C.S.I.,K.N.D.,B.M.H.E.C's

# CSI COLLEGE OF COMMERCE

# DHARWAD

## BACHELOR OF COMPUTER APPLICATIONS

1.3.1 **ADD ON COURSE**

**2019-2020**

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C.S.I. COLLEGE OF COMMERCE
DHARWAD (KARNATAKA)

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# 1. INTRODUCTION

Aim

Add-on course on Web development

Objectives

- To understand the principles of creating an effective web page.
- Languages of the web : HTML and CSS.
- Techniques of responsive web design, including media queries.
- CSS grid layout and javascript.
- Skills and project-based experience needed for entry into web design and development careers.
- Ability to use a variety of strategies and tools to create websites.

# 2. LESSON LEARNED

The training session included technology concepts, training on Web technology the students, soft skills, Demo's (like presentations, demo etc).

Training conducted by:

1) Shri S.R.Williams

2) Asif Koujaganur

Training was carried out for total 41 students out of which 37 did on their own without our help, and 4 students took help from us to develop their project as there technical aspects were covered in accordance with the company standards and presentation were taken for each and every student.

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# 3. TECHNOLOGY DETAILS

**HTML:**

HTML means Hypertext Markup Language. HTML is a method of describing the format of document, which allows them to be viewed on computer screen. Web browsers display HTML documents, program which can navigate across networks and display a wide variety of types of information. HTML pages can be developed to be simple text or to be complex multimedia extra advantages containing, moving images, virtual reality, and java applets.

**PHP:**

PHP originally stood for "Personal Home Page" and was released as a free, open source project. Over time, the language was reworked to meet the needs of its users. In 1997, PHP was renamed to the current "PHP: Hypertext Preprocessor."PHP is generally used as a server-side scripting language; it is especially well-suited for creating dynamic web pagesand client-side GUI applications.

**MYSQL:**

MySql is a multithreaded,multi-user SQL database management system (DBMS). The basic program runs as a server providing multi-user access to a number of databases. Originally financed in a similar fashion to the JBoss model, MySql was owned and sponsored by a single for-profit firm, the Swedish company MySQLAB now a subsidiary of Sun Micro system , which holds the copyright to most of the codebase.

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# 4. IMPLEMENTATION

| Sl.No | Subject Details | No of hours |
|---|---|---|
| 1. | HTML<br>Introduction to HTML, Editors, Basic elements of HTML such as – Headings, Paragraphs, Break tag, Text & image editing tags, Formatting tags.<br>HTML Tables, Links, Lists, Frames.<br>HTML Form elements | 6T+6L |
| 2. | CSS(Cascading Style Sheets)<br>Different type of stylesheets and their elements.<br>Linking stylesheets.<br>Template selection and breaking | 3T+3L |
| 3. | Javascript<br>Javascript Events, Objects, Functions and Methods.<br>Inheriting Javascript into webpages<br>Validating a page using javascript | 4T+4L |
| 4. | PHP<br>PHP History, Structure of a program, Variable declarations, Commenting in PHP, Fom methods and Functions, Date Function.<br>Looping and conditional statements in PHP<br>Arrays in PHP<br>In built functions of PHP<br>Database connectivity<br>PHP Cookies and Sessions | 8T+6L |
| 5. | Tools<br>HTML Editors<br>Dreamweaver Tool<br>WAMP server | 5L |
| 6. | Technical Aspects, Implementation and Guidance | 50L |
| 7. | Reporting<br>Synopsis Creation.<br>Detailed Diagram design based on the application.<br>Database Design<br>Reports | 5L |

