DBMS PROJECT

ON

NIT WARANGAL STUDENTS DATABASE

Designed by

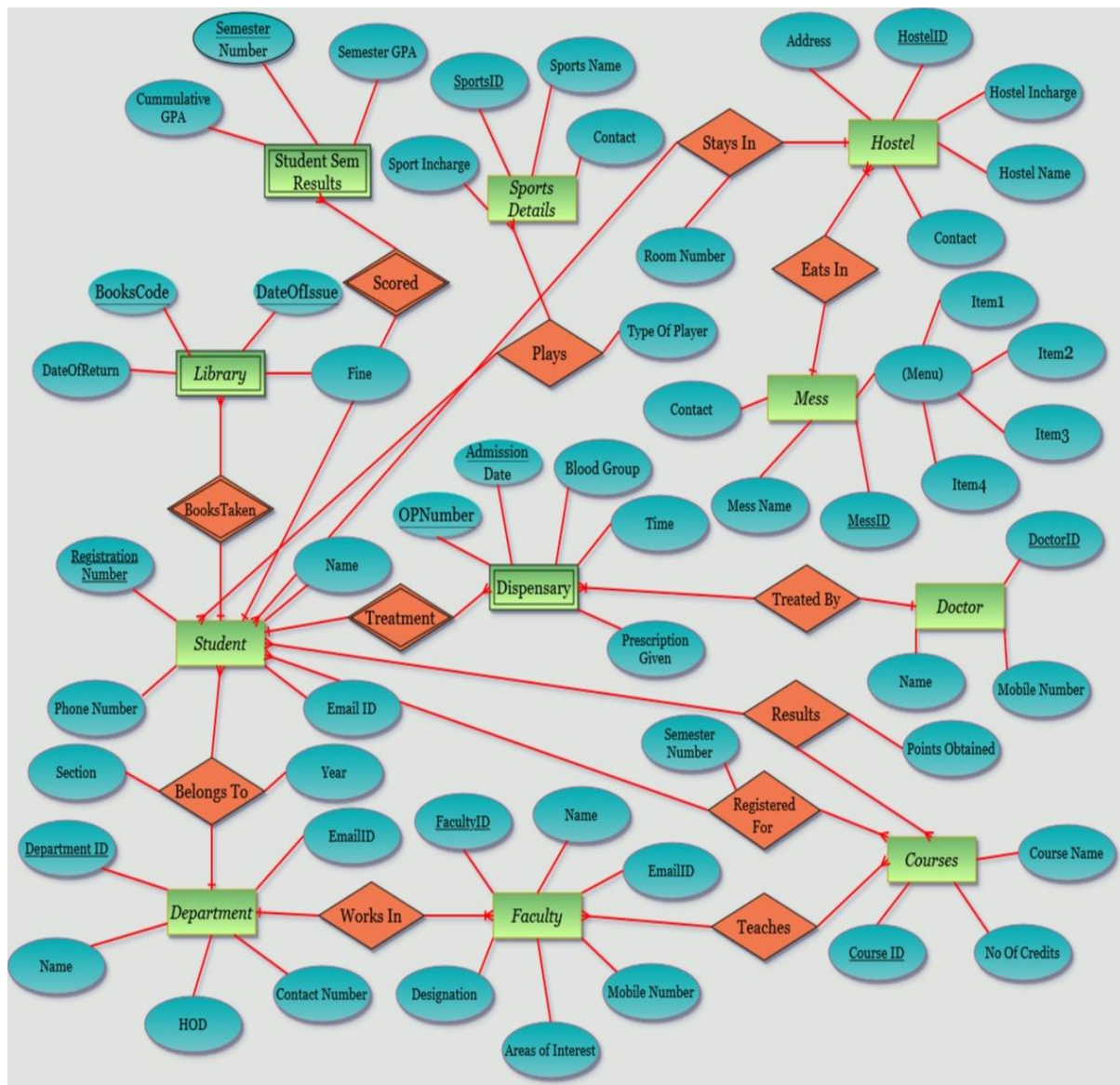**Sudireddy Dinesh Reddy, 197279**

Peta Manoj Kumar Reddy, 197259

Gatram Lakshmi Prashanth, 197147

Problem Statement

This database aims at providing a centralized view of data of NIT Warangal students. It is mandatory for every institute to maintain a database to store data of students and their faculty. This database provides information regarding hostel, mess, library, sports, academics of students.

Entity Relationship Diagram

This Entity–relationship model (ER model) describes the structure of NIT Warangal students database.

Relational Schema

Attributes:

- MessID (Primary Key)
- MessName
- Contact
- Menu (Composite attribute with values item1, item2, item3, item4)

Entity: **hostel**

Attributes:

- HostelID (Primary Key)
- HostelName
- HostelIncharge
- Address
- Contact
- MessID (Foreign Key Referenced from 'mess')

Entity: **sportsdetails**

Attributes:

- SportsID (Primary Key)
- Sportsname
- SportIncharge
- Contact

Entity: **department**

Attributes:

- DepartmentID (Primary Key)
- Name
- HOD
- ContactNumber
- EmailID

Entity: faculty

Attributes:

- FacultyID (Primary Key)
- DepartmentID (Foreign Key Referenced from 'department')
- Name
- MobileNumber
- AreasOfInterest
- Designation
- EmailID

Entity: courses

Attributes:

- CourseID (Primary Key)
- NumberOfCredits
- CourseName

Entity: teaches

Attributes:

- FacultyID (Foreign Key Referenced from 'faculty')
- CourseID (Foreign Key Referenced from 'courses)
  Primary Key - (FacultyID, CourseID)

Entity: student

Attributes:

- RegistrationNumber (Primary Key)
- Name
- Year
- Section
- EmaiID
- PhoneNumber
- DepartmentID (Foreign Key Referenced from 'department')
- HostelID (Foreign Key Referenced from 'hostel')
- RoomNumber

Attributes:

- RegistrationNumber (Foreign Key Referenced from 'student')
- SportsID (Foreign Key Referenced from 'sportsdetails')
- TypeOfPlayer

Entity: **library**

Attributes:

- RegistrationNumber (Foreign Key Referenced from 'student')
- BookCode (Discriminator for weak entity)
- DateOfIssue (Discriminator for weak entity)
- DateOfReturn
- Fine
  Primary Key - (RegistrationNumber, BookCode, DateOfIssue)

Entity: **doctor**

Attributes:

- DoctorID (Primary Key)
- Name
- MobileNumber

Entity: **dispensary**

Attributes:

- RegistrationNumber (Foreign Key Referenced from 'student')
- OpNumber (Discriminator for weak entity)
- AdmissionDate (Discriminator for weak entity)
- BloodGroup
- Time
- DoctorID (Foreign Key Referenced from 'doctor')
- Prescription
  Primary Key – (RegistrationNumber, OpNumber, AdmissionDate)

Entity: studentsemresults

Attributes:

- RegistrationNumber (Foreign Key Referenced from 'student')
- SemesterNumber (Discriminator for weak entity)
- SemesterGPA
- CumulativeGPA
  Primary Key – (RegistrationNumber, SemesterNumber)

Entity: results

Attributes:

- RegistrationNumber (Foreign Key Referenced from 'student')
- CourseID (Foreign Key Referenced from 'courses')
- PointsObtained
  Primary Key – (RegistrationNumber, CourseID)

Entity: registeredfor

Attributes:

- RegistrationNumber (Foreign Key Referenced from 'student')
- CourseID (Foreign Key Referenced from 'courses')
- SemesterNumber
  Primary Key – (RegistrationNumber, CourseID)

Normalisation of Tables

Normalization:
1NF
- ➢ A Table is in 1NF when all the attributes contain atomic values(cannot be divided further)
- ➢ No Duplicate rows are allowed.
- ➢ A Column should contain value from the same domain.

