



**MKR GOVT. DEGREE COLLEGE**  
(Accredited with B<sup>++</sup> Grade by NAAC, ISO 9001-2015)  
Affiliated to Mahatma Gandhi University  
DEVARAKONDA, NALGONDA, TELANGANA



***A REPORT ON***  
**CERTIFICATE COURSE IN PYTHON**  
**(3-3-2022 to 06-04-2023)**



***ORGANIZED***  
***BY***  
**Department of Computer Science**

**2022-2023**



# MKR GOVERNMENT DEGREE COLLEGE

DEVARAKONDA (Dist. NALGONDA) – 508 248

(Accredited with B<sup>++</sup>Grade by NAAC)

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Website: <https://gdcts.cgg.gov.in/devarakonda.edu>

Dr. Ch. RamaRaju, M.Sc., M. Ed, Ph.D.

Principal(FAC)

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## OBJECTIVE

Python is an open source community language, so numerous independent programmers are continually building libraries and functionality for it. Professionally, Python is great for backed web development, data analysis, artificial intelligence, and scientific computing

## CONTENTS

1. Introduction
2. Software installing
3. Implementing First Program
4. Compiling and Executing Program
5. Keywords or Terminology
6. Control Statements
7. Decision Making
8. Functions
9. Arrays
10. Implementing Programs
11. Project

## REPORT

we started course on 3<sup>RD</sup> March 2023 'WHAT IS PYTHON' compare with other languages .How to compile and executing the program. A small project is done by students with the help of faculty.

**Problems** In general, mistakes in Python are normally classified into kinds of mistakes and those are compiler and runtime mistakes. Compiler mistakes confer with mistakes that arise while you coach Python to run the application, however it fails and similarly ends in syntax mistakes.

Runtime mistakes are mistakes that arise after the code has been compiled and this system continues to be running, inflicting it to act all of sudden or maybe crash.

Fortunately, Python functions a shell script, that is a laptop application that allows coders pick out troubles in a less difficult way.

# OUTCOMES

Students are showing interest to learn and how to develop a python but they not able to develop programming logic to implement .They don't have financial fit to buy computers and practice at home to improve logic at home .





**MKR Government Degree College**  
Devarakonda, Dist. Nalgonda, Telangana  
Accredited with NACC B++

## CERTIFICATE

PRESENTED TO :

*MUDIGONDA AKHIL*

for successful completion of the certificate course on 'Python Basics' organized by Department of Computer Science, MKR Government Degree college, Devarakonda, Dist. Nalgonda Academic year 2022-2023.

ACADEMIC CO-ORDINATOR

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PRINCIPAL

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MKR GOVT DEGREE COLLEGE DEVARAKONDA PYTHON CERTIFICATE COURSE 2022-23

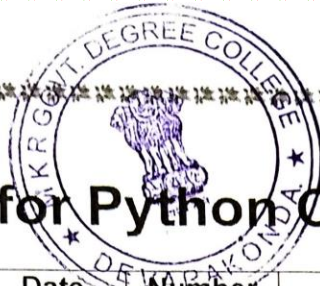
Student Attendance

HTNO	STUDENT NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30%		
20044026468001	ANGOTHU SHANKAR	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	10	33
20044026468002	CHILUMUJA NAVEEN	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	10	33
20044026468003	CHINTHOJU MEENA	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	10	33
20044026468004	DHANAVATH SHIVA	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	10	33
20044026468005	ESLAVATH KOTESH	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	10	33
20044026468006	GADHAM ANEEL	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	10	33
20044026468007	GUNTOJU ALAY	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	10	33
20044026468008	JANGALA POOLITHA	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	10	33
20044026468009	JHANSI AMBULA	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	10	33
20044026468011	MOHAMMAD UMMAR	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	10	33
20044026468012	MOHAMMED MISBAUDDIN	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	10	33
20044026468014	MUDIGONDA AKHIL	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	10	33
20044026468015	NARIMALLA VENKATESH	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	10	33
20044026468016	NAZMA SHAIK	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	10	33
20044026468017	NEHAVATH NAVEEN	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	10	33
20044026468018	NEHAVATH SURENDHAR	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	10	33
20044026468019	NETHALLA LAKSHMAIAH	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	10	33
20044026468020	NUNE HYMAVATHI	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	10	33
20044026468021	NIJHANAGANTI	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	10	33
20044026468022	PANUGANTI SAI KIRAN	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	10	33
20044026468024	PULIJALA SHIVA	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	10	33
20044026468025	RAMAVATH RAVI	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	10	33
20044026468026	REVALI SAI SHIREESHA	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	10	33
20044026468027	THAMMISHETTI NAGARAJU	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	10	33
20044026468028	VALLAPU ANUSHA	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	10	33
20044026468029	VENUGOPAL MALLAM	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	10	33
20044026468030	YERRA ASHOK	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	10	33
20044026468031	YETHAM KONDAL	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	10	33
	No. of students present	10	9	8	5	12	11	9	10	16	13	8	7	12	17	14	8	9	11	15	11	10	9	12	10	14	13	10	9	12	24		
	FACULTY SIGN																																

