

### **Syllabus : Software Developer (Dot Net Developer)**

- Introduction to the Microsoft .NET framework.
- .NET Interoperation services.
- Client side programming: HTTP, CGI, Cookies, JavaScript, HTML, XML.
- Server side programming: Web Forms, ASP.NET Web Services, ADO.NET Data Access
- Client / Server Programming, 3-tier architecture.
- .NET Remoting.
- .NET Web services and web service security.
- RESTful, SOAP, DISCO, and UDDI.
- Simple Object Access Protocol (SOAP) and Web Services.

### **Syllabus : Software Developer (Full Stack Java Developer)**

- Basics of Java
- Array , STRING Manipulation
- OOPS (Object Oriented Programming & Systems)
- Packages / Exception Handling / Multithreading
- I/O Streams / Classes / Collection Frame Work
- AWT / SWING (JFC)
- Advanced Java - Enterprise Edition
- Web Server and Application Server
- SQL , JDBC ,Servlets
- JSP , Jsp Scripting Elements , JSP Actions ,Custom Actions
- JSTL & Tag Library

### **Syllabus : Database Administrator(SQL SERVER)**

- Introduction to Basic Database Concepts
- E-R Modeling and Diagram
- Normalization
- Fundamentals of SQL Server / SQL
- DDL and DML Statements
- Working with Queries (DQL)
- Aggregate Functions
- Joins and Set Operations
- Implementation of Data integrity
- Working with Constraints / Views / Indexes / T-SQL / Cursors
- Data Control language (DCL) / Transaction Control Language (TCL)
- Working with Stored Procedures / Functions and Triggers
- Backup / Restore and Advance Features