

MAIN FRAME TRAINING MODULE

Module I

Mainframe fundamentals and MVS

Introduction to MVS

Paging and Data Spaces

Foreground and Background Tasks

Module II

Z/OS

Difference between s/390 & Z/OS

Special features in Z/OS

Additional commands of Z/OS

Module III

System Oriented COBOL Programming.

Introduction to COBOL

Overview of COBOL Programming.

Data Manipulation.

Table and File handling

Subprogram and Merging

Error handling techniques and Optimization.

Module IV

Job control Language and its utilities.

Introduction to JCL.

JCL statements (JOB,EXEC,DD)

Procedure and Symbolic parameters

GDG, compile, link-edit & run JCLs Utilities

Module V

VSAM Programming & Optimization

Access Method Services(AMS)

Alternate Index

Additional VSAM Commands

VSAM Performance Tuning

Module VI

Customer Information Control System

CICS Fundamentals

Components

CICS Programming Technique

CICS Response and ABend Codes

Components

TSQ and TDQ

Module VII

Relational Database Management System(DB2)

RDBMS Concepts and Components

Database Architecture

Data Modeling

Data Normalization

Basic SQL

Advanced SQL

Embedded SQL

Dynamic SQL

Data Security and Access Control.

Common SQL Return codes

DCLGEN

SPUFI

Add-on Module

Endevor Champ

XPeditor Card-pack

File-Aid Vision+

Extra Module

Programming Language I (PL/I)

Compiler options and facilities

Using compiler listing

Preprocessor

Information Management System (IMS)

IMS Database (DB)

Log Report and Monitor Report

PA Online Interface

IMS PA Batch Commands

Record Processors

Re-Extended eXecutor(REXX)

Writing and Running a REXX Exec

Conditional Instructions

Subroutines and Functions

Data Stack

I/O Processing

Assembler

Macro and Conditional Assembly Language

Complement file processing

Diagnostic aids

Associated data architecture