*Chakravarthy*

M.K.R. Government Degree College,  
Devarakonda, Nalgonda, Dt. 508248





# Time Table for Python Course -2022-23

S.No.	Topic Covered	Date	Number of Students Attended by	Task given by Faculty	Signature of Faculty	Remarks
1.	Introduction by Principal, Academic coordinator, head of the Department and faculties	3-3-2023	10	Opening ceremony	<i>[Signature]</i>	
2.	Python overview	6-3-2023	9	c, c++, java advantages & disadvantages	<i>[Signature]</i>	
3.	How to Install Python on Windows	7-3-2023	8	What is software	<i>[Signature]</i>	
4.	Create Your First Python Program	9-3-2023	5	compiling	<i>[Signature]</i>	
5.	How to Print in Python with Examples	13-3-2023	12	Practice programs	<i>[Signature]</i>	
6.	How to Define/Declare String Variable Types	14-3-2023	11	Practice programs	<i>[Signature]</i>	
7.	Python Escape Character Sequences	15-3-2023	9	Practice programs	<i>[Signature]</i>	
8.	Arithmetic, Logical, Comparison, Assignment, Bitwise & Precedence	24-3-2023	10	Practice programs	<i>[Signature]</i>	
9.	Windows, Mac, Linux, Script, Command Line python versions	25-3-2023	16	Practice programs	<i>[Signature]</i>	
10.	Python Conditional Statements IF...Else, ELIF & Switch Case	27-3-2023	13	Practice programs	<i>[Signature]</i>	
11.	Python loops with examples	29-3-2023	8	Practice programs	<i>[Signature]</i>	
12.	Python jump statements	10-4-2023	7	Practice programs	<i>[Signature]</i>	
13.	Quiz	12-4-2023	12	Participating in quiz	<i>[Signature]</i>	
14.	Class, Object, Inheritance and Constructor with Example	15-4-2023	17	Practice programs	<i>[Signature]</i>	
15.	Python iterator, Python interface	17-4-2023	14	Practice programs	<i>[Signature]</i>	
16.	Polymorphism in Python with EXAMPLES	18-4-2023	8	Practice programs	<i>[Signature]</i>	
17.	Mutable & Immutable Objects in Python {EXAMPLES}	19-4-2023	9	Practice programs	<i>[Signature]</i>	
18.	String Functions Replace, Join, Split, Reverse,	20-4-2023	11	Practice programs	<i>[Signature]</i>	



	Uppercase & Lowercase					
19.	Python Functions Understand __main__ Call, Indentation, Arguments & Return Values	24-4-2023	15	Practice programs	<i>heli</i>	
20.	Create, Reverse, Pop with Python Array Examples	25-4-2023	11	Practice programs	<i>heli</i>	
21.	What's the Difference? Between different languages like c,c++, java, javasript, php.. etc	26-4-2023	10	Practice programs	<i>heli</i>	
22.	Connect, Create Database, Table, Insert	27-4-2023	9	Practice programs	<i>heli</i>	
23.	File handling How to Create, Open, Append, Read, Write	28-4-2023	12	Practice programs	<i>heli</i>	
24.	Python MySQL	29-4-2023	10	Practice programs	<i>heli</i>	
25.	Quiz	1-5-2023	14	Participating in quiz	<i>heli</i>	
26.	Programs on LCM, GCD, factorial, prime numbers, Armstrong number, Fibonacci	2-5-2023	13	Practice programs	<i>heli</i>	
27.	Small project on python	3-5-2023	10	Implementing simple calculator	<i>heli</i>	
28.	Developing the project	4-5-2023	9	Implementing simple calculator	<i>heli</i>	
29.	Developing the project	5-5-2023	12	Implementing simple calculator	<i>heli</i>	
30.	Exam on python	6-5-2023	24	Conducted Exam	<i>heli</i>	

1) *Shubhan*

2) *heli*

Faculty Signature

*gan*  
(N. Bala)

*Chhannappa*

PRINCIPAL (FAC)

M. K. P. Government Degree College

Naigonda, Naigonda. Dt. 06-05-2023