



MALLA REDDY ENGINEERING COLLEGE

(Autonomous)

Maisammaguda(H), Gundlapochampally Village, Medchal
Mandal, Medchal-Malkajgiri District, Telangana State – 500100

CIRCULAR

Date: 27/11/2019

All the 2nd/II Sem Year students are hereby informed that the Malla Reddy Engineering College (Autonomous) is planning to organize Value Added Courses like Industrial Robotics, Multimedia - 2D & 3D Basic Concepts, Green Matte Studio - Video Effects/Transitions, Different Technologies of Additive Manufacturing, Python with DJANGO, Foundations of Blockchain, Labview in Centre Of Excellence. In this regard Interested students are hereby directed to register for this Courses on or before 02/12/2019. For further details, please contact Centre of Excellence, MREC(A)


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Malla Reddy Engineering College
Maisammaguda, Dhulapally,
(Post Via Kompally), Sec'bad-500100

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MALLA REDDY ENGINEERING COLLEGE

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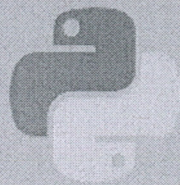
Maisammaguda, Dhulapally (Post) via Kompally,
Secunderabad-500100 Medchal - Malkajgiri District Telangana, India



COMPUTER SOFTWARE

**HTML, PYTHON WITH DJANGO, JAVA,
SCRATCH PROGRAMMING**

**LAB VIEW, FOUNDATION OF BLOCK CHAIN,
MATLAB, BLOCK CHAIN REVOLUTION, MATLAB PRO,
ADVANCE JAVA, ADVANCE PYTHON.**



python



Java

Course Duration -: 4 Months

Before Software can be Reusable

it First has to be Usable.

Raveesh

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Telangana State – 500100

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course Name: Python with DJANGO

Introduction to Django

What Is a Web Framework? The MVC Design Pattern, Django's History

Installation of Django

Installing Python, Installing Django, Setting Up a Database, Starting a Project , The Development Server, Django Commands Overview

The Basics of Dynamic Web Pages

Your First View: Dynamic Content, Mapping URLs to Views, How Django Processes a Request, URL configurations and Loose Coupling , Your Second View: Dynamic URLs, A Word About Pretty URLs, Wildcard URL patterns, Django's Pretty Error Pages

The Django Template System

Template System Basics, Using the Template System, Creating Template Objects, Rendering a Template, Multiple Contexts, Same Template, Context Variable Lookup, Playing with Context Objects, Basic Template Tags and Filters Tags, Philosophies and Limitations, Using Templates in Views, Template Loading, `render_to_response()`, The `locals()` Trick, Subdirectories in `get_template()`, The include Template Tag. Template Inheritance

Interacting with a Database: Models

The "Dumb" Way to Do Database Queries in Views, The MTV Development Pattern, Configuring the Database, Your First App Defining Models in Python, Your First Model, Installing the Model, Basic Data Access, Adding Model String Representations Inserting and Updating Data, Selecting Objects, Filtering Data, Retrieving Single Objects, Ordering Data, Chaining Lookups, Slicing Data, Deleting Objects, Making Changes to a Database Schema, Adding Fields, Removing Fields, Removing Many to Many Fields, Removing Models

The Django Administration Site

Activating the Admin Interface, Using the Admin Interface, Users, Groups and Permissions, Customizing the Admin Interface, Customizing the Admin Interface's Look and Feel, Customizing the Admin Index Page

Form Processing

Search, the "Perfect Form", Creating a Feedback Form, Processing the Submission, Custom Validation Rules, A Custom Look and Feel, Creating Forms from Models



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Advanced Views and URL configurations

URL configuration Tricks, Streamlining Function Imports, Using Multiple View Prefixes

Special-Casing URLs in Debug Mode, Using Named Groups, Understanding the Matching/Grouping Algorithm

Passing Extra Options to View Functions, Using Default View Arguments, Special-Casing Views

