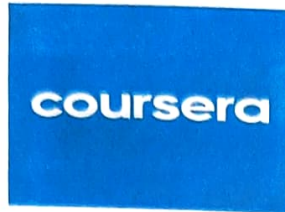# Summer Training Report

On

Introduction to Web Development with HTML, CSS, JavaScript

From

COURSERA

for partial fulfilment of the requirement for the award of

BACHELOR OF TECHNOLOGY

In

COMPUTER SCIENCE AND ENGINEERING

From

School of Studies Engineering and Technology, Guru Ghasidas Vishwavidyalaya

Submitted By:

BHUPENDER YADAV

Roll No.: 20103021

Batch: 2020 – 2024

Institute : Guru Ghasidas Vishwavidalaya

Submitted To:

DR. PRINCY MATLANI

Assistant Professor

Department of CSE, SOSET

Guru Ghasidas Vishwavidalaya

CERTIFICATE

IBM

Bhupender Yadav

Introduction to Web Development with HTML, CSS, JavaScript

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TOPIC COVERED THROUGHOUT THE COURSE

Introduction to HTML

HTML, which stands for HyperText Markup Language, is the backbone of the World Wide Web. It is a fundamental language used to create and structure content on the internet. HTML is the starting point for building web pages and is an essential skill for anyone interested in web development, design, or content creation.

HTML functions as a markup language, allowing developers to define the structure and organization of web content. It uses a system of tags (enclosed within angle brackets) to mark different elements of a web page. These elements can range from text and images to links, forms, and multimedia. HTML tags tell web browsers how to display content and provide a logical structure for the information presented.

The beauty of HTML lies in its simplicity and accessibility. You don't need advanced programming knowledge to get started with HTML. It serves as the building block for the more dynamic and interactive features you see on websites, such as forms, animations, and responsive design. HTML works in conjunction with other technologies like CSS (Cascading Style Sheets) for styling and JavaScript for interactivity to create the web pages we interact with daily.

Learning HTML is an excellent first step for anyone interested in web development or design. It allows you to create basic web pages and understand the structure of existing websites. As you delve deeper into web development, you can explore more advanced features and techniques within HTML, enhancing your ability to craft engaging and user-friendly web experiences. HTML is a crucial skill for anyone aspiring to work in the digital landscape, as it forms the foundation upon which the internet is built.