Here, In this Database all the tables contain single valued attributes and composite valued attributes are divided into columns So, All the tables are in 1NF.

2NF
- ➢ It should be in 1NF.
- ➢ There should not be any functional dependency

Here, In this Database as we have only tables those have a single candidate key and which is a primary and all also any proper subset of this candidate key do not form any functional dependency with other non-prime attributes. So, All the Tables are in 2NF.

3NF
- ➢ It should be in 2NF.
- ➢ No Transitive Dependency for non-prime attributes.

Here, In this Database only dependency exists for candidate key so there is not possibility of having any transitive dependency. There, they are in 3NF.

BCNF
- ➢ It should be in 3NF.
- ➢ For each non-trivial dependency, the left hand side of dependency is super key.

  Here, As in all the functional dependencies the determinant is candidate key. So the tables are in BCNF.

Actual Database Creation

SQL Queries

Creation of Tables:

Table: mess

```sql
CREATE TABLE mess(
            MessID NUMBER(5) PRIMARY KEY,
            MessName VARCHAR2(20),
            Contact NUMBER(12),
            item1 VARCHAR2(15),
            item2 VARCHAR2(15),
            item3 VARCHAR2(15),
            item4 VARCHAR2(15)
            );
```

Table: hostel

```sql
CREATE TABLE hostel(
            HostelID NUMBER(5) PRIMARY KEY,
            HostelName VARCHAR2(50),
            HostelIncharge VARCHAR2(40),
            Address VARCHAR2(40),
            Contact NUMBER(12),
            MessID NUMBER(5),
            FOREIGN KEY (MessID) REFERENCES mess(MessID)
            );
```

Table: sportsdetails

```sql
CREATE TABLE sportsdetails(
                SportsID NUMBER(5) PRIMARY KEY,
                Sportsname VARCHAR2(15),
                SportIncharge VARCHAR2(40),
                Contact NUMBER(12)
                );
```

Table: department

```sql
CREATE TABLE department(
                        DepartmentID NUMBER(5) PRIMARY KEY,
                        Name VARCHAR2(50),
                        HOD VARCHAR2(40),
                        ContactNumber Number(12),
                        EmailID VARCHAR2(50)
                        );
```

Table: faculty

```sql
CREATE TABLE faculty(
            FacultyID NUMBER(7) PRIMARY KEY,
            DepartmentID NUMBER(5),
            Name VARCHAR2(40),
            MobileNumber NUMBER(12),
            AreasOfInterest VARCHAR2(100),
            Designation VARCHAR2(30),
            EmailID VARCHAR2(50),
            FOREIGN KEY (DepartmentID) REFERENCES department(DepartmentID)
            );
```

Table: courses

```sql
CREATE TABLE courses(
                    CourseID NUMBER(6) PRIMARY KEY,
                    CourseName VARCHAR2(30),
                    NumberOfCredits NUMBER(2)
                    );
```

Table: teaches

```sql
CREATE TABLE teaches(
            FacultyID NUMBER(7),
            CourseID NUMBER(6),
            FOREIGN KEY (FacultyID) REFERENCES faculty(FacultyID),
            FOREIGN KEY (CourseID) REFERENCES courses(CourseID),
            PRIMARY KEY(FacultyID,CourseID)
            );
```

Table: student

```sql
CREATE TABLE student(
                RegistrationNumber NUMBER(7) PRIMARY KEY,
                Name VARCHAR2(40),
                Year NUMBER(1),
                Section Varchar2(5),
                EmailID VARCHAR2(50),
                PhoneNumber NUMBER(12),
                DepartmentID NUMBER(5),
                HostelID NUMBER(5),
                RoomNumber VARCHAR2(7),
                FOREIGN KEY (HostelID) REFERENCES hostel(HostelID),
                FOREIGN KEY (DepartmentID) REFERENCES department(DepartmentID)
                );
```

Table: plays

```sql
CREATE TABLE plays(
            RegistrationNumber NUMBER(7),
            SportsID NUMBER(5),
            TypeOfPlayer VARCHAR2(15),
            FOREIGN KEY (SportsID) REFERENCES sportsdetails(SportsID),
            FOREIGN KEY (RegistrationNumber) REFERENCES student(RegistrationNumber)
            );
```

Table: library

```sql
CREATE TABLE library(
                RegistrationNumber NUMBER(7),
                BookCode VARCHAR2(10),
                DateOfIssue DATE,
                DateOfReturn DATE,
                Fine NUMBER(5,2),
                FOREIGN KEY (RegistrationNumber)
                    REFERENCES student(RegistrationNumber),
                PRIMARY KEY(RegistrationNumber,BookCode,DateOfIssue)
                );
```

Table: doctor

```sql
CREATE TABLE doctor(
                DoctorID NUMBER(7) PRIMARY KEY,
                Name VARCHAR2(40),
                MobileNumber NUMBER(12)
                );
```

Table: dispensary

```sql
CREATE TABLE dispensary(
                RegistrationNumber NUMBER(7),
                OpNumber NUMBER(10),
                BloodGroup VARCHAR2(5),
                AdmissionDate DATE,
                Time VARCHAR2(10),
                DoctorID NUMBER(7),
                prescription VARCHAR2(100),
                FOREIGN KEY (DoctorID) REFERENCES doctor(DoctorID),
                FOREIGN KEY (RegistrationNumber)
                    REFERENCES student(RegistrationNumber),
                PRIMARY KEY (RegistrationNumber,OpNumber,AdmissionDate)
                );
```

Table: studentsemresults

```sql
CREATE TABLE studentsemresults(
                RegistrationNumber NUMBER(7),
                SemesterNumber NUMBER(1),
                SemesterGPA NUMBER(3,2),
                CumulativeGPA NUMBER(3,2),
                FOREIGN KEY (RegistrationNumber)
                    REFERENCES student(RegistrationNumber),
                PRIMARY KEY (RegistrationNumber,SemesterNumber)
                );
```

Table: results

```sql
CREATE TABLE results(
                RegistrationNumber NUMBER(7),
                CourseID NUMBER(6),
                PointsObtained NUMBER(2),
                FOREIGN KEY (CourseID) REFERENCES courses(CourseID),
                FOREIGN KEY (RegistrationNumber)
                    REFERENCES student(RegistrationNumber),
                PRIMARY KEY(RegistrationNumber,CourseID)
                );
```

Table: registeredfor

```sql
CREATE TABLE registeredfor(
                RegistrationNumber NUMBER(7),
                CourseID NUMBER(6),
                SemesterNumber NUMBER(1),
                FOREIGN KEY (RegistrationNumber)
                    REFERENCES student(RegistrationNumber),
                FOREIGN KEY (CourseID) REFERENCES courses(CourseID),
                PRIMARY KEY(RegistrationNumber,CourseID)
                );
```

Table: **mess**

INSERT INTO mess(MessID,MessName,Contact,item1,item2,item3,item4)VALUES(41021,'IFA-A',7849561230,'Puri','Aloo Curry','Chole Curry',null);

INSERT INTO mess(MessID,MessName,Contact,item1,item2,item3,item4)VALUES(41022,'IFA-B',8459761238,'Tomato Upma','Poha','Pav Bhaji','Egg');

INSERT INTO mess(MessID,MessName,Contact,item1,item2,item3,item4)VALUES(41023,'IFA-C',9478561230,'Plain Parata','Aloo Curry','Maggi Noodles','Tomato Sauce');