Capturing Text in URLs, Determining What the URL configuration Searches Against, Including Other URL configurations

How Captured Parameters Work with include(), How Extra URL configurations Options Work with include()

Section II : Django Sub Framework

Generic Views,

Using Generic Views, Generic Views of Objects, Extending Generic Views, Making “Friendly” Template Contexts

Adding Extra Context, Viewing Subsets of Objects, Complex Filtering with Wrapper Functions, Performing Extra Work

Extending the Template Engine

Template Language Review, Request Context and Context Processors, `django.core.context_processors.auth`, `django.core.context_processors.debug`, `django.core.context_processors.i18n`, `django.core.context_processors.request`, Guidelines for Writing Your Own Context Processors, Inside Template Loading, Extending the Template System, Creating a Template Library, Writing Custom Template Filters, Writing Custom Template Tags, Shortcut for Simple Tags, Inclusion Tags, Writing Custom Template Loaders, Using the Built-in Template Reference, Configuring the Template System in Standalone Mode

Generating Non-HTML Content

The Basics: Views and MIME Types, Producing CSV, Generating PDFs, Installing Report Lab, Writing Your View, Complex PDFs, Other Possibilities, The Syndication Feed Framework, Initialization. A Simple Feed, A More Complex Feed, Specifying the Type of Feed, Enclosures, Language, URLs, Publishing Atom and RSS Feeds in Tandem, The Sitemap Framework, Installation, Initialization, Sitemap Classes, Shortcuts, Creating a Sitemap Index, Pinging Google

Sessions, Users and Registration

Cookies, Getting and Setting Cookies, The Mixed Blessing of Cookies, Django's Session Framework, Enabling Sessions, Using Sessions in Views, Setting Test Cookies, Using Sessions Outside of Views, When Sessions Are Saved, Browser-Length Sessions vs Persistent Sessions, Other Session Settings, Users and Authentication, Enabling Authentication Support, Using Users, Logging In and Out, Limiting Access to Logged-in Users, Limiting Access to Users Who Pass a Test, Managing Users, Permissions and Groups, Using Authentication Data in Templates, The Other Bits: Permissions, Groups, Messages and Profiles, Permissions, Groups, Messages, Profiles



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Course:PYTHON
WITH DJANGO

Date:02/12/2019
to 28/03/2020

Registered Students

SL.No	Roll No	NAME	BRANCH
1.	18J41A01F7	ARKALA AKASH YADAV	CE
2.	18J41A01G1	MOHD SHAHZAD AHMED	CE
3.	18J41A01G4	PALAKURTHY MOUNIKA	CE
4.	18J41A1236	NETHIKUNTA SRUSHTIKA	IT
5.	18J41A1238	P SNEHA MITHRA	IT
6.	18J41A1241	PASHAM NARAYAN ROHITH REDDY	IT
7.	18J41A1244	PEDDI REDDY PRATHAP	IT
8.	18J41A1247	RAMAGIRI THARUN	IT
9.	18J41A1252	TANGUTURU VENKATA SAI HARSHIKA	IT
10.	18J41A1255	VAMSHI GANGARABOINA	IT
11.	18J41A1257	VARADA AKASH	IT
12.	18J41A1259	YAMSANI BHARGAV	IT
13.	18J41A1260	YARRAMSETTY NISHITHA	IT
14.	18J41A0234	Mahipathi Akshith	EEE
15.	18J41A0244	Guru Praveen reddy	EEE
16.	18J41A0238	Myaka vinay reddy	EEE
17.	18J41A0239	Myakala Shekar	EEE
18.	18J41A0241	Nenavath Akhil Sai	EEE
19.	18J41A0334	MOHAMMED AMER	ME
20.	18J41A0339	N GOPI SAINATH	ME
21.	18J41A0434	Mohammad Asif	ECE
22.	18J41A0438	Nelluri Sai Bhargav	ECE
23.	18J41A0442	ponnaveni chandrashekar	ECE
24.	18J41A0445	Ravula Saiteja	ECE
25.	18J41A0449	Sarikonda.Vijay Kumar	ECE
26.	18J41A0531	KOPPULA SAI PHANI	CSE
27.	18J41A0533	KUTHURU KARTHIK	CSE
28.	18J41A0536	MALLEPALLI HIMAJAREDDY	CSE
29.	18J41A0541	PEDDI SUNAYANI	CSE
30.	18J41A0544	POLISETTY SHRUTHI	CSE

