

TCET/FRM/IP-02/09					Revision: A		
Bridge Course Plan							
Semester: IV				Course: IT			
Subject: PL-SQL Programming Language				2 Lectures / Week		Class: SE IT B	
Sr. No.	Module No.	Lesson No.	Topics Planned (Technology to be used)	Teaching Aids Required	Planned /Completion Date	Resource Book Reference	Remarks
1.	Module 1	L 1.1	PL/SQL - Overview Review of Basic SQL Difference between SQL and PL/SQL Features of PL/SQL PL/SQL - Environment Setup	Power point presentation, Chalk & Board	21/01/2019	1,2	
2.		L 1.2	PL/SQL Introduction: Basic Syntax Data Types Variables Types & Scope in PL/SQL	Power point presentation, Chalk & Board		1,2	
3.		L 1.3	Basics of PL/SQL: Constants and Literals Operators	Power point presentation, Chalk & Board	28/01/2019	1,2	
4.	Module 2	L 2.1	PL/SQL – Control Structure & Loops IF - THEN statement IF-THEN-ELSE statement CASE Statement	Power point presentation, Chalk & Board	04/02/2019	1,2	
5.		L 2.2	Basic Loop Statement WHILE ,FOR LOOP Statement The Loop Control Statements	Power point presentation, Chalk & Board		1,2	
6.	Module 3	L 3.1	PL/SQL –Strings Functions and Operators Declaring String Variables	Power point presentation, Chalk &	11/02/2019	1,2	

				Board			
7.		L 3.2	PL/SQL – Arrays Creating a Varray Type	Power point presentation, Chalk & Board		1,2	
8.	Module 4	L 4.1	PL/SQL –standalone Procedures & - Functions Parts of a PL/SQL Subprogram Creating and deleting standalone Procedure Parameter Modes Methods for Passing Parameters	Power point presentation, Chalk & Board	18/02/2019	1,2	
9.		L 4.2	Creating and Calling a Function Recursive Functions	Power point presentation, Chalk & Board		1,2	
10.	Module 5	L 5.1	PL/SQL – Cursors Cursors Types Cursor Example	Power point presentation, Chalk & Board	11/03/2019	1,2	
11.		L 5.2	PL/SQL - Exceptions handling Defining exceptions User-defined Exceptions	Power point presentation, Chalk & Board	18/03/2019	1,2	
12.	Module 6	L 6.1	PL/SQL – Packages Package Specification Using the Package Elements	Power point presentation, Chalk & Board	25/03/2019	1,2	
Remark: Course:		Syllabus Coverage:					
No. of (lectures planned)/(lecture taken): 20 Hours							



Digital Reference:

1. <https://www.tutorialspoint.com/plsql/>
2. <https://www.oracle.com/database/technologies/appdev/plsql.html>

Mr. Namdeo Badhe

Mr. Dilip T.

Dr. Rajesh Bansode

Name & Signature of Faculty
Date:

Signature of HOD
Date:

Signature of Principal /Dean (Academics)
Date:

Note:

1. Plan date and completion date should be in compliance
2. Courses are required to be taught with emphasis on resource book, course file, text books, reference books, digital references etc.
3. Planning is to be done for 15 weeks where 1st week will be AOP, 2nd -13th for effective teaching and 14th -15th week for effective university examination oriented teaching, mock practice session and semester consolidation.
4. According to university syllabus where lecture of 4 hrs/per week is mentioned minimum 55 hrs and in case of 3 lectures per week minimum 45 lectures are to be engaged are required to be engaged during the semester and therefore accordingly semester planning for delivery of theory lectures shall be planned.
5. In order to improve score in NBA, faculty members are also required to focus course teaching beyond university prescribed syllabus and measuring the outcomes w.r.t learning course and programme objectives.
6. Text books and reference books are available in syllabus. Here only additional references w.r.t. non –digital/ digital sources can be written (if applicable)
7. Technology to be used in class room during lecture shall be written below the topic planned within the bracket.