INSERT INTO mess(MessID,MessName,Contact,item1,item2,item3,item4)VALUES(41024,'Mess1',8475916234,'Masala Dosa','Chutney',null,null);

INSERT INTO mess(MessID,MessName,Contact,item1,item2,item3,item4)VALUES(41025,'Mess2',7849561785,'Idli','Vada','Sambar','Chutney');

INSERT INTO mess(MessID,MessName,Contact,item1,item2,item3,item4)VALUES(41026,'Mess3',9847561232,'Aloo Parata','Ajwain','Tomato Chutney','Curd');

Table: **hostel**

INSERT INTO hostel(HostelID,HostelName,HostelIncharge,Address,Contact,MessID)VALUES(10145,'Ultra Mega Hostels','Mahesh','Near IFC-A',9857641230,41021);

INSERT INTO hostel(HostelID,HostelName,HostelIncharge,Address,Contact,MessID)VALUES(10146,'1K Hall of Residence','Tarak','Near IFC-C',7849568751,41022);

INSERT INTO hostel(HostelID,HostelName,HostelIncharge,Address,Contact,MessID)VALUES(10147,'International Hostel','Arjun','Behind Chemical Department',7894785962,41024);

INSERT INTO hostel(HostelID,HostelName,HostelIncharge,Address,Contact,MessID)VALUE

S(10148,'Priyadharshini Hall','Kalyani','InFront of Main Gate',7895461278,41023);

INSERT INTO hostel(HostelID,HostelName,HostelIncharge,Address,Contact,MessID)VALUES(10149,'Sarojini Hall','Pooja','InFront of Time Square',9875461237,41025);

INSERT INTO hostel(HostelID,HostelName,HostelIncharge,Address,Contact,MessID)VALUES(10150,'VikramSarabhai Hall','Vijay','Behind Stadium',7895789687,41022);

INSERT INTO hostel(HostelID,HostelName,HostelIncharge,Address,Contact,MessID)VALUES(10151,'RajendraPrasad Hall','Sandeep','Near Post Office',9875689569,41026);

INSERT INTO hostel(HostelID,HostelName,HostelIncharge,Address,Contact,MessID)VALUES(10152,'Tagore Hall','Naveen','Beside Dispensary',9857848956,41021);

Table: sportsdetails

INSERT INTO sportsdetails(SportsID,SportsName,SportIncharge,Contact)VALUES(107,'BasketBall','Ravi Kumar',7895687956);

INSERT INTO sportsdetails(SportsID,SportsName,SportIncharge,Contact)VALUES(118,'Badminton','Suresh',7589641236);

INSERT INTO sportsdetails(SportsID,SportsName,SportIncharge,Contact)VALUES(110,'Cricket','Ramesh',8457961230);

INSERT INTO sportsdetails(SportsID,SportsName,SportIncharge,Contact)VALUES(112,'Volley Ball','Dharma',7859647859);

INSERT INTO sportsdetails(SportsID,SportsName,SportIncharge,Contact)VALUES(145,'Foot Ball','Rohit',9856985698);

INSERT INTO sportsdetails(SportsID,SportsName,SportIncharge,Contact)VALUES(101,'Hockey','Kattapa',7859686957);

INSERT INTO
sportsdetails(SportsID,SportsName,SportIncharge,Contact)VALUES(175,'Tenn
is','Kattapa',7859875748);

INSERT INTO
department(DepartmentID,Name,HOD,ContactNumber,EmailID)VALUES(101
,'Computer Science And Engineering','Dr P Radha
Krishna',7859648962,'csenitw@nitw.ac.in');

INSERT INTO
department(DepartmentID,Name,HOD,ContactNumber,EmailID)VALUES(201
,'Electronics and Communication Engineering','Dr ANJANEYULU
L',8759462358,'ecenitw@nitw.ac.in');

INSERT INTO
department(DepartmentID,Name,HOD,ContactNumber,EmailID)VALUES(301
,'Electrical and Electronics Engineering','Dr SAILAJA KUMARI
M',8957475894,'eenitw@nitw.ac.in');

INSERT INTO
department(DepartmentID,Name,HOD,ContactNumber,EmailID)VALUES(401
,'Mechanical Engineering','Dr Adepu
Kumar',7859456758,'menitw@nitw.ac.in');

INSERT INTO
department(DepartmentID,Name,HOD,ContactNumber,EmailID)VALUES(501
,'Civil Engineering','Dr P RATHISH
KUMAR',7989498288,'cenitw@nitw.ac.in');

INSERT INTO
department(DepartmentID,Name,HOD,ContactNumber,EmailID)VALUES(601
,'Chemical Engineering','Dr Surananai
Srinath',8748181718,'chenitw@nitw.ac.in');

INSERT INTO
department(DepartmentID,Name,HOD,ContactNumber,EmailID)VALUES(701
,'Materials and Metallurgical Engineering','Dr ASIT KUMAR
KHANRA',7181198198,'mmenitw@nitw.ac.in');

INSERT INTO
department(DepartmentID,Name,HOD,ContactNumber,EmailID)VALUES(801

,'BioTechnological Engineering','Dr R Satish Babu',9841161818,'btenitw@nitw.ac.in');

Table: student

INSERT INTO student(RegistrationNumber,Name,Year,Section,EmailID,PhoneNumber,DepartmentID,HostelID,RoomNumber)VALUES(821943,'Manoj Kumer Reddy P',2,'B','peta_821943@student.nitw.ac.in',8688522956,101,10145,'A2-53');

INSERT INTO student(RegistrationNumber,Name,Year,Section,EmailID,PhoneNumber,DepartmentID,HostelID,RoomNumber)VALUES(811913,'Sudireddy Dinesh Reddy',2,'B','dinesh_811913@student.nitw.ac.in',7702384122,101,10145,'B0-04');

INSERT INTO student(RegistrationNumber,Name,Year,Section,EmailID,PhoneNumber,DepartmentID,HostelID,RoomNumber)VALUES(821907,'Laksmi Prashanth Gatram',2,'A','gatram_821907@student.nitw.ac.in',7396579314,101,10145,'A0-07');

INSERT INTO student(RegistrationNumber,Name,Year,Section,EmailID,PhoneNumber,DepartmentID,HostelID,RoomNumber)VALUES(811905,'Rayana Naveen',2,'A','rayana_811905@student.nitw.ac.in',8074291732,201,10145,'A0-05');

INSERT INTO student(RegistrationNumber,Name,Year,Section,EmailID,PhoneNumber,DepartmentID,HostelID,RoomNumber)VALUES(811909,'Are RamaKrishna Reddy',2,'B','ramakrishna_811909@student.nitw.ac.in',8688925993,101,10145,'A0-03');

INSERT INTO student(RegistrationNumber,Name,Year,Section,EmailID,PhoneNumber,DepartmentID,HostelID,RoomNumber)VALUES(811916,'ANISH POLUDASU',2,'B','poludasu_811916@student.nitw.ac.in',7702778019,401,10145,'B0-30');

INSERT INTO student(RegistrationNumber,Name,Year,Section,EmailID,PhoneNumber,DepartmentID,HostelID,RoomNumber)VALUES(821946,'RACHAMALLA VAMSHI

KISHORE',2,'A','rachamalla_821946@student.nitw.ac.in',9963601982,401,101
45,'B2-49');

INSERT INTO
student(RegistrationNumber,Name,Year,Section,EmailID,PhoneNumber,Depart
mentID,HostelID,RoomNumber)VALUES(811966,'Sai Bharath Reddy
Lingala',2,'B','sai_bharath_811916@student.nitw.ac.in',8555021723,101,10145,'
B1-47');