Raveesh
Principal
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SUMMARY

PYTHON WITH DJANGO

Django is a high-level Python web framework that enables rapid development of secure and maintainable websites. Built by experienced developers, Django takes care of much of the hassle of web development, so you can focus on writing your app without needing to reinvent the wheel. It is free and open source, has a thriving and active community, great documentation, and many options for free and paid-for support.

Django helps you write software that is:

Complete

Django follows the "Batteries included" philosophy and provides almost everything developers might want to do "out of the box".

Versatile

Django can be (and has been) used to build almost any type of website — from content management systems and wikis, through to social networks and news sites. It can work with any client-side framework, and can deliver content in almost any format (including HTML, RSS feeds, JSON, XML, etc). The site you are currently reading is built with Django!

Secure

Django helps developers avoid many common security mistakes by providing a framework that has been engineered to "do the right things" to protect the website automatically

Scalable

Django uses a component-based “shared-nothing” architecture (each part of the architecture is independent of the others, and can hence be replaced or changed if needed). Having a clear separation between the different parts means that it can scale for increased traffic by adding hardware at any level: caching servers, database servers, or application servers.

Maintainable

Django code is written using design principles and patterns that encourage the creation of maintainable and reusable code. In particular, it makes use of the Don't Repeat Yourself (DRY) principle so there is no unnecessary duplication, reducing the amount of code.

Portable

Django is written in Python, which runs on many platforms. That means that you are not tied to any particular server platform, and can run your applications on many flavours of Linux, Windows, and Mac OS X.



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Certificate Of the Course Completion

This is to Certify that

PASHAM NARAYAN ROHITH REDDY

*has Successfully Completed Python With Django
Course Offered by Centre of Excellence, MREC(A) on 28/03/2020
bearing with Roll No. 18741A1241 and Branch IT.*

Dr.N.Rishikanth
COE Dean

Principal
Malla Reddy Engineering College
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Dr.S.Sudhakara Reddy
Conference Chair &Principal



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Certificate Of the Course Completion

This is to Certify that

POLISSETTY SHRUTHI

*has Successfully Completed Python With Django
Course Offered by Centre of Excellence, MREC(A) on 28/03/2020
bearing with Roll No. 18J41A01G4 and Branch CE.*

Dr.N.Rishikanth
COE Dean

Principal
Malla Reddy Engineering College
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Dr.S.Sudhakara Reddy
Conference Chair & Principal



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TANGUTURU VENKATA SAI HARSHIKA

*has Successfully Completed Python With Django
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bearing with Roll No. 18J41A1252 and Branch IT.*

Dr.N.Rishikanth
COE Dean

Principal
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Dr.S.Sudhakara Reddy
Conference Chair &Principal



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This is to Certify that

MALLEPALLI HIMAJAREDDY

*has Successfully Completed Python With Django
Course Offered by Centre of Excellence, MREC(A) on 28/03/2020
bearing with Roll No. 18741A0536 and Branch CSE.*

Dr.N.Rishikanth
COE Dean

Principal
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Dr.S.Sudhakara Reddy
Conference Chair &Principal



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Certificate Of the Course Completion

This is to Certify that

PALAKURTHY MOUNIKA

*has Successfully Completed Python With Django
Course Offered by Centre of Excellence, MREC(A) on 28/03/2020
bearing with Roll No. 18J41A01G4 and Branch CE.*

Dr.N.Rishikanth
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