RKDF UNIVERSITY

Airport Bypass Road Gandhi Nagar Bhopal

Faculty of Computer Application

Duration: 30 Days

Web Designing

Description:

Web development is not just about coding, it is also about **website designing**. Before going into the process of development, you have to think about its layout, colors, fonts, visual assets, and more. This means that you can develop or enhance your design skills. You can also enhance your creativity by learning from others' website designs present over the internet. A good website has a clean-quality design. It will give you the power to contribute to the world. You can develop or **improve your problem-solving skills** with it. If you have an idea in your mind that solves real-world problems it will help you to create it. As a computer science student, if you have developed anything which has a good effect on the real world then it will definitely help you in your future careers. Where you can solve real-world problems and hone your skills.

Objectives of the Courses:

There is no need to go to any institute to learn it. In the world of the Internet, there are tons of resources to learn it, and you can learn it at your own pace. In web development, you will learn **front-end frameworks, back-end frameworks, programming languages** as well as design patterns, authentication, APIs, deployment, and more. There

are no steps that tell you know everything about web development. It is a continuous learning process. One thing you will find in every successful people is that they have a very good understanding of their work. In simple words, they have a strong grip on self-learning.

Salient Features:

1. Users appreciate quality and credibility.
2. Users don't read, they scan
3. Web users are impatient and insist on instant gratification
4. Users don't make optimal choices.
5. Users want to have control.

Duration of Course:

Course duration will be of 30 lectures and after the completion of all the 30 lectures university will conduct exam as per syllabus and schemes and every qualified student will be awarded certificate.

Classification of Course

Classification of course will be based on certain Modules each module will take minimum 5 days. In this value added course we have six different modules which are based on different parameters of Web Designing.

Dr. N.S. Shrivastava
Head
(Coordinator)
Faculty of Computer Application

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Enclosure:
- Syllabus
- Exam Scheme

Syllabus

Maximum Marks: 150   **Minimum Marks: 60**

Duration: 30 Days

Course learning outcomes (CLO):

After studying this Course the student will be able to —

✓ Code a handful of useful HTML & CSS examples

✓ Build semantic, HTML & CSS web page

✓ Write basic scripts

✓ Use Names, Objects, and Methods

✓ Add Interactivity to a Web Page

✓ Create Dynamic Web Pages using Java Script in HTML forms.

Module	Topic	No. of Hours
I	**: Introduction to Internet-** World Wide Web, Internet Addressing, Browser, URL, Web server, website, homepage, Domain Name, Basic concepts.HTML Tags and Attributes, HTML Basic Tags, Formatting Tags, HTML Color Coding, Div and Span Tags for Grouping.	**05**
II	**Lists:** Unordered Lists, Ordered Lists, Definition list. Images: Image and Image Mapping **Hyperlink: URL -** Uniform Resource Locator, URL Encoding.	**05**
III	**Table**: <table>, <th>, <tr>, <td>, <caption>, <thead>, <tbody>, <tfoot>, <colgroup>, <col>. Attributes Using Iframe as the Target	**05**
IV	**Form:** <input>, <textarea>, <button>, <select>, <label> **Headers:** Title, Base, Link, Styles, Script HTML Meta Tag, XHTML, HTML Deprecated Tags & Attributes	**05**
V	**CSS:** Introduction, Features and benefits of CSS, CSS Syntax, External Style Sheet using <link>, Multiple Style Sheets, Value Lengths and Percentages. **Color Background Cursor:** background-image, background-repeat, background-position,	**05**

VI	**The JavaScript:** Nature of JavaScript, Script Writing Basics, Enhancing HTML Documents with JavaScript, the Building Blocks. Introduction to JavaScript, JavaScript Engines, Values, Variables and Operators, Variable Mutation, Basic Operators, Operator Precedence, JavaScript Types, Types Definition, Types in JavaScript.	**05**

Scheme of Examination

S.No	Types	Questions	Marks Allocated	Total Marks
1	Objective	5	1	5
2	Short Answer	5	3	15
3	Long Answer	3	10	30
4	Practical			50
5	Project			50
Total Marks				**150**

Reference:

1. Jon Duckett, HTML And CSS: Design And Build Websites, Wiley

2. Jon Duckett, JavaScript And Jquery: Interactive Front-End Web Development, Wiley

3. Jennifer Niederst Robbins, Learning Web Design: A Beginner's Guide To HTML, CSS, JavaScript, And Web Graphics, O'reilly

4. https://www.w3schools.com/

5. https://spoken-tutorial.org/