



MALLA REDDY ENGINEERING COLLEGE

(Autonomous)

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

CIRCULAR

Date: 07/11/2017

All the 3rd/II Year/Sem students are hereby informed that the Malla Reddy Engineering College (Autonomous) is planning to organize Value Added Courses like Remote Controlled Robotics -II, Multimedia - 2D & 3D Basic Animations, Green Matte Studio - Audio Effects/Transitions, Anatomy of a 3D Printer, Live demo of 3D Printing, Advanced PYTHON in Centre Of Excellence. In this regard Interested students are hereby directed to register for this Courses on or before 12/11/2017. For further details, please contact Centre of Excellence, MREC(A)

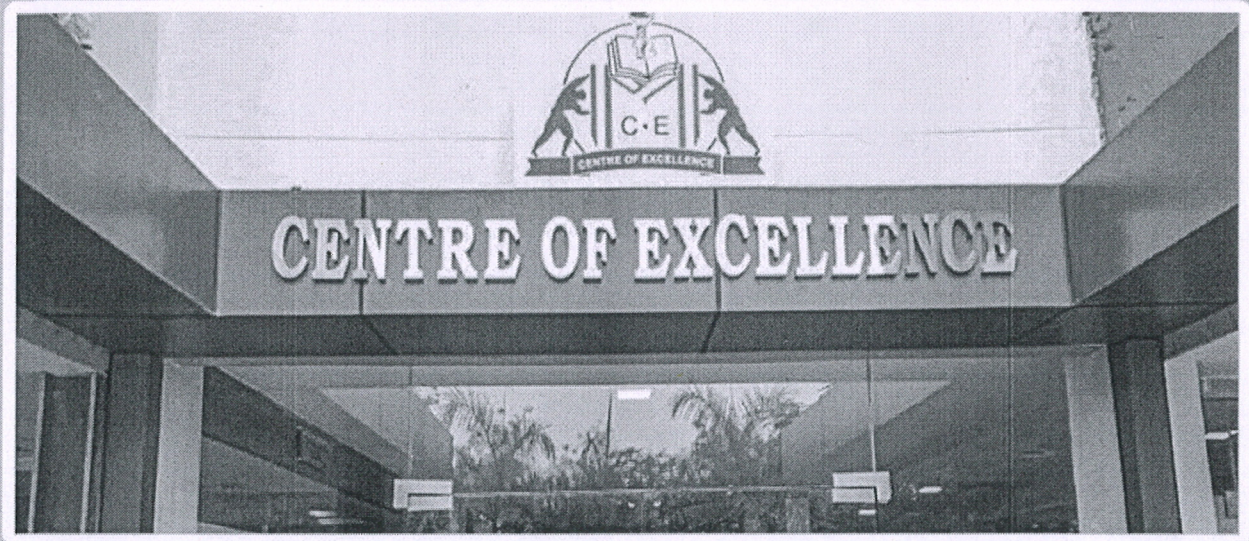
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8. Security Officer-for necessary action
9. Transport Manager-for necessary action
10. TEQIP Coordinator & Academic Cell
11. Admin Office
12. System Admin
13. Placement Cell
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Principal
Principal
Malla Reddy Engineering College
Malsammaguda, Dhulapally,
(Post Via Kompally), Sec'bad-500100



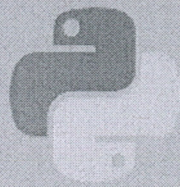
MALLA REDDY ENGINEERING COLLEGE
MAIN CAMPUS, AUTONOMOUS INSTITUTION
Maisammaguda, Dhulapally (Post) via Kompally,
Secunderabad-500100 Medchal - Malkajgiri District Telangana, India



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



MALLA REDDY ENGINEERING COLLEGE

(An UGC Autonomous Institution, Affiliated to JNTUH,
Accredited 2nd time by NAAC with 'A' Grade & NBA)
Maisammaguda (H), Medchal-Malkajgiri District,
Telangana State – 500100

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course Name: Advanced Python

Python Modules

Advanced Python, What is a Module? Types of Modules, The import Statement, The from...import Statement, ..import * Statement, Underscores in Python, The dir() Function, Creating User defined Modules, Command line Arguments, Python Module Search Path

Packages in Python

What is a Package? Introduction to Packages, py file, Importing module from a package, Creating a Package, Creating Sub Package Importing from Sub-Packages, Popular Python Packages

File Handling

What is a data, Information File? File Objects, File Different Modes and Object Attributes, How to create a Text File and Append Data to a File and Read a File, Closing a file, Read, read line ,read lines, write, write lines...!!, Renaming and Deleting Files,

Exception Handling

Importance Of Exception, Try ... finally. Argument of an Exception, Python Custom Exceptions, Ignore Errors, Assertions, Handling IO Exceptions

