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## SKILL COURSE ON 'ADVANCED WEB DESIGNING PART I'

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Open for Third Year Graduate Student w.e.f. 2022-23

**Approved by the Board of Studies in Computer Science  
And**

**Finalized by the Academic Council**

Devrukh Shikshan Prasarak Mandal's

Nya. Tatyasaheb Athalye Arts, Ved. S. R. Sapre Commerce, and  
Vid. Dadasaheb Pitre Science College (Autonomous), Devrukh.  
Tal.Sangmeshwar, Dist. Ratnagiri-415804, Maharashtra, India

Academic Council Item No: \_\_\_\_\_

Name of the Implementing Institute	:	Nya. Tatyasaheb Athalye Arts, Ved. S. R. Sapre Commerce, and Vid. Dadasaheb Pitre Science College (Autonomous), Devrukh. Tal. Sangmeshwar, Dist. Ratnagiri-415804,
Name of the Parent University	:	University of Mumbai
Name of the Programme	:	Bachelor of Computer Science
Name of the Class to Which the course is Open	:	Third Year, Semester Five
No. of Credits	:	03
Title of the Course	:	Advanced Web Designing Part I
Course Code	:	UCSSK51
Passing Marks	:	40%
Nature of Course	:	Skill Course
Level	:	UG
Pattern	:	70:30
Status	:	Multidisciplinary- Open to all in the Third Year
To be implemented from Academic Year	:	2022-2023

## Syllabus for Skill Course on Advance Web Designing Part I

(With effect from the academic year 2022-2023)

### Title of the Course: Advance Web Designing part I

<b>Course:</b> UCSSK51	<b>Certificate course in Advance Web Designing Part I</b> <b>(Credits : 2, Lectures/Week: 3)</b>	
<b>Objectives:</b> This course enables the students to learn advance web designing skills, emerging technologies to design and develop state of - the art web applications using latest HTML and CSS.		
<b>Learning Outcomes:</b> <ul style="list-style-type: none"><li>• To design valid, well-formed, scalable, and meaningful web pages using emerging technologies.</li><li>• Understand the various platforms, devices, display resolutions, viewports, and browsers that render websites</li><li>• Understanding new tags in HTML and its application.</li></ul>		
<b>Module I</b>	<b>HTML5:</b> HTML tags, Formatting Elements, Form Elements, Colors, Images, Favicons, Table Elements, Lists, Class and Id, Iframe, Canvas Graphics, SVG, Media- audio and video	<b>15 L</b>
<b>Module II</b>	<b>CSS3:</b> Understanding CSS, Syntax of CSS, CSS Selectors, Inserting CSS in an HTML Document,  CSS properties: color, background-color, borders, margins, padding, height - width, outline, text, font, table, display, float, align, opacity, rounded corners.	<b>15 L</b>
<b>Reference Website:</b> <ul style="list-style-type: none"><li>• <a href="https://www.w3schools.com/">https://www.w3schools.com/</a></li></ul>		

## Practical

<b>Course: UCSSK51</b>	<b>Practical of UCSSK51 (Credits : 1, Lectures/Week: 3)</b>
<b>UCSSK51</b>	<ol style="list-style-type: none"><li>1. Design a webpage that makes use of Basic HTML tags</li><li>2. Design a webpage that makes use of Formatting Elements like bold, italic, superscript, and subscript.</li><li>3. Design a webpage that make use of Form Elements<ul style="list-style-type: none"><li>• Input types</li><li>• Select types</li><li>• all other elements</li></ul></li><li>4. Design a webpage that make use of Colors, Images, Favicons and Lists</li><li>5. Design a webpage that make use of Table Elements.</li><li>6. Design a webpage that make use of Canvas Graphics and SVG</li><li>7. Design a webpage that make use of Audio and Video</li><li>8. Design a webpage that make use of basic CSS types - Inline, Internal and external.</li><li>9. Design a webpage that make use of CSS color, background-color, borders</li><li>10. Design a webpage that make use of CSS margins, padding, height - width</li><li>11. Design a webpage that make use of CSS outline, text, font</li><li>12. Design a webpage that make use of CSS table, display</li><li>13. Design a webpage that make use of CSS float, align</li><li>14. Design a webpage that make use of CSS opacity, rounded corners.</li><li>15. Design a webpage that make use of new CSS properties.</li></ol>

**Practical Record:** A journal comprising above experiments needs to be submitted by the student at the end of the course.

### **Required Previous Knowledge**

No previous knowledge is necessary to start learning the course.

### **Access to the Course**

The course is available for all the students admitted for Bachelor of Arts, Commerce, and Science and admitted in the second year at UG.

### **Forms of Assessment**

The assessment will be in the form of a Continuous Assessment. Students completing the Course as per the direction of the concerned teacher and submitting the day to the journal will be graded according to the quality of the work done by the student.

### **Grading Scale**

The grading scale used is O to F. Grade O is the highest passing grade on the grading scale, and grade F is a fail. The Board of Examinations of the college reserves the right to change the grading scale.

## **SKILL COURSES- SCHEME OF EXAMINATION**

### **A) Theory Component- 30 marks**

#### **a) Class Test- 10 marks**

One class test of 30 marks, one hr duration, shall be conducted in a given semester, and the performance of students in the test shall be converted to out of 10 marks.

#### **b) Semester End Assessment (SEA)- 20 marks**

The Semester End Examination of 50 marks, 2 hrs duration, shall be conducted at the end of the semester, and the performance of students in the examination shall be converted to out of 20 marks.

### **B) Skill Component- 70 marks**

- 1) Attendance- 10 marks
- 2) Journal/ workbook/assignment book- 20 marks
- 3) Viva- 10 marks
- 4) Skill Assessment- 30 Marks

Any two practicals in the laboratory (students having laboratory work)