**MCA-260 (Web Technologies Programming Lab)**

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| Unit | Topic Identified | List of Programs |
| I | HTML Tags, Forms & Frames | Use of various HTML tag on web forms  Create HTML forms |
|  | Introduction to Java Script | Use of Java Script Functions on Web forms |
|  | Cascading Style Sheets, DHTML | Use of CSS on Html form  Use of Dynamic HTML Page |
|  | Web Design Tools like Dream Weaver | Creation of web page with the help of Dream Weaver in easy way |
| II | Building Forms with Web Server Controls | Creation of Asp.Net Forms with Controls of web like text box, combo etc. |
|  | Form Validation with Validation Control, Advanced Control Programming | Creation of forms and their put Controls with validation. |
|  | ADO.Net, Binding Data to web Control | Connection of ADO.net to asp.net forms |
|  | DataList and DataGrid Controls | Use of Data List and Data Grid Controls |
| III | Creating ASP.Net Application, Tracking User Sessions | Creating an ASP web application with login sessions |
|  | Error Handling | Use of Error Handling on Web forms |
|  | Form-Based Authentication | Checking of Authentication on forms |
|  | Windows-Based Authentication | Creation of Window Based Authentication Application |
| IV | Web Services | Developing a Web service |
|  | XML basics, SOAP, SOAP message structure, WSDL, UDDI | Use of SOAP message tool  Use of UDDI tool in web forms |
|  | Case study and development of live application | A live web application |

Programming List

HTML

* Create a HTML static web page which shows the use of different tags in that.
* Create the Registration form using HTML and Create the CSS file and Implement the CSS with HTML.
* Create a frameset and open different pages in the frames.

Java Script

* Create a HTML form which display some validation in text box using java script.
* Write a javascript code to change the background color at a frequent intervals.
* Write a javascript code to open the new document after a particular interval.
* Write a javascript code to show the concept of cookies.

Cascading Style Sheets, DHTML

* Create a HTML form with the use of Cascading Style Sheets.
* Create a DHTML form for the dynamic use of records in a web form.

Web Design Tools like Dream Weaver

* Create a website using Dream Weaver having 5 different connected forms.

Building Forms with Web Server Controls

* Create a web page with web server control which is having a connection with server.
* Create an ASP.NET application to show the various use of HTML controls.

Form Validation with Validation Control, Advanced Control Programming

* Create a web application and show the all validations on the forms.

ADO.Net, Binding Data to web Control

* Create a website for a college which accept a feed back form all the fields should be connected through ADO.Net.
* Display the data from the XML file.

DataList and DataGrid Controls

* Create a webpage with the use of Data Grid linked with database.

Creating ASP.Net Application, Tracking User Sessions

* Create a web page with the help of ASP.NET and put some server control.
* Create a web page using ASP.NET and show the use of session in it.
* Write the Program to insert the Order Form details into SQL table using connected architecture of ADO.NET.

Error Handling

* Create a web page using ASP.NET which contain proper message for every error.

Form-Based Authentication

* Create a web page using ASP.NET with proper validation on each components.
* Write a program to show Form based Authentication.

Web Services

* Create a web service in ASP.net which run a specific application.

XML basics, SOAP, SOAP message structure, WSDL, UDDI

* Show the use of mail messaging with the help of ASP.net