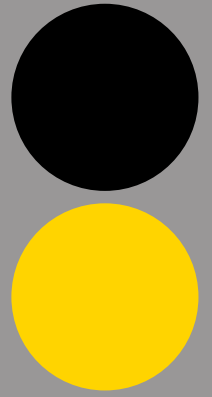


# WEB WIZARD

BULD YOUR FIRST WEATHER APP **DATE EXTENDED!** APRIL 24 - APRIL 26, 2024



## Overview

Welcome to the Web Wizard organized by Department of Artificial Intelligence and Data Science Priyadarshini College of Engineering, Hingna, Nagpur. This workshop is designed to immerse participants in the world of web development, with a particular focus on client-server communication and API data fetching. Over the course of three days, you will explore the fundamental concepts of the internet, delve into the basics of HTML, CSS, and master JavaScript by creating a weather app that fetches data from a public API and hosting it on GitHub.

## Prerequisites

No prior knowledge or experience in web development is required to attend this workshop. Whether you are a complete beginner or have some experience, you are welcome to join us and learn together.

## Technical Support

If you do not have access to a laptop or PC, we will provide one for you during the workshop. Our technical support team will also be available to assist you with any technical issues or questions you may have throughout the workshop.

## Goals

1. Introduce participants to Computer Networking, Client-Server communication and API data fetching.
2. Familiarize participants with HTML, CSS, and Bootstrap for frontend development.
3. Master JavaScript by creating a weather app that fetches data from a public API.

**Venue:** Seminar hall department of Artificial Intelligence & Data Science, Wing D, Priyadarshini College of Engineering. (2pm - 4pm)

# The Project : Weather App

The project for this workshop is to create a weather app that fetches real-time weather data from a public API and displays it to the user. The app will allow users to enter a location and view the current weather conditions, including temperature, humidity, wind speed, and weather description.

## Workshop Outline

<b>Day 1: Understanding the Internet</b>	<ul style="list-style-type: none"><li>• Introduction to the workshop and its objectives</li><li>• Overview of the internet and its basic principles</li><li>• Understanding client-server architecture</li><li>• Exploring how data is transmitted over the internet</li><li>• Date: <b>24 April</b></li><li>• Duration: 2hr</li></ul>
<b>Day 2: HTML, CSS, and Bootstrap Basics</b>	<ul style="list-style-type: none"><li>• Basics of HTML</li><li>• Styling with CSS</li><li>• Introduction to Bootstrap</li><li>• Hands-on exercises to create a simple webpage</li><li>• Date: <b>25 April</b></li><li>• Duration: 2hr</li></ul>
<b>Day 3: JavaScript Crash Course</b>	<ul style="list-style-type: none"><li>• Overview of JavaScript: variables, data types, and functions</li><li>• Client-side scripting with JavaScript</li><li>• Introduction to APIs and how to fetch data</li><li>• Hands-on project: creating a weather app</li><li>• Hosting the weather app on GitHub</li><li>• Final Q&amp;A session, feedback, and distribution of completion certificates.</li><li>• Date: <b>26 April</b></li><li>• Duration: 3hr</li></ul>
<b>Goal</b>	The goal of this workshop is to empower participants with practical skills in web development, focusing on client-server communication, API data fetching.

# Contact Information

For any questions or clarifications, please reach out to the project lead:

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