



MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)
(An UGC Autonomous Institution, Affiliated to JNTUH, Hyderabad Accredited 2nd time by NAAC
with 'A' Grade & NBA and Recipient of World Bank Assistance under TEQIP--II S.C. 1.1)
Maisammaguda (H), Medchal-Malkajgiri District, Secunderabad,
Telangana State – 500100
www.mrec.ac.in

Department of Computer Science and Engineering

CIRCULAR

Date: 05/08/2015

All the students are hereby informed that Value Added Course on “**Python Programming**” is being organized by the **Computer Science and Engineering** department on dated **18th Sept 2015 to 26th Oct 2015**. The resource person for the course is **Mr. Karthik, Broadridge India Pvt Ltd**”.

Students are advised to register their names to the programme coordinator “**Mr. ArunKumar, Asst Prof, CSE Dept**”, on or before 12/09/2015 and utilize this opportunity to enhance their skills by attending the programme.

The detailed schedule of the programme will be displayed in the notice board.

Masifani
Head of the Department

Copy to:

- 1) Circulation in Students classroom
- 2) All HOD's
- 3) Notice Boards
- 4) PA to principal for filing.



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

About the Institution

Malla Reddy Engineering College (Autonomous) is one of the reputed engineering colleges in Hyderabad, Telangana. **MREC (A)** is part of Malla Reddy Group of Institutions (MRGI), founded by Sri. Ch. Malla Reddy, currently Hon'ble Minister, Labor and Employment, Factories, Women and Child Welfare and Skill Development, Govt. of Telangana State. The college is situated in a serene, lush green environment in Maisammaguda, Gundlapochampally, Medchal(M), Medchal-Malkajgiri District Telangana- 500100.

The college was established in 2002 and is an autonomous institution approved by UGC and affiliated to JNTUH. The college is re-accredited by NAAC with 'A' Grade (II Cycle) and was conferred autonomous status by JNTUH in 2011 and by UGC in 2014 for a period of 6 years. Our eligible UG and PG programs received NBA accreditation and some of them received reaccreditation too. The college caters to wide ranging aspirations and goals of student communities by offering new courses in UG courses provides PG courses and MBA along with programs in various streams of Engineering & Technology and Management. It boasts of world-class infrastructure and well-equipped laboratories in all departments and is skillfully and smartly guided by **Dr. S. Sudhakara Reddy, Principal, MREC (A)** who have a rich teaching and industrial experience.



Advisory Committee

Chief Patrons: Sri. Ch. Malla Reddy
Founder Chairman
Malla Reddy Group of Institutions

Patrons: Sri.Ch. Mahender Reddy
Secretary, MRGI
Dr.Ch.Bhadra Reddy
President, MRGI

Co-Patrons: Dr.S. Sudhakara Reddy
Principal, MREC (A)

Convener: Dr. Md. Masthan
HOD CSE

Coordinator: Mr. K. Arun Kumar
Assistant Professor, CSE

Resource Person: Mr. Karthik,
Broadge India Pvt. Ltd.

Organizing Committee:

Dr. R P Ramkumar, Professor, CSE

Dr. S. Dhanalakshmi, Professor, CSE

Mr. Sanjeeva Polepaka, Associate Professor, CSE

Mr. P.V.Ramana Murthy, Assistant Professor, CSE

Ms. S. Sandhya Ran, Assistant Professor, CSE

Mr.Md. Inayathulla, Assistant Professor, CSE

Mr.A.Lakshman, Assistant Professor, CSE

Mr.Yarava Rakesh Kumar, Assistant Professor, CSE

Mrs.G. Vamshi Krishna, Assistant Professor, CSE

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



*A One-Month Skill development Course
(Value added Course)*

On

"Python Programming"

(18th September 2015 to 26th October 2015)

(4:30 p.m. to 5:30 p.m.)



*Organized by
Department of*

**Computer Science and Engineering
MALLA REDDY ENGINEERING COLLEGE**

(AUTONOMOUS) MAIN CAMPUS

An UGC Autonomous Institution, Approved by
AICTE & Affiliated to JNTUH-Hyderabad
Reaccredited by NAAC with 'A' Grade (II Cycle)
Maisammaguda(H), Gundlapochampally (V),
Medchal (M), Medchal - Malkajgiri District
Telangana - 500100, India.

Registration Form

Name of the Participant :-----

Branch & Year :-----

Name of Institution:-----

Address for Communication:-----

Mobile Number:-----

E-Mail ID:-----

DECLARATION:

The information furnished above is true to the best of my Knowledge.

Place:

Date:

Signature of Applicant



Rawal
Principal
Malla Reddy Engineering College
Maisammaguda, Dhulapally
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About the Department

The Department of CSE was started in the year 2005 with a vision of imparting high-quality education to suite the global standards in Computer science and Engineering. The department has got highly qualified & committed faculty members supported by dedicated technical staff.

