

**Rayat Shikshan Sanstha's
Karmaveer Bhaurao Patil College Vashi, Navi Mumbai
Autonomous College
[University of Mumbai]
Syllabus for Approval**

**Skill Based Course (F.Y.B.Sc.)
2019-2020**

Web Technology Design & Development

Sr. No.	Heading	Particulars
1	Title of Course	Web Technology Design & Development
2	Eligibility for Admission	12 th Pass
3	Passing Marks	40%
4	Ordinances/Regulations (if any)	
5	Duration	30 Hrs
6	Level	U.G.
7	Pattern	Semester
8	Status	Revised
9	To be implemented from Academic year	2019-2020

AC – /0 /2019
Item No.



**Rayat Shikshan Sanstha's
KARMAVEER BHURAO PATIL COLLEGE, VASHI.
NAVI MUMBAI
(AUTONOMOUS COLLEGE)
Sector-15- A, Vashi, Navi Mumbai - 400 703**

**Syllabus for Skill Based Course
Web Technology Design & Development**

Program: F.Y.B.Sc.

**Course: Certificate Course in Web Technology Design &
Development**

**(Choice Based Credit, Grading and Semester System
with effect from the academic year 2019-2020)**

Rayat Shikshan Sanstha's
KARMAVEER BHAURAO PATIL COLLEGE, VASHI, NAVI MUMBAI

Department of Computer Science
Skill Based Course (F.Y.B.Sc.)
2019-2020

Web Technology Design & Development

Details of the Certificate Course:

- | | |
|-------------------------|-------------------------|
| 1. Eligibility | : 12 th Pass |
| 2. Duration | : One and half Months |
| 3. Intake Capacity | : 25 Students per batch |
| 4. Theory & Practical | : 30 Hrs |
| 5. Fees Structure | : Rs. 3000 |
| 6. Examination Pattern: | |

I.	Theory: Theory Exam 20 Marks	
	Theory paper shall be of one hour duration.	
	All questions are compulsory	
II.	Practical 30 Marks	The External examination will be conducted as per the following scheme.

Class: F.Y.B.Sc	Branch: Computer Science	Semester: I	
Skill Enhancement Course Subject: Web Technology Design & Development			
Period per Week(Each 48 min)	Lecture	01	
	Practical	01	
Evaluation System		Hours	Marks
	Online Exam	2	20
	Project Work		30
	Total	50	

	Programming in HTML with Java Script and CSS3 (30hrs)
Day 1	Introduction to the Web <ol style="list-style-type: none"> 1. What is HTML ? 2. What is CSS? 3. Browser Support available 4. Creating a folder structure for a site
Day 2	Introduction to HTML5 <ol style="list-style-type: none"> 1. What is HTML5? 2. How did HTML5 get Started? 3. History of HTML5? 4. What's new in HTML? 5. Advantages of HTML? 6. Difference of HTML5 with HTML4 7. Web sites that using HTML5 8. Browser Support 9. HTML5 Tags
Day 3	Editing and viewing HTML Files <ol style="list-style-type: none"> 1. Opening a Web Page in Notepad 2. Adding the Data Files Location to the Favorites List 3. Opening a File from Windows Explorer 4. Previewing a Web Page in a Web Browser 5. Making, Saving and Viewing Changes
Day 4	Basic HTML Structure: <ol style="list-style-type: none"> 1. Starting Your Web Page 2. Creating a Title 3. Creating Headings 4. Understanding HTML5/Documents Outline

	<ol style="list-style-type: none"> 5. Creating a Header 6. Making a navigation 7. Creating a Article 8. Defining a Section 9. Specifying an Aside 10. Creating a Footer 11. Adding Comments
Day 5	<p>Text</p> <ol style="list-style-type: none"> 1. Starting new paragraph 2. Adding Author Contact Inform Ation 3. Creating a figure 4. Specifying time 5. Marking Important and Emphasized Text 6. Indicating a Citaation or Reference 7. Quoting Text 8. Highlighting Abbrevations 9. Defining a Term 10. Creating Superscripts and Subscripts 11. Noting Edits and Inaccurate Text 12. Marking up codes 13. Using perform attend Text 14. Specifying Fine Print 15. Creating a Line Break 16. Creating Spans 17. Other Elements
Day 6	<p>Image</p> <ol style="list-style-type: none"> 1. About Images for the Web 2. Getting Images 3. Inserting Images on a paper 4. Offering Alternate text 5. Specifying Image Size 6. Scaling Images with the Browser 7. Adding Lcons for Your Web Sites
Day 7	<p>Links</p> <ol style="list-style-type: none"> 1. The Anatomy of a Link 2. Creating a Link to Another Web Pages 3. Creating Anchors 4. Linking to a specific anchor 5. Creating Other Kinds of Links
Day 8	<p>List</p> <ol style="list-style-type: none"> 1. Creating Order and unordered list 2. Choosing your markers 3. Choosing where to start the list numbering 4. Using Custom Markers, Creating nested Lists <p>Tables</p> <ol style="list-style-type: none"> 1. Structure Table 2. Spanning Columns and Rows

<p>Day 9</p>	<p>Working with Frames</p> <ol style="list-style-type: none"> 1. The Concepts and Features of frames 2. Working with different types of frames 3. Using various Tags associated with frames 4. Attributes of frameset, attributes of frames
<p>Day 10</p>	<p>Forms</p> <ol style="list-style-type: none"> 1. Creating Forms 2. Organizing the form elements 3. Creating text box & password box 4. Creating Email, Telephones and URI boxes, Labeling form part 5. Creating Radio button and Text box, Select text areas 6. Creating Submit & Reset Button Disabling form Elements
<p>Day 11</p>	<p>Video, Audio and other Multimedia</p> <ol style="list-style-type: none"> 1. Adding a Single video to your web page Video 2. Adding Controls and Auto play to your video 3. Adding a Single audio to your web page Video 4. Adding Controls and Auto play to your Audio in a loop 5. Support file formation 6. Embedding Flash Animation
<p>Day 12</p>	<p>Getting Started with CSS</p> <ol style="list-style-type: none"> 1. What is CSS, CSS Concept, CSS Types 2. Creating an External Style Sheet\Linking of External Style Sheets 3. Creating an Embedding Style Sheet 4. Applying inline styles <p>CSS Sectors</p> <ol style="list-style-type: none"> 1. .class 2. #id 3. * 4. Element Sector 5. Group Sector
<p>Day 13</p>	<p>Styling HTML5 by Using CSS3</p> <ol style="list-style-type: none"> 1. Styling Text 2. Styling block element 3. CSS3 Selectors 4. Enhancing Graphical effects by using CSS3
<p>Day 14</p>	<p>Introduction to java script</p> <ol style="list-style-type: none"> 1. Overview of Java Script Syntax 2. Loading an External Script 3. Adding an Embedding Script 4. JavaScript Events