

# **AS/400 Course Curriculum**

## **DURATION:- 3 MONTHS**

### **OS/400 System Concepts & Architecture**

- Overview of the system
- General awareness of the As/400 System
- Libraries, Files and Members
- Library list concept and related commands
- Functions of OS/400
- Architecture
- ADTS (Application Development Tool Set)

### **DB2/400 (DDS Interface)**

- Overview of DB2/400 Concept
- Externally Described files
- Source Files
- Physical Files, Logical Files and Join Logical Files
- Field Reference Files
- Database Integrity
- Commitment Control and Journaling
- Creating tables
- Insert/Update/Delete Using SQL
- Using cursors in RPG/400

### **CL/400: CL Control Programming**

- File Handling in CL/400
- Handling Errors and Messages
- Handling Data Areas
- Overriding file Attributes and the Scope of overrides
- Open Query File
- String Operators
- String Functions

### **RPG Programming (RPG/400)**

- Introduction to RPG/400
- Specifications
- Operation Codes

- Subroutines
- Data Structures
- Tables and Arrays
- Indicators
- RPG Logic Cycle
- Sub Files
  - ⇒ Load All Subfile
  - ⇒ Page Load Subfile
  - ⇒ Expanding Subfile
  - ⇒ Message Subfile

### **ILE (Integrated Language Environment)**

- Introduction to ILE
- Specifications
- Advantages of ILE
- ILE Program Concept
- Advanced Concept of ILE

### **Project**

- Project Experience on Real Time environment