#Learn_from_Home

Python Web Development using Django Framework

Course Code : LFH/PY/03

Duration: 20 hrs

Course Syllabus

INTRODUCTION

This industry oriented course is developed by both the Software development division & Training division of **ipsr solutions limited**. IPSR is **a public limited IT company** with 20 years of expertise in Software product development, Training services, Placement services & Digital Marketing services. During the past 2 decades, IPSR has trained candidates from **50+ countries** and helped **40000+ candidates** to build their IT career. Our IT services division is a pioneer in development of **Academic solution products**, incorporating cutting edge technologies like Artificial Intelligence, Data Analytics and Machine learning. Live industry experts from this IT division contribute a major role in delivering this course. Our placement division is having **1500+ placement tie-up companies** and we are conducting recruitment on all days.

The Course curriculum is designed and developed by a team of expertise panel lead by following academicians

❏ **Dr. Mendus Jacob, M.Sc., M.Phil., Ph.D., MIoD**
   ❏ M.D & C.E.O - IPSR & Valin Technologies, U.K.
   ❏ Director - MCA, Marian College, Kuttikkanam (Autonomous)
   ❏ Former Director of School of Applicable Mathematics, M.G. University.

❏ Academician and Entrepreneur with 30+ years experience
❏ **Dr. Sunil Job K.A, M.Sc, M.Ed, M.Phil, Ph.D., RHCE**
   ❏ Chief of Academic Solutions - IPSR
   ❏ Former college Principal and a Specialist in Data Analytics & Machine Learning
   ❏ Blogger and a Resource person for National conferences
   ❏ Academician with 25+ years experience

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What you'll learn

Develop Web Applications using Django Framework

Description

This course covers Python web development using Django Framework

COURSE OUTCOME (CO)

On successful completion of this course, candidates will be able to:

- Develop responsive web pages using HTML, CSS, JavaScript, JQuery and AJAX
- Develop websites using Django Framework.

What does this course give you?

Skills required to be a Python Web Developer

PREREQUISITES

- Good knowledge of Python programming structure
- Good knowledge of Python sequences - List, Tuple, String, Set, Dictionary
- Better understanding of OOPS concepts

- Functions & File handling in Python

- Creating Patterns using RegEx

- Database programming using MySql and Sqlite

SYLLABUS CONTENTS

Web Development Basics

- Web server

- Web client

- HTML

- CSS

- Java script

Python Web MVC Framework – Django

- Installation

- Configuration

- Urls and Views

- App creation

- Model

- Template integration

- Form Processing

- Database connection

- Sessions

- AJAX and jQuery

- Image/files uploading

Contact Us

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We have branches at Kochi, Thiruvananthapuram, Calicut and Bengaluru.