

# Online Certification Course

on

## Full Stack Web Development

[January 20 - February 02 , 2021]

[Evening Batch - 5 PM onwards]

under the aegis of

**Electronics & ICT Academy**

**IIT Roorkee**



Supported by

Ministry of Electronics & Information  
Technology  
Government of India



सत्यमेव जयते

Experts from Academia/Industry

Prof. P. Sateesh Kumar, CSE Department,  
IIT Roorkee

Mr. Lavish Arora, Diginique TechLabs  
Expert talks from Industry

Principal Investigator

Prof. Sanjeev Manhas, IIT Roorkee

Get certified by E&ICT Academy, IIT  
Roorkee



Class will be delivered through  
online platform

## Why Full Stack Web Development?

Web design is made up of three layers. The user-facing side, or front end, handles the presentation portion of a page, app, or service. The business logic layer, or back end, handles information validation, and the database keeps track of the information exchange. The old days of development saw a big division between front end and back end developers, but as businesses and organizations move towards continuous innovation, a full stack developer is in high demand.

Full Stack Web development has reached continuous innovation. This course introduces you to essential components of taking on end to end development that can help you build critical skills you need.

## Objectives of the programme

- Understand the principles of creating an effective web page.
- Become familiar with graphic design principles.
- Develop skills in analyzing the usability of a website.
- Understand how to plan and conduct user research related to web usability.
- Be able to embed social media content into web pages.

## Programme Features

- 40+ Hours live instructor-led sessions.
- Lectures from IIT Roorkee, Hands-on from industry experts.
- Expert talks from industry.
- Career guidance sessions from the experts.
- 3+ hours of doubt clearing sessions on weekend.
- Access to learning material and video lectures.
- Certificates by E&ICT Academy IIT Roorkee.

## Focus Areas

- Basics of front end & back end development
- Introduction to HTML and CSS
- Basics of HTML5, CSS3 and PHP
- Fundamentals of JavaScript, Creating forms with HTML
- Website Hosting, Using FTP Client FileZilla
- Arrays and Custom Functions, Working with Databases and Tables
- Project: Development of a complete website at the end of the course.

## Prerequisites

- No experience is required, but fundamental knowledge of any programming language would be helpful.

## Registration Link

<http://tiny.cc/y7jotz>

## Registration Fee

Fees: ₹ 8000/Participant, Non Refundable  
(Applicable for all)

Note: Refund will be done in case of course cancellation only, with in 20 working days

## How to make payment

Account Name - Research Project, IIT Roorkee  
Account No. -33012172097, IFSC- SBIN0001069

## Course Coordinators

- Prof. P. Sateesh Kumar, CSE Department, IIT Roorkee
- Prof. Sanjeev Manhas, ECE Department, IIT Roorkee

## Reach Us:

- Ph.: +91-7409146082, +91-9149130233
- Email: [eict@iitr.ac.in](mailto:eict@iitr.ac.in)