

Course Name : Oracle Fundamentals	Course Code : ITDB4102
Pre Requisite : ITDB1102-Introduction to Database, ITDB3108-SQL Concepts & Syntax	Credit Hours : 3
Passing Grade : C	Level : B.Tech
No. of Theory Hrs : 1	No. of Practical Hrs : 4
Goal: To prepare the students to create procedures, functions, packages and triggers using PL/SQL	
Objectives: Upon completion of this course, the students should be able to: <ol style="list-style-type: none"> 1. Develop and execute anonymous PL/SQL statements and blocks 2. Construct Stored Procedures to manipulate data 	
Outcomes	Methodologies
Upon completion of this course, the students should be able to:	
1. Describe the basics of PL/SQL blocks	Theory
2. Apply control structures	Practical
3. Create Implicit & Explicit Cursors	Practical
4. Create Stored Procedures and Functions	Practical
5. Manage Exceptions	Practical
6. Manage events using Triggers	Practical
7. Develop Packages	Practical
Software & Hardware Tools: Oracle	
Text Book: 1) Oracle PL/SQL Programming: Covers Versions through Oracle Database 11g Release 2 (Animal Guide), ISBN-13: 978-0596514464	
Reference Book: 1) 1. Oracle Database 11g PL/SQL Programming (Oracle Press), McGraw-Hill Osborne Media, Edition 2. ISBN-13: 978-0071494458.	