEFAULT NULL,
  `Middle_name` varchar(25) DEFAULT NULL,
  `Year` varchar(5) DEFAULT NULL,
  `Division` varchar(5) DEFAULT NULL,
  `Batch` varchar(5) DEFAULT NULL,
  `Password` int(11) NOT NULL DEFAULT '12345',
  `Phone_no` bigint(12) NOT NULL,
  `emailid` varchar(100) NOT NULL,
  `OTP` varchar(20) NOT NULL,
  `EL_1` varchar(20) NOT NULL,
  `EL_2` varchar(15) NOT NULL,

```

```
`sem` int(11) NOT NULL DEFAULT '0');
```

5) Student Authentication Table

```
CREATE TABLE `stu_record1` (  
  `Roll_no` varchar(9) DEFAULT NULL,  
  `Password` varchar(18) DEFAULT '123');
```

6) Course Table

```
CREATE TABLE `course` (  
  `Department` varchar(10) NOT NULL,  
  `Sem` varchar(5) NOT NULL,  
  `Subject_code` varchar(15) NOT NULL,  
  `Subject_name` varchar(50) NOT NULL,  
  `Subject_shortname` varchar(6) NOT NULL,  
  `Year` varchar(2) NOT NULL,  
  `Elective` varchar(10) DEFAULT NULL);
```

7) Course Mapping

```
CREATE TABLE `coursemapping` (  
  `Sdrn` varchar(8) NOT NULL,  
  `Subject_code` varchar(15) NOT NULL,  
  `Year` varchar(2) NOT NULL,  
  `Division` varchar(1) NOT NULL,  
  `Lec_count` int(11) NOT NULL);
```