INSERT INTO
student(RegistrationNumber,Name,Year,Section,EmailID,PhoneNumber,Depart
mentID,HostelID,RoomNumber)VALUES(821945,'Asam Samba Siva
Reddy',2, 'A','asam_821945@student.nitw.ac.in',8106570468,101,10145,'A2-
53');

INSERT INTO
student(RegistrationNumber,Name,Year,Section,EmailID,PhoneNumber,Depart
mentID,HostelID,RoomNumber)VALUES(821934,'Mendu Rishika
Reddy',2,'B','mendu_821934@student.nitw.ac.in',7093880980,401,10148,'C3-
04');

INSERT INTO
student(RegistrationNumber,Name,Year,Section,EmailID,PhoneNumber,Depart
mentID,HostelID,RoomNumber)VALUES(871918,'Gaddam Rithvija
Reddy',2,'A','gaddam_871918@student.nitw.ac.in',8341949494,801,10148,'C1-
42');

INSERT INTO
student(RegistrationNumber,Name,Year,Section,EmailID,PhoneNumber,Depart
mentID,HostelID,RoomNumber)VALUES(911935,'Varkolu
Hemanth',2,'A','varkolu_911935@student.nitw.ac.in',7013112151,301,10146,'A
1-46');

INSERT INTO
student(RegistrationNumber,Name,Year,Section,EmailID,PhoneNumber,Depart
mentID,HostelID,RoomNumber)VALUES(911962,'Ravikala
Namratha',2,'C','ravikala_911962@student.nitw.ac.in',9490258031,301,10148,'
C1-45');

INSERT INTO
student(RegistrationNumber,Name,Year,Section,EmailID,PhoneNumber,Depart
mentID,HostelID,RoomNumber)VALUES(931954,'Pavan
Musthala',2,'C','pavan_931954@student.nitw.ac.in',9995556663,801,10145,'B2-
11');

INSERT INTO
student(RegistrationNumber,Name,Year,Section,EmailID,PhoneNumber,Depart
mentID,HostelID,RoomNumber)VALUES(871928,'Chandana
sinderikeri',2,'B','sinderikeri@student.nitw.ac.in',9676271501,101,10148,'D0-
14');

Table: plays

INSERT INTO
plays(RegistrationNumber,SportsID,TypeOfPlayer)VALUES(811913,118,'AD
VANCED');

INSERT INTO
plays(RegistrationNumber,SportsID,TypeOfPlayer)VALUES(821907,145,'SEN
IOR');

INSERT INTO
plays(RegistrationNumber,SportsID,TypeOfPlayer)VALUES(821943,107,'BEG
INNER');

INSERT INTO
plays(RegistrationNumber,SportsID,TypeOfPlayer)VALUES(821934,107,'AD
VANCED');

INSERT INTO
plays(RegistrationNumber,SportsID,TypeOfPlayer)VALUES(811916,110,'AD
VANCED');

INSERT INTO
plays(RegistrationNumber,SportsID,TypeOfPlayer)VALUES(811916,175,'AD
VANCED');

INSERT INTO
plays(RegistrationNumber,SportsID,TypeOfPlayer)VALUES(821943,101,'ME
DIUM');

INSERT INTO
plays(RegistrationNumber,SportsID,TypeOfPlayer)VALUES(821943,175,'AD
VANCED');

INSERT INTO
plays(RegistrationNumber,SportsID,TypeOfPlayer)VALUES(811916,145,'AD
VANCED');

Table: library

INSERT INTO library(RegistrationNumber,BookCode,DateOfIssue,DateOfReturn,Fine)VALUES(811913,'CS-1045','13-Jan-2020','15-MAY-2021',0);

INSERT INTO library(RegistrationNumber,BookCode,DateOfIssue,DateOfReturn,Fine)VALUES(821943,'EC-1035','12-MAY-2019','15-JAN-2020',10);

INSERT INTO library(RegistrationNumber,BookCode,DateOfIssue,DateOfReturn,Fine)VALUES(821934,'VS-2212','01-JAN-2021','15-JAN-2021',0);

INSERT INTO library(RegistrationNumber,BookCode,DateOfIssue,DateOfReturn,Fine)VALUES(821907,'MJ-8594','30-JAN-2021','26-FEB-2021',54.85);

INSERT INTO library(RegistrationNumber,BookCode,DateOfIssue,DateOfReturn,Fine)VALUES(811916,'TS-1081','11-FEB-2021','15-FEB-2021',0);

INSERT INTO library(RegistrationNumber,BookCode,DateOfIssue,DateOfReturn,Fine)VALUES(811913,'YT-9758','16-SEP-2020','18-MAR-2021',0);

INSERT INTO library(RegistrationNumber,BookCode,DateOfIssue,DateOfReturn,Fine)VALUES(821943,'LM-4589','14-FEB-2021','28-FEB-2021',50);

INSERT INTO library(RegistrationNumber,BookCode,DateOfIssue,DateOfReturn,Fine)VALUES(871928,'MH-8954','14-FEB-2021','25-MAR-2021',85.32);

INSERT INTO library(RegistrationNumber,BookCode,DateOfIssue,DateOfReturn,Fine)VALUES(931954,'EC-4356','08-MAY-2020','21-JAN-2021',65);

INSERT INTO library(RegistrationNumber,BookCode,DateOfIssue,DateOfReturn,Fine)VALUES(821943,'BS-1051','12-JAN-2021','15-JUL-2021',10);

INSERT INTO library(RegistrationNumber,BookCode,DateOfIssue,DateOfReturn,Fine)VALUES(821945,'EC-4352','12-AUG-2020','23-DEC-2020',15);

Table: doctor

INSERT INTO
doctor(DoctorID,Name,MobileNumber)VALUES(5784916,'Abraham',78594624
63);

INSERT INTO
doctor(DoctorID,Name,MobileNumber)VALUES(5784917,'Harish',7859648596);

INSERT INTO
doctor(DoctorID,Name,MobileNumber)VALUES(5784918,'Kalyan',7849561235);

INSERT INTO
doctor(DoctorID,Name,MobileNumber)VALUES(5784919,'Rajesh',8796579466);

INSERT INTO
doctor(DoctorID,Name,MobileNumber)VALUES(5784920,'Suresh',7859468545);

Table: dispensary

INSERT INTO
dispensary(RegistrationNumber,OpNumber,BloodGroup,AdmissionDate,Time,
prescription,DoctorID)VALUES(821946,8415,'A+ve','12-JAN-2021','10:40
AM','2-PARACETMOL,2-COLPOL',5784916);

INSERT INTO
dispensary(RegistrationNumber,OpNumber,BloodGroup,AdmissionDate,Time,
prescription,DoctorID)VALUES(811909,8485,'B+ve','18-FEB-2021','12:50
PM','DOXYCYCLIN,AZITHROMYCIN',5784917);

INSERT INTO
dispensary(RegistrationNumber,OpNumber,BloodGroup,AdmissionDate,Time,
prescription,DoctorID)VALUES(911935,7496,'AB-ve','19-MAR-2021','05:30
AM','VITAMIN-C,ZINCOVIT,PARACETMOL',5784920);

INSERT INTO
dispensary(RegistrationNumber,OpNumber,BloodGroup,AdmissionDate,Time,
prescription,DoctorID)VALUES(931954,6957,'O+ve','10-JUNE-2021','05:00
AM','2-COLPOL,AZITHROMYCIN,ZINCOVIT',5784918);

INSERT INTO
dispensary(RegistrationNumber,OpNumber,BloodGroup,AdmissionDate,Time,
prescription,DoctorID)VALUES(911935,5973,'O-ve','18-FEB-2021','12:00
PM','AMOXYCYCLIN,D-VITAMIN,PANTOP-40,VOLMIZESTCH-
40',5784919);

