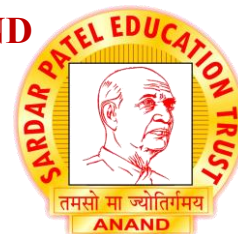




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Revised Syllabus as per NEP 2020 with effect from the Academic Year 2026-2027

Bachelor of Computer Applications (BCA)

Semester – I

Course Code	US1MDBCA14	Title of the Course	Practical Based on Fundamentals of Web Application
Total Credits	02 Credits	Hours per Week	02 Hours / Week

Course Learning Outcomes (CLOs)

CLO 1	Apply HTML concepts to create structured and interactive web pages.
CLO 2	Analyze and design web pages using DHTML and CSS for styling and dynamic behavior.

Course Content

Unit No.	Description	Weightage (%)
1.	Creating a WebPage : I - An Introduction to HTML, HTML tags, Structure of an HTML document - Text and paragraph formatting - Ordered and Unordered lists - Hyperlinks, Image - HTML tables - Frames, Framesets - Designing HTML forms - Advanced Elements of HTML5 Input Controls (number, date, time, calendar, ranges) - Multimedia tags (<audio>, <video>)	50%
2.	Creating a WebPage : II - Introduction to DHTML - Components of DHTML - Introduction to Cascading Style Sheets (CSS), - Ways of specifying style inline, internal, external - Basic Syntaxes, ID and CLASS selectors, SPAN, DIV - Fonts, Color, Background, Text AND Border property	50%

Teaching – Learning Methodology

The course would be taught / learnt through ICT & hands-on practical training using required Office Tools such as MS Word, MS Excel, MS PowerPoint, Internet, and Email applications.

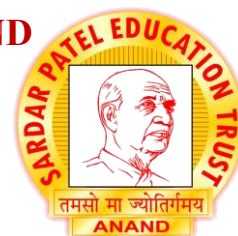
Examination Evaluation Pattern

Sr. No.	Particulars	Weightage (%)
01	Continuous and Comprehensive Evaluation (CCE) (Formative Assessment)	50%



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02	Semester End Evaluation (SEE) (Summative Assessment)	50%
	TOTAL	100%

Specifications for CCE and SEE		
Sr. No.	Details of the Evaluation Pattern	Marks
01	Continuous and Comprehensive Evaluation (CCE) (Formative Assessment)	25
	Practical Hands-on Evaluation	
02	Semester End Evaluation (SEE) (Summative Assessment)	25
	Practical Examination (02 Hours)	
	TOTAL (For 02 Credit Courses)	50 Marks

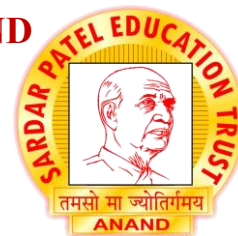
Rubrics – Based Assessment for Mid-Semester Examination (25 Marks)		
Any One Unit or 50% of The Syllabus - 11 Marks Each Question with 3 Marks Journal		
Excellent	09 – 11 Marks	Accurate, error-free, logically presented, timely submission
Good	07 – 09 Marks	minor errors and good conceptual clarity
Average	05 – 07 Marks	basic understanding or partially correct
Basic	03 – 05 Marks	limited clarity, noticeable mistakes, incomplete content
Poor	01 – 03 Marks	Inadequate conceptual clarity, incorrect content
Below Poor	Zero Marks / NA	content is irrelevant / Not Attempted / Not Submitted
Note:		
Written Examination questions will be based on various levels of Revised Bloom's Taxonomy.		

Rubrics – Based Assessment for End-Semester Examination (25 Marks)		
All Units of The Syllabus - 11 Marks Each Question with 3 Marks Journal		
Excellent	09 – 11 Marks	Correct use of HTML and CSS, proper structure, clean layout, accurate output, well-formatted and error-free code.
Good	07 – 09 Marks	Minor syntax or formatting errors, good structure, mostly correct output, proper use of HTML/CSS concepts.
Average	05 – 07 Marks	Basic understanding, some errors in tags or CSS, partially correct layout/output.
Basic	03 – 05 Marks	Limited clarity, incomplete or incorrect use of HTML/CSS, noticeable mistakes in structure or styling.
Poor	01 – 03 Marks	Incorrect code, improper use of tags/styles, output does not meet requirements.
Below Poor	Zero Marks / NA	Irrelevant content or not attempted.
Note:		



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- Written Examination questions will be based on various levels of Revised Bloom's Taxonomy.

PLO – CLO Mapping						
Practical Based on Fundamentals of Web Application						
	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6
CLO 1	03	02	03	02	01	01
CLO 2	02	03	03	03	02	02

Note:

- High: **03**; Moderate: **02**; Low: **01**; No Mapping: **00**

Suggested References and E-Resources for Further Reading
- Bayross, Web Enabled Commercial Applications Development using HTML, DHTML, JavaScript, Perl CGI, BPB Publications, 2004. D. E. Comer, The Internet, 2nd ed., PHI, 2000. C. Xavier, World Wide Web Design with HTML, Tata McGraw Hill, 2000. E. Meyer, Cascading Style Sheets: The Definitive Guide, 1st ed., O'Reilly Media, 2000. J. Keith, HTML5 for Web Designers, A Book Apart, 2010. T. A. Powell, HTML & CSS: The Complete Reference, 5th ed., Tata McGraw-Hill, 2010. https://developer.mozilla.org https://www.w3schools.com https://www.geeksforgeeks.org https://www.tutorialspoint.com
