

SIES Graduate School of Technology

Department of Information Technology

Presents

5 days Hands on Training

on

Designing and Managing Databases

09 to 13 Dec 2019

(9.30 AM to 4.00 PM)

This student development program is meant to revise basics concepts of Database Management System and to design the relational model for a given problem. This program mimics the development of a “real” database by designing a conceptual model in the form of an Entity Relationship diagram and translating the conceptual model into a relational schema.

Objectives

- Revise basics of Database Management concepts.
- Implementing the relational schema in PostgreSQL.
- Populating the database.
- Querying and modifying the database by SQL statements.

Course Contents

Module 1: Fundamental Database Concepts, the Entity Relationship (ER) Model and EER model

Module 2: DDL and DML statements, Integrity constraints, Aggregation, Joins, Nesting of Queries.

Module 3: Views and Transaction Control Commands.

Module 4: Triggers, Stored procedures and functions.

Mini Project Implementation

Resource Persons:

1. Prof.Savita Lohiya
2. Prof. Saritha L.R.
3. Prof. Bushra Shaikh

Who Should Attend

Any students from SE,TE IT/CE- First come first serve (Seat available only for 20 students)

Registration Fees

Course Fees: FREE

(Cost of certificate will be applicable)

Contact for Registration

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