INSERT INTO
dispensary(RegistrationNumber,OpNumber,BloodGroup,AdmissionDate,Time,
prescription,DoctorID)VALUES(871928,4412,'O-VE','03-APR-2021','02:30
PM','VELOTISE,DOLO-650',5784920);

INSERT INTO
dispensary(RegistrationNumber,OpNumber,BloodGroup,AdmissionDate,Time,
prescription,DoctorID)VALUES(821946,5515,'O+ve','01-APR-2021','01:30
PM','CIPLA,PARACETMOL',5784918);

INSERT INTO
dispensary(RegistrationNumber,OpNumber,BloodGroup,AdmissionDate,Time,
prescription,DoctorID)VALUES(811916,8425,'O+ve','18-JUN-2020','11:20
AM','DOLO-650,COLD-ACT',5784918);

Table: courses

INSERT INTO
courses(CourseID,CourseName,NumberOfCredits)VALUES(1011,'Data
Structures and Algorithms',4);

INSERT INTO
courses(CourseID,CourseName,NumberOfCredits)VALUES(1012,'DESIGN,A
NALYSIS OF ALGORITHMS',3);

INSERT INTO
courses(CourseID,CourseName,NumberOfCredits)VALUES(1013,'COMPUTE
R ARCHITECTURE',3);

INSERT INTO
courses(CourseID,CourseName,NumberOfCredits)VALUES(1014,'DATABAS
E MANAGEMENT SYSTEMS',4);

INSERT INTO
courses(CourseID,CourseName,NumberOfCredits)VALUES(1015,'OBJECT
ORIENTED PROGRAMMING',3);

```sql
INSERT INTO
courses(CourseID,CourseName,NumberOfCredits)VALUES(2011,'Control
System Engineering',3);

INSERT INTO
courses(CourseID,CourseName,NumberOfCredits)VALUES(2012,'Transmissio
n Lines, EM waves',3);

INSERT INTO
courses(CourseID,CourseName,NumberOfCredits)VALUES(2013,'Electronic
Devices,Circuits',4);

INSERT INTO
courses(CourseID,CourseName,NumberOfCredits)VALUES(3011,'Electrical
Instrumentation',3);

INSERT INTO
courses(CourseID,CourseName,NumberOfCredits)VALUES(3012,'Circuit
Theory',3);

INSERT INTO
courses(CourseID,CourseName,NumberOfCredits)VALUES(3013,'Analog
Electronics',3);

INSERT INTO
courses(CourseID,CourseName,NumberOfCredits)VALUES(4011,'Numerical
Statistical Methods',3);

INSERT INTO
courses(CourseID,CourseName,NumberOfCredits)VALUES(4012,'Dynamics
of Machinery',4);

INSERT INTO
courses(CourseID,CourseName,NumberOfCredits)VALUES(4013,'Turbomachi
nes',3);

INSERT INTO
courses(CourseID,CourseName,NumberOfCredits)VALUES(8011,'BIOSENSO
RS',3);

INSERT INTO
courses(CourseID,CourseName,NumberOfCredits)VALUES(8012,'Mathematic
s-4',3);
```

INSERT INTO
courses(CourseID,CourseName,NumberOfCredits)VALUES(8013,'GREEN
TECHNOLOGY',3);

Table: registeredfor

INSERT INTO
registeredfor(RegistrationNumber,CourseID,SemesterNumber)VALUES(81191
3,1011,3);

INSERT INTO
registeredfor(RegistrationNumber,CourseID,SemesterNumber)VALUES(81191
3,1012,4);

INSERT INTO
registeredfor(RegistrationNumber,CourseID,SemesterNumber)VALUES(82190
7,1011,3);

INSERT INTO
registeredfor(RegistrationNumber,CourseID,SemesterNumber)VALUES(82194
3,1011,3);

INSERT INTO
registeredfor(RegistrationNumber,CourseID,SemesterNumber)VALUES(82194
3,1015,4);

INSERT INTO
registeredfor(RegistrationNumber,CourseID,SemesterNumber)VALUES(82190
7,1014,4);

INSERT INTO
registeredfor(RegistrationNumber,CourseID,SemesterNumber)VALUES(82194
6,4011,3);

INSERT INTO
registeredfor(RegistrationNumber,CourseID,SemesterNumber)VALUES(82194
6,4012,4);

INSERT INTO
registeredfor(RegistrationNumber,CourseID,SemesterNumber)VALUES(81190
9,1011,4);

INSERT INTO
registeredfor(RegistrationNumber,CourseID,SemesterNumber)VALUES(811909,1013,3);

INSERT INTO
registeredfor(RegistrationNumber,CourseID,SemesterNumber)VALUES(811905,2011,4);

INSERT INTO
registeredfor(RegistrationNumber,CourseID,SemesterNumber)VALUES(811905,2013,3);

INSERT INTO
registeredfor(RegistrationNumber,CourseID,SemesterNumber)VALUES(911962,3013,3);

INSERT INTO
registeredfor(RegistrationNumber,CourseID,SemesterNumber)VALUES(911962,3012,4);

INSERT INTO
registeredfor(RegistrationNumber,CourseID,SemesterNumber)VALUES(931954,8011,3);

INSERT INTO
registeredfor(RegistrationNumber,CourseID,SemesterNumber)VALUES(931954,8013,3);

Table: results

INSERT INTO
results(RegistrationNumber,CourseID,PointsObtained)VALUES(811913,1011,10);

INSERT INTO
results(RegistrationNumber,CourseID,PointsObtained)VALUES(811913,1012,10);

INSERT INTO
results(RegistrationNumber,CourseID,PointsObtained)VALUES(821907,1011,10);

```sql
INSERT INTO
results(RegistrationNumber,CourseID,PointsObtained)VALUES(821943,1011,
9);

INSERT INTO
results(RegistrationNumber,CourseID,PointsObtained)VALUES(821943,1015,
9);

INSERT INTO
results(RegistrationNumber,CourseID,PointsObtained)VALUES(821907,1014,
9);

INSERT INTO
results(RegistrationNumber,CourseID,PointsObtained)VALUES(821946,4011,
7);

INSERT INTO
results(RegistrationNumber,CourseID,PointsObtained)VALUES(821946,4012,
8);

INSERT INTO
results(RegistrationNumber,CourseID,PointsObtained)VALUES(811909,1011,
9);

INSERT INTO
results(RegistrationNumber,CourseID,PointsObtained)VALUES(811909,1013,
7);

INSERT INTO
results(RegistrationNumber,CourseID,PointsObtained)VALUES(811905,2011,
8);

INSERT INTO
results(RegistrationNumber,CourseID,PointsObtained)VALUES(811905,2013,
9);

INSERT INTO
results(RegistrationNumber,CourseID,PointsObtained)VALUES(911962,3013,
10);

INSERT INTO
results(RegistrationNumber,CourseID,PointsObtained)VALUES(911962,3012,
8);
```

INSERT INTO results(RegistrationNumber,CourseID,PointsObtained)VALUES(931954,8011, 9);

INSERT INTO results(RegistrationNumber,CourseID,PointsObtained)VALUES(931954,8013, 7);

Table: studentsemresults

INSERT INTO studentsemresults(RegistrationNumber,SemesterNumber,SemesterGPA,CumulativeGPA)VALUES(821943,2,9.91,9.45);

INSERT INTO studentsemresults(RegistrationNumber,SemesterNumber,SemesterGPA,CumulativeGPA)VALUES(821907,2,9.92,9.56);

