

JADAVPUR UNIVERSITY
COMPUTER AIDED DESIGN CENTRE
Faculty Council of Engineering and Technology
Kolkata - 700 032

Certificate Course on
Modern Web Design and Front End Development

In this Modern age of technology, for a business to grow, every small to mid-size organization needs to have its online presence and showcase its product and services, build relationship with the customers and to market its brand through its official website. So the web industry needs fresh talents every day. But a job seeker has to be skilled with proper technologies. A formal college degree is not enough for that. That's why we've introduced this course to merge the knowledge gap and make you a job ready professional.

This course has been designed to provide theoretical fundamentals of the absolutely necessary stacks, like: HTML5, CSS3, Vanilla Js, JQuery, as well as the practical classes to help you to have your hands on experience in working with those.

The CAD centre is the pioneer institute in the field of Multimedia and Web technologies. The centre has engaged highly experienced faculty members from the academic sector as well as industry. All of our faculty members are industry experts and well known professionals.

Course Duration: 24 hrs

Eligibility: Higher Secondary or equivalent

Participants must have mobile devices running Android 4.0.3 or above; laptop/desktop computer with Windows; and stable internet connectivity. Google Meet should be preinstalled the mobile device.

Syllabus:

Topics	No of Theory Classes	No of Practical Classes	Total No. of Classes
Introduction to HTML, different tags, Intro to HTML5 and New tags in HTML5	1	1	2
Intro to CSS, CSS selectors, Intro to CSS3, New selectors in CSS3, Responsive Web Design	1	1	2
Intro to Vanillas JS, JS Data types and objects, Working with DOM, JS	1	1	2

events			
Intro to JQuery, Overview, Retrieving Page Content, Manipulating Page Content, Working with Events, Animations and Effects	1	1	2
Bootstrap Introduction and Download, Bootstrap Grid System, Navigation, Carousel, Modal, Forms	1	1	2
Build a Portfolio Website Using HTML5, CSS3, Bootstrap 4 and JQuery	0	2	2
Total	5	7	12

N.B: Free or Open Source software will be used in this course

Certificate: Completion certificate (in printed form) will be provided at the end of the course.