Python Class and Objects

Introduction to OOPs Programming, Object Oriented Programming System, OOPS Principles, Define Classes, Creating Objects, Class variables and Instance Variables Constructors, Basic concept of Object and Classes, Access Modifiers, How to define Python classes, Python Namespace, Self-variable in python , Garbage Collection, What is Inheritance? Types of Inheritance? How Inheritance works? Python Multiple Inheritance, Overloading and Over Riding, Polymorphism, Abstraction Encapsulation, Built-In Class Attributes

GUI Programming-Tkinter

Introduction ,Components and Events

Adding Controls, Entry Widget, Text Widget, Radio Button, Check Button, List Boxes, Menus, ComboBox



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Village,
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District,
Telangana State - 500100

Course:ADVANCED
PYTHON
Date:12/11/2017 to
07/04/2018

Registered Students

SL.No	Roll No	NAME	BRANCH
1	15J41A0171	CH R V SANDEEP	CE
2	15J41A0179	ERROJU NAVYA	CE
3	15J41A0184	JILUKARA AKHILKUMAR	CE
4	15J41A0188	KATIPELLY VINAY REDDY	CE
5	15J41A0191	KONDU RAKESH	CE
6	15J41A0242	PEDDAPALLI VAMSHI	EEE
7	15J41A0248	RAMALA QUENCY VERONICA	EEE
8	15J41A0253	SEELAMANTHULA SHIVA	EEE
9	15J41A0257	THANGELLAPELLI VAMSHI KRISHNA	EEE
10	15J41A0260	VUTUKURU NAVEEN VENKAT	EEE
11	15J41A0374	DODDA VINEETHRAJ	ME
12	15J41A0382	K N CHAITANYA	ME
13	15J41A0387	KODAM MANASWINI	ME
14	15J41A0391	MAMIDALA PRASHANTH	ME
15	15J41A0395	MOHARLE ANAND RAO	ME
16	15J41A0473	DONKENA YASWANTH	ECE
17	15J41A0479	HANUMANTHU VIJAY	ECE
18	15J41A0484	JUTHU YASHWANTH KUMAR	ECE
19	15J41A0488	KOMMU SUDHEER KUMAR	ECE
20	15J41A0491	L S S S SASHANK	ECE
21	15J41A2546	SANDRALA NAGENDAR	MINING
22	15J41A2554	TAKKURI PRANAY	MINING
23	16J45A2503	BUDDE ABHISHEK	MINING
24	16J45A2508	MOHAMMED ASLAM AHMED	MINING
25	14J41A2522	GUNREDDY MANOJ KUMAR	MINING
26	15J41A0572	DASARI VAMSI KRISHNA	CSE
27	15J41A0579	GARDAS SAMHITH	CSE
28	15J41A0584	K SANJAY BHARGAV	CSE
29	15J41A0588	KARRE SREEMAN	CSE

Ramesh
Principal
Malla Reddy Engineering College
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(Post Via Kompally), Sec'bad-500100

SUMMARY

ADVANCED PYTHON

The advanced features of any programming language are usually discovered through extensive experience. You're coding up a complicated project and find yourself searching for something on stackoverflow. You then come across a beautifully elegant solution to your problem that uses a Python feature you never even knew existed

Python language which can be considered advanced — in the sense that not every language has them, and also in the sense that they are more useful in more complicated programs or libraries, but not in the sense of being particularly specialized, or particularly complicated.

It is important to underline that this chapter is purely about the language itself — about features supported through special syntax complemented by functionality of the Python stdlib, which could not be implemented through clever external modules.

The process of developing the Python programming language, its syntax, is very transparent; proposed changes are evaluated from various angles and discussed via *Python Enhancement Proposals* — PEPs.



MALLA REDDY ENGINEERING COLLEGE

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Certificate Of the Course Completion

This is to Certify that

K N CHAITANYA

*has Successfully Completed Advance Python Offered by Centre of Excellence,
MREC(A) on 07/04/2018 bearing with Roll No. 15J41A0382 and
Branch ME.*

Dr. Yogesh Madaria
CONVENOR

Principal
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Maisammaguda, Dhulapally,
(Post Via Kompally), Sec'bad-500100

Dr. S. Sudhakara Reddy
Conference Chair & Principal



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Certificate

Of the Course Completion

This is to Certify that

K SANJAY BHARGAV

*has Successfully Completed Advance Python Offered by Centre of Excellence,
MREC(A) on 07/04/2018 bearing with Roll No. 15J41A0584 and*

Branch CSE.

Dr. Yogesh Madaria
CONVENOR

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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

TAKKURI PRANAY

*has Successfully Completed Advance Python Offered by Centre of Excellence,
MREC(A) on 07/04/2018 bearing with Roll No. 15J41A2554 and
Branch MINING.*

Dr. Yogesh Madaria
CONVENOR

Principal
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Dr. S. Sudhakara Reddy
Conference Chair & Principal