INSERT INTO studentsemresults(RegistrationNumber,SemesterNumber,SemesterGPA,CumulativeGPA)VALUES(811909,2,9.65,9.36);

INSERT INTO studentsemresults(RegistrationNumber,SemesterNumber,SemesterGPA,CumulativeGPA)VALUES(821943,3,9.45,9.25);

INSERT INTO studentsemresults(RegistrationNumber,SemesterNumber,SemesterGPA,CumulativeGPA)VALUES(811913,2,9.35,9.17);

INSERT INTO studentsemresults(RegistrationNumber,SemesterNumber,SemesterGPA,CumulativeGPA)VALUES(821907,3,9.25,9.65);

INSERT INTO studentsemresults(RegistrationNumber,SemesterNumber,SemesterGPA,CumulativeGPA)VALUES(811916,2,9.57,9.35);

INSERT INTO studentsemresults(RegistrationNumber,SemesterNumber,SemesterGPA,CumulativeGPA)VALUES(931954,3,8.35,8.27);

INSERT INTO
studentsemresults(RegistrationNumber,SemesterNumber,SemesterGPA,Cumula
tiveGPA)VALUES(911962,2,9.25,9.17);

INSERT INTO
studentsemresults(RegistrationNumber,SemesterNumber,SemesterGPA,Cumula
tiveGPA)VALUES(821946,2,8.57,9.56);

INSERT INTO
studentsemresults(RegistrationNumber,SemesterNumber,SemesterGPA,Cumula
tiveGPA)VALUES(821946,3,9.25,9.62);

INSERT INTO
studentsemresults(RegistrationNumber,SemesterNumber,SemesterGPA,Cumula
tiveGPA)VALUES(821907,4,9.16,9.06);

INSERT INTO
studentsemresults(RegistrationNumber,SemesterNumber,SemesterGPA,Cumula
tiveGPA)VALUES(821934,2,9.06,9.00);

INSERT INTO
studentsemresults(RegistrationNumber,SemesterNumber,SemesterGPA,Cumula
tiveGPA)VALUES(811905,3,9.13,9.10);

INSERT INTO
studentsemresults(RegistrationNumber,SemesterNumber,SemesterGPA,Cumula
tiveGPA)VALUES(821945,2,9.09,9.00);

Table: faculty

INSERT INTO
faculty(FacultyID,DepartmentID,Name,MobileNumber,AreasOfInterest,Design
ation,EmailID)VALUES(10111,101,'Dr. K.
RAMESH',8702462712,'Architectures and Coding infrastructures in Computer
Networks, Service-oriented, Distributed','Associate
Professor','srirameesh@yahoo.com');

INSERT INTO
faculty(FacultyID,DepartmentID,Name,MobileNumber,AreasOfInterest,Design
ation,EmailID)VALUES(10112,101,'Dr. P. Venkata Subba
Reddy',8332969417,'Algorithms and Graph Theory','Assistant
Professor','pvsr@nitw.ac.in');

```sql
INSERT INTO
faculty(FacultyID,DepartmentID,Name,MobileNumber,AreasOfInterest,Designation,EmailID)VALUES(10113,101,'Dr. R. PADMAVATHY',8702468738,'Cryptanalysis and Network Security','Associate Professor','rpadma@nitw.ac.in');

INSERT INTO
faculty(FacultyID,DepartmentID,Name,MobileNumber,AreasOfInterest,Designation,EmailID)VALUES(10114,101,'Dr. T RAMAKRISHNUDU',9866876842,'Data mining-Association rule mining, Distributed data mining., Big Data Analytics, Web Mining','Assistant Professor','trk@nitw.ac.in');

INSERT INTO
faculty(FacultyID,DepartmentID,Name,MobileNumber,AreasOfInterest,Designation,EmailID)VALUES(10115,101,'Dr. Sujit Das',9434588993,'Fuzzy Set; Hybridized Fuzzy Soft Set; Uncertain Decision Making','Assistant Professor','sujit.das@nitw.ac.in');

INSERT INTO
faculty(FacultyID,DepartmentID,Name,MobileNumber,AreasOfInterest,Designation,EmailID)VALUES(20111,201,'Dr . Mrs. VAKULA D',8332969362,'Antenna Arrays, Multi-function Antennas, Ultra Wide Band Antennas','Associate Professor','vakula@nitw.ac.in');

INSERT INTO
faculty(FacultyID,DepartmentID,Name,MobileNumber,AreasOfInterest,Designation,EmailID)VALUES(20112,201,'Dr. V. RAMA',9440762744,'Bio-Medical Signal Processing; Bio Medical Instrumentation; Artificial Neural Networks','Assistant Professor','vr.nitw@gmail.com');

INSERT INTO
faculty(FacultyID,DepartmentID,Name,MobileNumber,AreasOfInterest,Designation,EmailID)VALUES(20113,201,'SRI. SARANGAM K',8702462445,'Design and implementation of universal filter using differential voltage','Assistant Professor','sarangam_7@nitw.ac.in');

INSERT INTO
faculty(FacultyID,DepartmentID,Name,MobileNumber,AreasOfInterest,Designation,EmailID)VALUES(20114,201,'Vadthiya Narendar',9795235922,'Beyond CMOS, Nanoscale device design and modeling, Modeling and simulation of semiconductor devices','Assistant Professor','narendarv@nitw.ac.in');
```

INSERT INTO faculty(FacultyID,DepartmentID,Name,MobileNumber,AreasOfInterest,Designation,EmailID)VALUES(30111,301,'Narasimharaju B. L',8702462247,'LED Drivers for Lighting Systems,Grid integration of solar energy ','Associate Professor','blnraju@nitw.ac.in');

INSERT INTO faculty(FacultyID,DepartmentID,Name,MobileNumber,AreasOfInterest,Designation,EmailID)VALUES(30112,301,'Dr. BHOOKYA NAGU',8332969287,'Solar PV , Fuel Cell , Wind Power,HVDC and AI Techniques','Assistant Professor','nagubhukya@nitw.ac.in');

INSERT INTO faculty(FacultyID,DepartmentID,Name,MobileNumber,AreasOfInterest,Designation,EmailID)VALUES(40111,401,'Dr. JOSEPH DAVIDSON M',8332969324,' Metal Forming, CAD/CAM','Associate Professor','mjdavidson2001@yahoo.co.in');

INSERT INTO faculty(FacultyID,DepartmentID,Name,MobileNumber,AreasOfInterest,Designation,EmailID)VALUES(40112,401,'Dr P Vamsi Krishna',9440843609,'Application of solid lubricants in machining process','Associate Professor','vamsikrishna@nitw.ac.in');

INSERT INTO faculty(FacultyID,DepartmentID,Name,MobileNumber,AreasOfInterest,Designation,EmailID)VALUES(80111,801,'Rathnaprabha D',9494668822,'Biotechnology, Plant Biotechnology(Various types Tissue Cultures) and Molecular biology','Assistant Professor','rathnaprabhad@nitw.ac.in');

INSERT INTO faculty(FacultyID,DepartmentID,Name,MobileNumber,AreasOfInterest,Designation,EmailID)VALUES(80112,801,'Dr. Priya',8749561334,'BioTechnology,Molecular biology','Assistant Professor','priya@nitw.ac.in');

Table: teaches

INSERT INTO teaches(FacultyID,CourseID)VALUES(10111,1011);

INSERT INTO teaches(FacultyID,CourseID)VALUES(10112,1012);

INSERT INTO teaches(FacultyID,CourseID)VALUES(10113,1013);

INSERT INTO teaches(FacultyID,CourseID)VALUES(10114,1014);