The department has its own library and sophisticated laboratories not only to suite curriculum requirements but also to serve research needs such as Computer Networks, Data Mining, Software Engineering, Image processing & Cloud Computing. Workshops, software simulation etc.

The department formed CSI and ISTE student branch for the benefit of students and faculty by conducting technical Conferences, workshops, FDPs and Guest lectures.

Overview of the Programme

Python Programming course will provide best, and most relative contents required for making the participants comfortable with Python Programming Language. The main motive of the course will be to help students get started with python programming language and motivate them to gain knowledge on deeper concepts of the language.

Objectives of the Programme

During the Python Programming course, administered by the undersigned instructor, the student was able to proficiently:

- Understand the Python Installation and Environment.
- Understand python basics, algorithms, and programs
- Understand the control flow and looping statements, functions, and methods.
- Learn about concepts of Lists, Tuples, strings, Dictionaries and File I/O.
- Explore about exceptional handling and error handling and object-oriented concepts.

Topics to be covered

- Fundamentals of Python programming
- Basics of Variables statements and expressions.
- Methods and functions.
- List, Tuples, Dictionaries, and Strings
- Object oriented programming concepts.

Certificate

After successful completion of the course the certificates shall be issued to the participants.

Outcome of the program,

On completion of this course, participants will be able to equip with all the skills required to match their expectations.



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VAC PYTHON PROGRAMMING SYLLABUS

1. Introduction to Python: Python variables, Python basic Operators,
2. Understanding python blocks. Python Data Types, Declaring and using Numeric data types: int, float etc.
3. Python Program Flow Control Conditional blocks: if, else and else if, Simple for loops in python, For loop using ranges, string, list and dictionaries.
4. Use of while loops in python, Loop manipulation using pass, continue, break and else. Programming using Python conditional and loop blocks.
5. Python Complex data types: Using string data type and string operations, Defining list and list slicing, Use of Tuple data type. String, List and Dictionary, Manipulations Building blocks of python programs,
6. string manipulation methods, List manipulation. Dictionary manipulation, Programming using string, list and dictionary in-built functions. Python Functions, Organizing python codes using functions.
7. Python File Operations: Reading files, Writing files in python, Understanding read functions, read(), readline(), readlines().
8. Understanding write functions, write() and writelines() Manipulating file pointer using seek Programming, using file operations. Database Programming: Connecting to a database, Creating Tables, INSERT, UPDATE, DELETE and READ operations, Transaction Control, Disconnecting from a database, Exception Handling in Databases.
9. Python packages: Simple programs using the built-in functions of packages matplotlib,
10. numpy, pandas etc. GUI Programming: Tkinter introduction, Tkinter and Python Programming, Tk Widgets, Tkinter examples. Python programming with IDE.



Rawsh
Principal
Malla Reddy Engineering College
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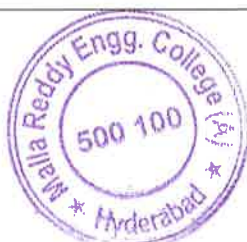
Department: CSE

Course Name: PYTHON

Date:18/09/2015-26/10/2015

**Value Added Courses
List of Students enrolled and completed**

Sl.No	Roll No	Name of the students	Year/Semester
1	13J41A05G0	P SAI VIJAYA VAMSHIKA	III/II
2	13J41A05G1	PERUMALLA VENKATA MOUNIKA	III/II
3	13J41A05G2	PITLA ANITH KUMAR	III/II
4	13J41A05G3	POLURI SRIKANTH	III/II
5	13J41A05G4	MOUNICA MARY PONDRAJ	III/II
6	13J41A05G5	PUJARI SAI KUMAR	III/II
7	13J41A05E9	KONA ALEKHYA	III/II
8	13J41A05F0	KONDRU SESHU SURENDRA KUMAR	III/II
9	13J41A05P6	T HARSHA VARDHAN REDDY	III/II
10	13J41A05P7	T Y S JAWAHAR REDDY	III/II
11	13J41A05P8	THOKALA PHANINDRA	III/II
12	13J41A05P9	V JHANSILAKSHMI	III/II
13	13J41A05Q0	Y SIDDARTH	III/II
14	12J41A0502	ALAMPALLY VIVEK	III/II
15	12J41A0504	ARAVINDALOCHANAN R	III/II
16	12J41A0506	BATTU SAIKRISHNA CHAITANYA	III/II
17	12J41A0507	CH GOPI SRINIVAS	III/II
18	12J41A0508	CHADA JAYA CHANDRA REDDY	III/II
19	12J41A0509	CHIKOTI REVATHI	III/II
20	12J41A0511	CHIRRAM THIRUPATHI	III/II
21	12J41A0512	DARAM RAVALI	III/II
22	12J41A0513	DEVYANI SINGH BAGHEL	III/II
23	12J41A0514	DODDA RASHMITHA	III/II
24	12J41A0515	DUNGROTH SWATHI	III/II
25	12J41A0516	ERABELLY KRANTHI KUMAR	III/II
26	12J41A0528	KASAMSETTY HARISH KUMAR	III/II
27	12J41A0529	KUDALA SUKUMAR	III/II
28	12J41A0530	M HARITHA	III/II
29	12J41A0531	M MANOJ KUMAR	III/II
30	12J41A0532	MADIBOENA NIKHIL	III/II



