

# HKBK COLLEGE OF ENGINEERING

Department of Information Science & Engineering

## Report of Student Development Program Real Life Project on DBMS conducted 16<sup>th</sup> and 24<sup>th</sup> August 2019

**Student Development Program on DBMS Real Life Project** was conducted on 16<sup>th</sup> and 24<sup>th</sup> August 2019, for 3<sup>rd</sup> year, 5<sup>th</sup> semester students of Information Science and Engineering at ISE Seminar Hall.

**Objective of the SDP :** To make students Understand the basic concept of DBMS. The basic concept of Relational DBMS , Java,J2EE.

The training includes various stages as below:

1. Oracle Database 11g Software Installation on Windows System
2. Creating Database using Database Configuration Assistant(DBCA)
3. Configuring the network architecture setup for remote database connection using Network Configuration Assistant(NETCA).
4. Demonstrating the architecture of remote connection to database using sqlplus.
5. Helping students to understand the basic concept of user process and server process.
6. Helping them to understand the concept of locking mechanism on various database objects
7. Making the aware of physical and logical structure of database.
8. Basic SQL query.
9. Installing Eclipse,Apache tomcat.
10. Concept of Application server like apache tomcat.
11. How to add external jars to Eclipse IDE which is needed to make a connection to database with the help of tomcat server and SQLPLUS.
12. Giving the broad picture of deploying an application and connecting to database
13. Basic understanding of JSP page
14. Develop a JSP page to make a connection to database and do some DML operation
15. Develop a JSP page to do some specific search from database and display the data.

Program concluded thanking the Management, HOD of Information science and Engineering, Resource person, ISE Department Coordinators for their continuous support in making this program successful.

Resource person	Designation	Organization
Mr. Souvik Chowdhury	Senior Manager	Oracle , Bangalore

### Organizing Head:

Dr. A Syed Mustafa, HOD, ISE

### Coordinators:

1. Prof. Chandanita Chatterjee
2. Prof. Deepika Nair
3. Prof. Shagoufta Taskeen

**Relevance to PO's, PEO's and PSO's:** PO1, PO2, PO5, PEO2, PSO2



**GLIMPSES OF SDP :Real Life Project on DBMS**