INSERT INTO teaches(FacultyID,CourseID)VALUES(10115,1015);

INSERT INTO teaches(FacultyID,CourseID)VALUES(20111,2011);

INSERT INTO teaches(FacultyID,CourseID)VALUES(20112,2012);

INSERT INTO teaches(FacultyID,CourseID)VALUES(20113,2013);

INSERT INTO teaches(FacultyID,CourseID)VALUES(30111,3011);

INSERT INTO teaches(FacultyID,CourseID)VALUES(30112,3012);

INSERT INTO teaches(FacultyID,CourseID)VALUES(40111,4011);

INSERT INTO teaches(FacultyID,CourseID)VALUES(40112,4012);

INSERT INTO teaches(FacultyID,CourseID)VALUES(80111,8011);

INSERT INTO teaches(FacultyID,CourseID)VALUES(80112,8012);

Displaying Tables:

Table: mess

SELECT * FROM mess;

	MESSID	MESSNAME	CONTACT	ITEM1	ITEM2	ITEM3	ITEM4
1	41021	IFA-A	7849561230	Puri	Aloo Curry	Chole Curry	(null)
2	41022	IFA-B	8459761238	Tomato Upma	Poha	Pav Bhaji	Egg
3	41023	IFA-C	9478561230	Plain Parata	Aloo Curry	Maggi Noodles	Tomato Sauce
4	41024	Mess1	8475916234	Masala Dosa	Chutney	(null)	(null)
5	41025	Mess2	7849561785	Idli	Vada	Sambar	Chutney
6	41026	Mess3	9847561232	Aloo Parata	Ajwain	Tomato Chutney	Curd

Table: hostel

SELECT * FROM hostel;

	HOSTELID	HOSTELNAME	HOSTELINCHARGE	ADDRESS	CONTACT	MESSID
1	10145	Ultra Mega Hostels	Mahesh	Near IFC-A	9857641230	41021
2	10146	1K Hall of Residence	Tarak	Near IFC-C	7849568751	41022
3	10147	International Hostel	Arjun	Behind Chemical Department	7894785962	41024
4	10148	Priyadharshini Hall	Kalyani	InFront of Main Gate	7895461278	41023
5	10149	Sarojini Hall	Pooja	InFront of Time Square	9875461237	41025
6	10150	VikramSarabhai Hall	Vijay	Behind Stadium	7895789687	41022
7	10151	RajendraPrasad Hall	Sandeep	Near Post Office	9875689569	41026
8	10152	Tagore Hall	Naveen	Beside Dispensary	9857848956	41021

Table: sportsdetails

SELECT * FROM sportsdetails;

	SPORTSID	SPORTSNAME	SPORTINCHARGE	CONTACT
1	107	BasketBall	Ravi Kumar	7895687956
2	118	Badminton	Suresh	7589641236
3	110	Cricket	Ramesh	8457961230
4	112	Volley Ball	Dharma	7859647859
5	145	FootBall	Rohit	9856985698
6	101	Hockey	Kattapa	7859686957
7	175	Tennis	Kattapa	7859875748

Table: department

SELECT * FROM department;

	DEPARTMENTID	NAME	HOD	CONTACTNUMBER	EMAILID
1	101	Computer Science And Engineering	Dr P Radha Krishna	7859648962	csenitw@nitw.ac.in
2	201	Electronics and Communication Engineering	Dr ANJANEYULU L	8759462358	ecenitw@nitw.ac.in
3	301	Electrical and Electronics Engineering	Dr SAILAJA KUMARI M	8957475894	eenitw@nitw.ac.in
4	401	Mechanical Engineering	Dr Adepu Kumar	7859456758	menitw@nitw.ac.in
5	501	Civil Engineering	Dr P RATHISH KUMAR	7989498288	cenitw@nitw.ac.in
6	601	Chemical Engineering	Dr Surananai Srinath	8748181718	chenitw@nitw.ac.in
7	701	Materials and Metallurgical Engineering	Dr ASIT KUMAR KHANRA	7181198198	mmenitw@nitw.ac.in
8	801	BioTechnological Engineering	Dr R Satish Babu	9841161818	btenitw@nitw.ac.in

Table: faculty

SELECT * FROM faculty;

	FACULTYID	DEPARTMENTID	NAME	MOBILENUMBER	AREASOFINTEREST	DESIGNATION
1	10111	101	Dr. K. RAMESH	8702462712	Architectures and Coding infrastructures in Computer Networks, Service-oriented, Distributed	Associate Professor
2	10112	101	Dr. P. Venkata Subba Reddy	8332969417	Algorithms and Graph Theory	Assistant Professor
3	10113	101	Dr. R. PADMAVATHY	8702468738	Cryptanalysis and Network Security	Associate Professor
4	40111	401	Dr. JOSEPH DAVIDSON M	8332969324	Metal Forming, CAD/CAM	Associate Professor
5	80111	801	Rathnaprabha D	9494668822	Biotechnology, Plant Biotechnology(Various types Tissue Cultures) and Molecular biology, R-DNA	Assistant Professor
6	10114	101	Dr. T RAMAKRISHNUDU	9866876842	Data mining-Association rule mining, Distributed data mining., Big Data Analytics, Web Mining	Assistant Professor
7	10115	101	Dr. Sujit Das	9434588993	Fuzzy Set; Hybridized Fuzzy Soft Set; Uncertain Decision Making	Assistant Professor
8	20111	201	Dr . Mrs. VAKULA D	8332969362	Antenna Arrays, Multi-function Antennas, Ultra Wide Band Antennas	Associate Professor
9	20113	201	SRI. SARANGAM K	8702462445	Design and implementation of universal filter using differential voltage	Assistant Professor
10	20114	201	Vadthiya Narendar	9795235922	Beyond CMOS, Nanoscale device design and modeling, Modeling and simulation of semiconductor devices	Assistant Professor
11	30111	301	Narasimharaju B. L	8702462247	LED Drivers for Lighting Systems,Grid integration of solar energy	Associate Professor
12	30112	301	Dr. BHOOKYA NAGU	8332969287	Solar PV , Fuel Cell , Wind Power,HVDC and AI Techniques	Assistant Professor
13	40112	401	Dr P Vamsi Krishna	9440843609	Application of solid lubricants in machining process	Associate Professor
14	80112	801	Dr. Priya	8749561334	BioTechnology,Molecular biology	Assistant Professor
15	20112	201	Dr. V. RAMA	9440762744	Bio-Medical Signal Processing; Bio Medical Instrumentation; Artificial Neural Networks	Assistant Professor

Table: courses

SELECT * FROM courses;

	COURSEID	COURSENAME	NUMBEROFCREDITS
1	1013	COMPUTER ARCHITECTURE	3
2	1014	DATABASE MANAGEMENT SYSTEMS	4
3	1015	OBJECT ORIENTED PROGRAMMING	3
4	2011	Control System Engineering	3
5	3012	Circuit Theory	3
6	3013	Analog Electronics	3
7	4012	Dynamics of Machinery	4
8	4013	Turbomachines	3
9	8011	BIOSENSORS	3
10	8012	Mathematics-4	3
11	8013	GREEN TECHNOLOGY	3
12	3011	Electrical Instrumentation	3
13	4011	Numerical Statistical Methods	3
14	2013	Electronic Devices,Circuits	4
15	1012	DESIGN,ANALYSIS OF ALGORITHMS	3
16	1011	Data Structures and Algorithms	4
17	2012	Transmission Lines, EM waves	3

Table: teaches

SELECT * FROM teaches;

