

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

Winter training on
FULL STACK WEB DEVELOPMENT

This course has been designed to teach you fundamentals of the absolutely necessary stacks for the web first, like: Adobe Photoshop Layout Design, HTML5, CSS3, Vanilla Js, JQuery, as well as the practical Projects to help you to have your hands on experience in working with those technologies.

Next, you will learn PHP MySQLi by building Real World Projects including WordPress CMS Development and Laravel, the most popular PHP framework and much more.

It's time for you to become a Full Stack Developer.

The Cad Centre is one of the oldest and best Multimedia and Web technologies in India. Lying in the heart of the city of Joy Kolkata the institute is filled with an ambience of creativity and unique experienced teaching and learning techniques by renounced, experienced and certified trainers of the institute used to impart knowledge and skills to the students encouraging them to bring in a creative and innovative touch to all their creations.

Course Duration: 48 hrs

Class Duration: Theory Sessions: 2 hrs each; Practical Session: 2 hrs each

Eligibility: Engineering students

Participants must have mobile devices running Android 4.0.3 or above; laptop/desktop computer with Windows 10; and stable internet connectivity. Google Meet should be preinstalled in the mobile device; and every Software, that will be used to teach this course are Free and Open Source.

Syllabus:

Topics	DEMO	Total No. of Classes
Introduction to Photoshop and essential tools	1	1
Layout Building in Photoshop	1	1
Introduction to HTML, different tags	1	1
Introduction to HTML5 and New tags in HTML5	1	1
Introduction to CSS, CSS selectors, Into to CSS3	1	1
New selectors in CSS3, Responsive Web Design	1	1
Introduction to Vanillas JS, JS Data	1	1

types		
JS objects, Working with DOM, JS events	1	1
Intro to JQuery, Overview, Retrieving Page Content	1	1
Manipulating Page Content, Working with Events, Animations and Effects Using JQuery	1	1
Bootstrap Introduction and Download, Bootstrap Grid System.	1	1
Bootstrap Navigation, Carousel, Modal, Forms, Tab and Other Components	1	1
Build a Portfolio Website Using HTML5, CSS3, Bootstrap 4 and JQuery Part 1	1	1
Build a Portfolio Website Using HTML5, CSS3, Bootstrap 4 and JQuery Part 2	1	1
Building Blocks of PHP	1	1
PHP Contact Form, SESSIONS, COOKIES, AJAX, FILE SYSTEM FUNCTIONS and OOP with PHP	1	1
TODO LIST APPLICATION WITH USER AUTHENTICATION Module 01	1	1
TODO LIST APPLICATION WITH USER AUTHENTICATION Module 02	1	1
TODO LIST APPLICATION WITH USER AUTHENTICATION Module 03	1	1
WORDPRESS SPECIFIC PHP	1	1
BUILD a SIMPLE BLOG in WORDPRESS Module 01	1	1
BUILD a SIMPLE BLOG in WORDPRESS Module 02	1	1
INTRODUCTION TO LARAVEL	1	1
LARAVEL CRUD APPLICATION	1	1
Total	24	24

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