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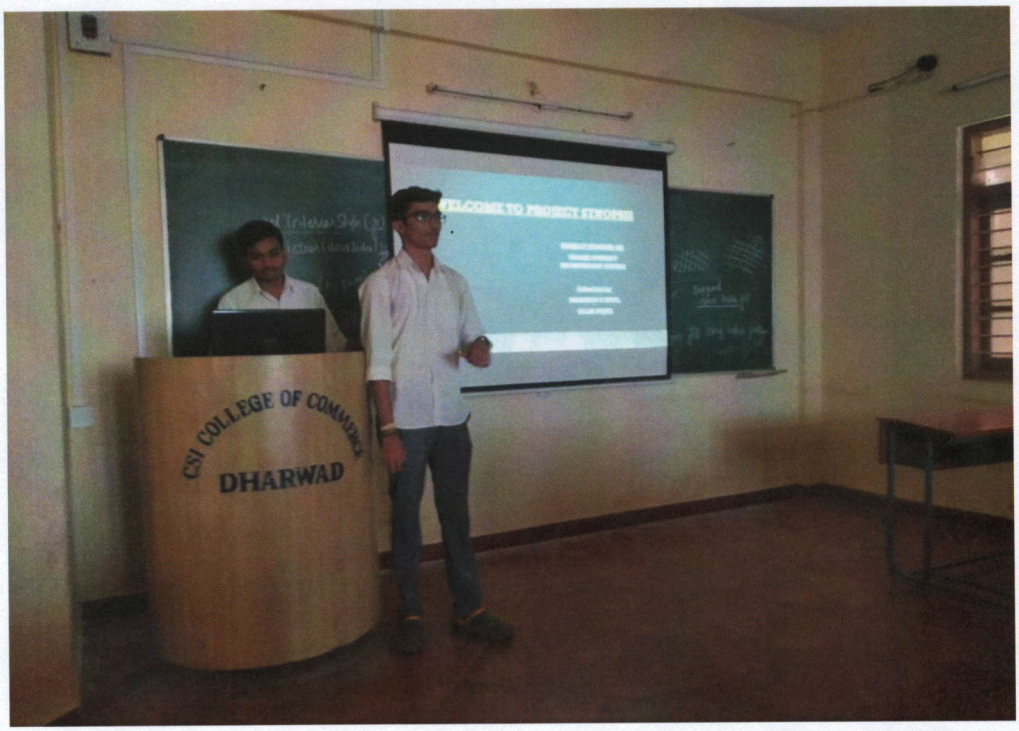
# 5. ACTIVITIES



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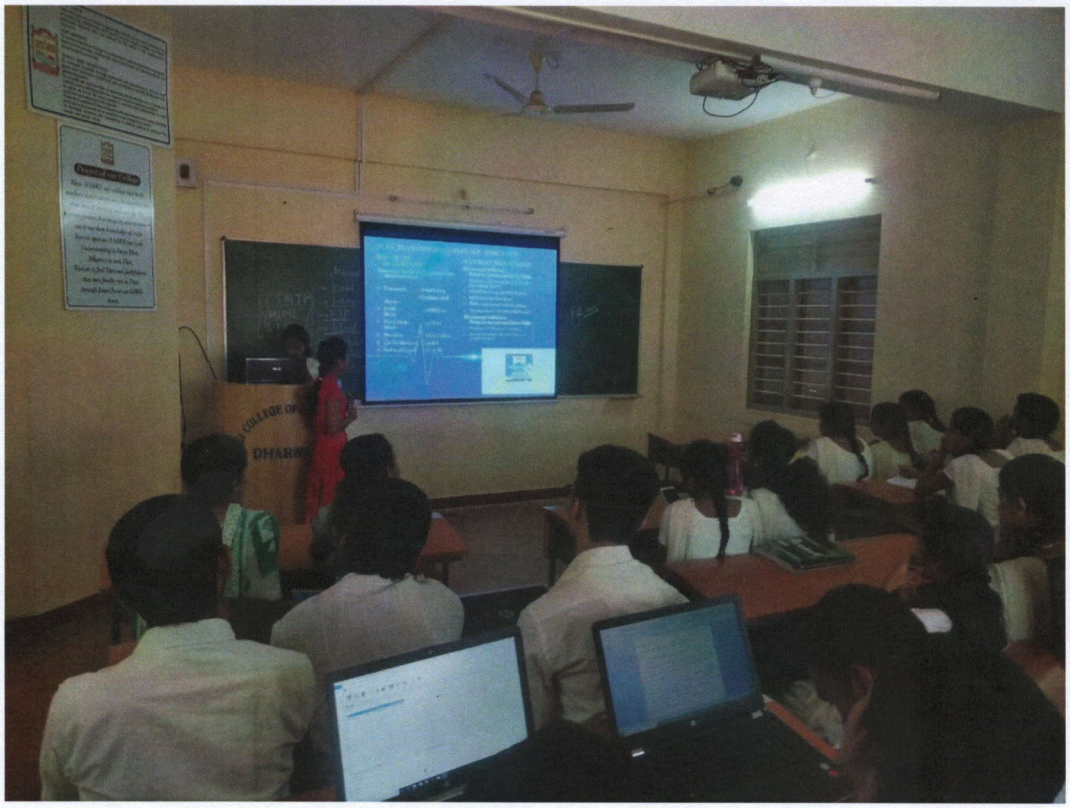

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