	FACULTYID	COURSEID
1	10111	1011
2	10112	1012
3	10113	1013
4	10114	1014
5	10115	1015
6	20111	2011
7	20112	2012
8	20113	2013
9	30111	3011
10	30112	3012
11	40111	4011
12	40112	4012
13	80111	8011
14	80112	8012

Table: student

SELECT * FROM student;

	REGISTRATIONNUMBER	NAME	YEAR	SECTION	EMAILID	PHONENUMBER	DEPARTMENTID	HOSTELID	ROOMNUMBER
1	821943	Manoj Kumer Reddy P	2	B	peta_821943@student.nitw.ac.in	8688522956	101	10145	A2-53
2	811913	Sudireddy Dinesh Reddy	2	B	dinesh_811913@student.nitw.ac.in	7702384122	101	10145	B0-04
3	821907	Laksmi Prashanth Gatram	2	A	gatram_821907@student.nitw.ac.in	7396579314	101	10145	A0-07
4	811905	Rayana Naveen	2	A	rayana_811905@student.nitw.ac.in	8074291732	201	10145	A0-05
5	811909	Are RamaKrishna Reddy	2	B	ramakrishna_811909@student.nitw.ac.in	8688925993	101	10145	A0-03
6	811916	ANISH POLUDASU	2	B	poludasu_811916@student.nitw.ac.in	7702778019	401	10145	B0-30
7	821946	RACHAMALLA VAMSHI KISHORE	2	A	rachamalla_821946@student.nitw.ac.in	9963601982	401	10145	B2-49
8	811966	Sai Bharath Reddy Lingala	2	B	sai_bharath_811916@student.nitw.ac.in	8555021723	101	10145	B1-47
9	821934	Mendu Rishika Reddy	2	B	mendu_821934@student.nitw.ac.in	7093880980	401	10148	C3-04
10	871918	Gaddam Rithvija Reddy	2	A	gaddam_871918@student.nitw.ac.in	8341949494	801	10148	C1-42
11	911935	Varkolu Hemanth	2	A	varkolu_911935@student.nitw.ac.in	7013112151	301	10146	A1-46
12	911962	Ravikala Namratha	2	C	ravikala_911962@student.nitw.ac.in	9490258031	301	10148	C1-45
13	931954	Pavan Musthala	2	C	pavan_931954@student.nitw.ac.in	9995556663	801	10145	B2-11
14	871928	Chandana sinderikeri	2	B	sinderikeri@student.nitw.ac.in	9676271501	101	10148	D0-14
15	821945	Asam Samba Siva Reddy	2	A	asam_821945@student.nitw.ac.in	8106570468	101	10145	A2-53

Table: plays

SELECT * FROM plays;

	REGISTRATIONNUMBER	SPORTSID	TYPEOFPLAYER
1	811913	118	ADVANCED
2	821907	145	SENIOR
3	821943	107	BEGINNER
4	821934	107	ADVANCED
5	811916	110	ADVANCED
6	811916	175	ADVANCED
7	821943	101	MEDIUM
8	821943	175	ADVANCED
9	811916	145	ADVANCED
10	811913	118	ADVANCED
11	821907	145	SENIOR
12	821943	107	BEGINNER
13	821934	107	ADVANCED
14	811916	110	ADVANCED
15	811916	175	ADVANCED
16	821943	101	MEDIUM
17	821943	175	ADVANCED
18	811916	145	ADVANCED

Table: library

SELECT * FROM library;

	REGISTRATIONNUMBER	BOOKCODE	DATEOFISSUE	DATEOFRETURN	FINE
1	811913	CS-1045	13-JAN-20	15-MAY-21	0
2	821943	EC-1035	12-MAY-19	15-JAN-20	10
3	821934	VS-2212	01-JAN-21	15-JAN-21	0
4	821907	MJ-8594	30-JAN-21	26-FEB-21	54.85
5	811916	TS-1081	11-FEB-21	15-FEB-21	0
6	811913	YT-9758	16-SEP-20	18-MAR-21	0
7	821943	LM-4589	14-FEB-21	28-FEB-21	50
8	871928	MH-8954	14-FEB-21	25-MAR-21	85.32
9	931954	EC-4356	08-MAY-20	21-JAN-21	65
10	821943	BS-1051	12-JAN-21	15-JUL-21	10
11	821945	EC-4352	12-AUG-20	23-DEC-20	15

Table: doctor

SELECT * FROM doctor;

	DOCTORID	NAME	MOBILENUMBER
1	5784916	Abraham	7859462463
2	5784917	Harish	7859648596
3	5784918	Kalyan	7849561235
4	5784919	Rajesh	8796579466
5	5784920	Suresh	7859468545

Table: dispensary

SELECT * FROM dispensary;

	REGISTRATIONNUMBER	OPNUMBER	BLOODGROUP	ADMISSIONDATE	TIME	DOCTORID	PRESCRIPTION
1	821946	8415	A+ve	12-JAN-21	10:40 AM	5784916	2-PARACETMOL,2-COLPOL
2	931954	6957	O+ve	10-JUN-21	05:00 AM	5784918	2-COLPOL,AZITHROMYCIN,ZINCOVIT
3	911935	5973	O-ve	18-FEB-21	12:00 PM	5784919	AMOXYCYCLIN,D-VITAMIN,PANTOP-40,VOLMIZESTCH-40
4	871928	4412	O-VE	03-APR-21	02:30 PM	5784920	VELOTISE,DOLO-650
5	821946	5515	O+ve	01-APR-21	01:30 PM	5784918	CIPLA,PARACETMOL
6	811916	8425	O+ve	18-JUN-20	11:20 AM	5784918	DOLO-650,COLD-ACT
7	811909	8485	B+ve	18-FEB-21	12:50 PM	5784917	DOXYCYCLIN,AZITHROMYCIN
8	911935	7496	AB-ve	19-MAR-21	05:30 AM	5784920	VITAMIN-C,ZINCOVIT,PARACETMOL

Table: studentsemresults

SELECT * FROM studentsemresults;

	REGISTRATIONNUMBER	SEMESTERNUMBER	SEMESTERGPA	CUMULATIVEGPA
1	821943	2	9.91	9.45
2	821907	2	9.92	9.56
3	811909	2	9.65	9.36
4	821943	3	9.45	9.25
5	811913	2	9.35	9.17
6	821907	3	9.25	9.65
7	811916	2	9.57	9.35
8	931954	3	8.35	8.27
9	911962	2	9.25	9.17
10	821946	2	8.57	9.56
11	821946	3	9.25	9.62
12	821934	2	9.06	9
13	811905	3	9.13	9.1
14	821945	2	9.09	9
15	821907	4	9.16	9.06

Table: results

SELECT * FROM results;

	REGISTRATIONNUMBER	COURSEID	POINTSOBTAINED
1	811913	1011	10
2	811913	1012	10
3	821907	1011	10
4	821943	1011	9
5	821943	1015	9
6	821907	1014	9
7	821946	4011	7
8	821946	4012	8
9	811909	1011	9
10	811909	1013	7
11	811905	2011	8
12	811905	2013	9
13	911962	3013	10
14	911962	3012	8
15	931954	8011	9
16	931954	8013	7

Table: registeredfor

SELECT * FROM registeredfor;

	REGISTRATIONNUMBER	COURSEID	SEMESTERNUMBER
1	811913	1011	3
2	811913	1012	4
3	821907	1011	3
4	821943	1011	3
5	821943	1015	4
6	821907	1014	4
7	821946	4011	3
8	821946	4012	4
9	811909	1011	4
10	811909	1013	3
11	811905	2011	4
12	911962	3013	3
13	911962	3012	4
14	931954	8011	3
15	931954	8013	3
16	811905	2013	3