

IARE

Institution of Automation Research and Engineering

Course Outline

Program:	Full Stack Web Development With Django
Course Code:	FSD x1
Course Duration:	8 Weeks
Enrolment Fee:	FREE
Mentor:	ASM Touhidul Hasan, Ph.D. CEO and Research Director, IARE
Instructors:	Durjoy Mistry, Sk. Yeasin Kabir Joy & Apubra Daria
Type of Medium :	Online
Class Hours:	Thursday Night at 10:00-11:00 PM
e-mail:	dee4code@gmail.com
Discussion:	https://t.me/+R5RmC15YwLg0NDk9
Prerequisite:	<ul style="list-style-type: none">*Must complete OOP 2 [Django] course from UAP or have work experience in Django.* Should know / learn Github and Gitlab.* Should be a team player.* Should know python.
Course Synopsis:	Back end: Django [Class based view development] Front end: Basic knowledge of HTML, CSS, Bootstrap, Javascript
Course Objectives:	<p>The objectives of this course are to</p> <ol style="list-style-type: none">1. Provide opportunities to develop full stack web applications with Django.2. Learn class based view development.3. Be able to do professional collaboration with team members.

Weekly Plan

Week	Task	Details	Assessment
Week 1	Orientation	We will discuss your career opportunities with IARE.	1%
Week 2	Existing Django Project	You will demonstrate your best django work so far.	8% [Bonus]
Week 3	Class based development learning.	You will start learning class based django view development from tutorials suggested by instructors.	1%
Week 4	Progress update - Mid	You will provide an update of your learning so far.	10%
Week 5	Progress update - Final	You will demonstrate your first django app with a class based view.	30%
Week 6	Final Project - Assignment	You will form a team of two. Propose a django module for IARE. Develop the module with collaboration.	10%
Week 7	Final Project - Update	You will show the final project code update. Demonstration Appreciated.	10%
Week 8	Final Project - Demonstration	You will demonstrate the final project.	40%

**** All demonstrations should be in Bangla.**

Our Expectation:

- You should understand and build django apps.
- Learn collaboration with github or gitlab.

Course Benefits:

Those who will complete the course attaining over **80** mark will have the following benefits:

1. IARE certification that can be added to your resume.
2. Internship Evaluation that will cover the course CSE 330 Industrial Training.
3. Prestigious IARE profile [[See Example](#)]
4. Research opportunities.
5. Make money with paid development opportunities.

Interested individuals are requested to fill this [form](#) for enrolment.