



Jansons Institute of Technology

Karumathampatti, Coimbatore – 641 659
Approved by AICTE and Affiliated to Anna University
An ISO 9001:2015 certified institution

Department of Computer Science and Engineering

Industry Readiness Course - Syllabus

Oracle SQL and JDBC

2019 – 2020 ODD Semester

Course Objectives:

- To understand the basic queries.
- To know about the join operations.
- To learn connecting database with program.

Course Outcomes:

- To know about the basic query and its operations.
- To gain knowledge about implementing more than one queries.
- To access and to perform operations with the database through program.

Syllabus:

Module 1

Introduction

Introduction and need for Database Management System – Data Definition Language Create, Alter, Drop, Rename, Truncate Describe and Select with where clause – Data Manipulation Language – Insert, Delete, Update, Merge

Module 2

Group Operations

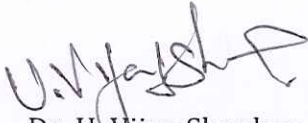
Constraints and SET Operators – Joins Inner, Outer, Self, Equi and Full Joins – Group Functions and the GROUP BY Clause Group Functions, Distinct Operator in Group Functions, GROUP BY, WITH Clause

Module 3

Database Connectivity

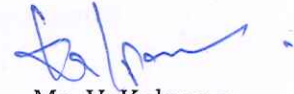
Sub queries, Views and Synonyms, PL/SQL – JDBC-ODBC Connectivity

Course Designed By



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