Ramesh
Principal
Malla Reddy Engineering College
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31	12J41A0533	MATAM SHIVANI	III/II
32	12J41A0534	MEESALA MADHUKAR RAO	III/II
33	12J41A0536	MORTALA MOUNIKA	III/II
34	12J41A0537	MULA PAVAN KUMAR	III/II
35	12J41A0539	NAGAMPALLI VENKATA RAMAYYA	III/II
36	12J41A0540	NALLAPU RAJKUMAR	III/II
37	12J41A0541	NAMSANI MANASA	III/II
38	12J41A0542	NERENDLA SHRAVYA	III/II
39	12J41A0544	NITTURI ASHVITHA	III/II
40	12J41A0545	NUKALA NAVYA	III/II
41	12J41A0546	PEDDINI VENKATESH	III/II
42	12J41A0547	PONUGOTI ALEKHYA	III/II
43	12J41A0551	S TARUN KUMAR	III/II
44	12J41A0552	SENNAMSETTY SUNEHA	III/II
45	12J41A0553	SHAIK RIAZ PASHA	III/II
46	12J41A0554	SINGIRYALA REVENTH VEDAVYASAN	III/II
47	12J41A0555	SUPRIYA D	III/II
48	12J41A05A9	S SAI KIRAN	III/II



Raund
Principal
Malla Reddy Engineering College
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VAC – Python – Summary

20.10.2015

The Value Added Course on Python has been taken up with an objective of introducing an additional programming language which is neither purely object oriented nor structured. Keeping in view of the demand for Python programming in the industry other than C, C++ and Java which any way students are familiar, the course is introduced . Also since it is after class hours without disturbing the regular schedule, we could able to run smoothly. The speaker has vast experience in programming languages and hence the course has been very interesting to the students in duration of the course.

Right from fundamentals of Python, comparison of other programming languages, practical application in the real time software development are covered.

Since the course required hands on practice and the students are seriously involved in learning the language. Even though the course is after class hours and students turn out and support has been very encouraging . The students were of the view that they can learn extra knowledge other than the curriculum by attending such courses. Since certificates are issued for the students who completed the course successfully, students shown lot of enthusiasm during the course.

The course has been chosen as Python programming language has been widely used in lot of applications in emerging technologies like Machine Learning, Data Science , Artificial Intelligence and IOT. The students can do Mini or Major projects using this programming language as the Software Industry is in dire need of Python professionals.

The course is conducted from 14th Sept 2015 to 20th Oct 2015 in the evening after class hours in order not to disturb the regular class work and to facilitate the students to learn more. The attendance for the course is satisfactory and the certificates are given to the eligible students in the end.



Raush
Principal
Malla Reddy Engineering College
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VAC PYTHON



Raush

Principal
Malla Reddy Engineering College
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. KONA ALEKHYA bearing Roll No. 13J41A05E9 has successfully completed Certificate / Value Added Course / Workshop in PYTHON conducted by the Department of Computer Science and Engineering from 18th September 2015 to 26th October 2015.

K.R.K

COORDINATOR

M. Jafar
HOD

Ramsh

Jur

PRINCIPAL



Principal
Malla Reddy Engineering College
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. DARAM RAVALI bearing Roll No. 12J41A0512 has successfully completed Certificate / Value Added Course / Workshop in PYTHON conducted by the Department of Computer Science and Engineering from 18th September 2015 to 26th October 2015.

K.R.B.

COORDINATOR

Masafoni
HOD

Ramulu
Principal

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





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. M HARITHA bearing Roll No. 12J41A0530 has successfully completed Certificate / Value Added Course / Workshop in PYTHON conducted by the Department of Computer Science and Engineering from 18th September 2015 to 26th October 2015.

K.R.K.

COORDINATOR



Masifani
HOD

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

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. MULA PAVAN KUMAR bearing Roll No. 12J41A0537 has successfully completed Certificate / Value Added Course / Workshop in PYTHON conducted by the Department of Computer Science and Engineering from 18th September 2015 to 26th October 2015.

K. R. K.
COORDINATOR



Masafani
HOD

Ramulu

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

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms S TARUN KUMAR bearing Roll No. 12J41A0551 has successfully completed Certificate / Value Added Course / Workshop in PYTHON conducted by the Department of Computer Science and Engineering from 18th September 2015 to 26th October 2015.

K.R.K
COORDINATOR



Manjari
HOD

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

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PRINCIPAL