

06 1x09 XML WEB SERVICES Credit : 5

1. XML : Introduction to XML, DTD, CSS, Namespace, Schema, XSD, XSL.
 2. Introduction to Web Services : The Web Services Type System, Data Type Mappings.
 3. SOAP : Communication on the Web
 4. WSDL : Describing Web Services.
 5. SOAP Tools : SOAP Toolkit, components and architecture, exposing and invoke Web services.
 6. Developing Web Services : Using ASP.Net application using c# programming environment.
 7. Web Services : Working with WSDL and invoking them using .NET client/Java Client through the code.
 8. SOAP Header : Managing the risks of Web Service, Interface-Based Web Service.
 9. Development of Interface-based Programming : WSDL bindings, Reusable Web Services Infrastructure.
 10. UDDI : A Web Service, Framework & Sample Applications.
 11. SOAP Toolkit Interoperability Text Books :
 - (1) XML 1.1 Bible, Edition by Elliotte Rusty Harold (Wiley)
 - (2) XML Web Services & Data Revolution by Coyle (Pearson Education Asia)
- Reference Books :
- (1) Beginning XML by David Hunter, Andrew Watt (Wrox Publication)
 - (2) Professional ASP.NET 2.0 by Thiru Thangarathinam (Wrox Publication)