

#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., MloD**
 - ❑ 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



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

IPSR SOLUTIONS LTD.

Merchant's Association Building

M.L. Road, Kottayam - 686001

Kerala, India, Pin-686001

Phone: +91-481 2561410, 2561420, 2301085

Mobile: +91 9447294635, +91 9447169776

Email: training@ipsrsolutions.com

Website: <http://www.ipsr.edu.in/>

Learn_from_Home Portal: <https://lms.ipsr.edu.in/>

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