

Diploma in Computer Programming (DCP)

➤ **Concept of Programming**

Pseudo-metrics, Methodology, Languages

➤ **Flow Chart**

Introduction, Symbols, Data Flow Extensions, Exercise

➤ **C++**

Introduction, Data Types, Operators, Control Structure, Functions, Arrays, Operator Overloading, Inheritance, Virtual Function, Polymorphism, Pointers, Exercise

➤ **Visual Basic 6.0**

Introduction of Visual Basic, Visual Basic Environment, Introduction to VB Control, Data Types, Variable, Constants, Calculation, Decision & Controls, Menus, Sub Procedures and Sub functions, Multiple Forms, List, Loops, Printing, Array, Data file, Exercise

➤ **Oracle 9i**

Introduction to SQL, SQL & DBMS, SQL Basic, Simple Queries, Multi table Queries, Database Updates, Data Integrity, Transaction Processing, Creating a Database, Views, Security, Exercise

➤ **Techniques of Software Development**

Requirements, Design, Implementation, Verification, Maintenance

➤ **Assignment & Project**



Course Code:- LT07

Duration:- Six Months