

**DEPARTMENT OF COMPUTER SCIENCE**  
**ACADEMIC ACTION PLAN FOR 2012-2013**  
**B.Sc/B.Com/BBM VI SEMESTER (Web Programming)**

Month	Topics to be covered as per syllabus	Topics included otherthan state level common-core syllabus	Beyond syllabus	Guest Lectures/ Seminars
Nov/Dec	<b>An introduction to Java Script:</b> What is dynamic html, Java Script, Javascript—The basics, Variables, String manipulation, Mathematical functions, Statements, Operators, Arrays, Functions. <b>Objects in Java Script:</b> Data and objects in java script, Regular expressions, Exception Handling, Built-in objects, Events	Built-in Objects, Events	Different technologies that are used to create DHTML pages	Seminars
	<b>Dynamic HTML with Java Script:</b> Data validation, Opening a new window, Messages and Confirmations, The status bar, Writing to a different frame, Rollover buttons, Moving images, Multiple pages in a single download, A text-only menu system, Floating logos.			
January	<b>CGI Scripting :</b> What is CGI? Developing CGI Applications, Processing CGI, Returning a basic HTML page, Introduction to CGI.pm, CGI.pm methods, Creating HTML pages Dynamically, using CGI.pm – an example, Adding Robustness. <b>Some CGI Examples:</b> Uploading files, Tracking users with cookies, Tracking users with hidden data, Using Data Files, Restricting access with session ID's.	Restricting access with session ID's	Creating a simple web database application using CGI scripting	Seminars
February	<b>Active Server Pages and Java:</b> Active Server Pages, Java. <b>XML:</b> Defining Data for Web applications: Basic XML, Document type definition, XML schema, Document Object Model, Presenting XML.		creating a simple ASP script which returns an HTML page to a browser	Seminars
	<b>Useful Software:</b> Web browsers, Web servers, Databases, Accessing your ISP, Exercises. <b>Protocols:</b> Protocols, IP and TCP, Hyper Text Transfer Protocol, Common Gateway Interface, The Document Object Model, introducing the Document Object Model, Exercises.		Study on different protocols	