Shri Lal Bahadur Shastri Degree College, Gonda
(Affiliated to Dr Ram Manohar Lohiya Avadh University, Ayodhya, U.P.)

Department of Computer Application (BCA)

(Certificate Course on Web Design Basic)

Certificate Course

Syllabus 2021-2022

Module 1:
Web Programming Introduction & HTML-Introduction

In this module, you will learn basic introduction to web development. The fundamental technology used to define the structure of a webpage.

In this module, sets the stage, getting you used to important concepts and syntax, looking at applying HTML to text, how to create hyperlinks, and how to use HTML to structure a webpage.

- History of HTML
- What you need to do to get going and make your first HTML page
- What are HTML Tags and Attributes?
- HTML Tag vs. Element
- HTML Attributes:
- How to differentiate HTML Document Versions

Module 2:
HTML – Basic Formatting Tags

heading, link, image, multimedia player, form, or one of many other available elements or even a new element that you define.

- HTML Basic Tags
- HTML Formatting Tags
- HTML Color Coding

HTML-Grouping Using Div Span

In this module, The HTML <div> and <span> element is the generic container for flow content and does not inherently represent anything. Use it to group elements for purposes such as styling (using the class or id attributes), and inline level and block level separation.

- Div and Span Tags for Grouping

Module 3:
HTML-Lists

In this module, The HTML <li> element is used to represent an item in a list. It must be contained in a parent element: an ordered list (<ol>), an unordered list (<ul>), or a menu (<menu>). In menus and unordered lists, list items are usually displayed using bullet points, now we are going to check how to use html list

- Unordered Lists
- Ordered Lists
- Definition list

HTML-Images

In this module, the Web was just text, and it was really quite boring. Fortunately, it was not too long before. the ability to embed images (and other more interesting types of content) inside web pages was added. There are other types of multimedia to consider, but it is logical to start with the humble <img> element, used to embed a simple image in a webpage. This module will help you to make use of image mapping

- Image and Image Mapping

Module 4:
HTML-Hyperlink
In this module, Hyperlinks are important they are what makes the Web a web. This module shows the syntax required to make a link, and discusses link best practices.

- URL-Uniform Resource Locator
- URL Encoding

HTML-Table
In this module, representing tabular data on a webpage in an understandable, accessible way can be a challenge. This module covers basic table markup, along with more complex features such as implementing captions and summaries.

- <table>
- <th>
- <tr>
- <td>
- <caption>
- <thead>
- <tbody>
- <tfoot>
- <colgroup>
- <col>

Module 5:
HTML-frame
In this module, The HTML <frame> element represents a nested browsing context, effectively embedding another HTML page into the current page. This module will help you make use of iframe tag

- Attributes Using
- frame as the Target

HTML-Form
In this module, Forms are a very important part of the Web these provide much of the functionality you need for interacting with web sites, e.g. registering and logging in, sending feedback, buying products, and more. This module gets you started with creating the client-side parts of forms.

- <input>
- <textarea>
- <button><select><label>
- HTML-Marquee Elements: < Marquee> </ Marquee>

References:-
1. "HTML5: Up and Running" by Mark Pilgrim
2. Introducing HTML5" by Remy and Bruce.
3. The Definitive Guide to HTML5" by Adam Freeman

Scheme of Examination: 100 Marks

1. **Discussion Session: -**   **Duration 1 Hours**

2. **Presentation: -**   **Duration 1 Hours**

Head Dept. of Computer Application