

**MAJOR BASED ELECTIVE – III - DOTNET**

**UNIT I:**

Client server architecture: 2-tier model – 3-tier model – n-tier model – J2EE architecture – DOTNET architecture – MVC architecture – struts framework

**UNIT II:**

ASP.NET : Introduction – architecture – ASP.NET Runtime – Internet Information Services – Visual Web Developer Web Server – ASP.NET Parser – Assembly – Page class.

**UNIT III**

Web Server Controls – HTML Controls – AdRotator and Calendar controls – Validation Controls – Security Management.

**UNIT IV:**

ASP.NET and ADO.NET: System. Data, SqlClient and Xml namespaces – Provider objects and Consumer objects

**UNIT V**

Provider objects and Consumer objects - Disconnected data access – Grid View Form View.

**BOOK(S):**

1. Justin Couch, Daniel H.Steinberg, “J2EE Bible”, Wiley India(P) Ltd, New Delhi, 2002
2. Paul Tremblett, “Instant Enterprise Java y - Beans”, Tata McGraw Hill Publishing company, New Delhi, 2001
3. Platt S David, “Introducing Micorsoft .Net”, Prentice Hall of India, New Delhi, 2003.