

# GOVERNMENT DEGREE COLLEGE

KARVETINAGARAM, Chittoor District

ANDHRA PRADESH



## Certificate Course in “Python Programming”

05.01.2026 to 28.02.2026

Department of Computer Science

2025-26

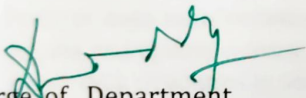


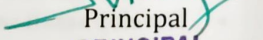
**Government Degree College, Karvetinagaram**  
**Department of Computer Science**  
**2025-2026**  
**Certificate Course on "Python Programming"**

**CERCULAR**

**05.01.2026**

This is to inform all the students, that the Dept. of Computer Science is going to conduct a certificate course on "Python Programming" for the year 2025-26. This course starts on 05-1-2026 closes on 02-03-2026 with a duration of 30 days. Interested students can give the names to K.Eswara Reddy, In charge of certificate course, Dept. of Computer Science.

  
In charge of Department

  
Principal  
**PRINCIPAL**  
**GOVT. DEGREE COLLEGE**  
**KARVETINAGAR - 517 582.**  
**Chittoor Dt. A.P.**

## Course Objectives :

### **1. Learn Basic Programming Concepts**

- Learn **syntax and structure** of Python language
- Understand **variables, data types, and operators**
- Learn **input and output operations**

### **2. Develop Problem-Solving Skills**

- Break problems into **smaller steps**
- Design **algorithms and flowcharts**
- Implement solutions using Python code
- Test and debug programs

### **3. Understand Data Structures and Functions**

- Learn **lists, tuples, sets, and dictionaries**
- Understand **functions and modular programming**
- Use **loops and conditional statements**
- Improve **program efficiency and readability**

### **4. Build Applications and Automation**

- Automate repetitive tasks
- Create **desktop and web applications**
- Process files and data
- Develop **small software tools**

### **5. Apply Python in Advanced Fields**

- **Data Science and Data Visualization**
- **Artificial Intelligence and Machine Learning**
- **Web Development**
- **Scientific and Bioinformatics Applications**

## Learning outcomes:

### 1. Understand Basic Python Concepts

- Understand **Python syntax and structure**
- Use **variables, data types, and operators**
- Perform **input and output operations**
- Write simple Python programs

### 2. Apply Control Structures

- Use **decision-making statements** (if, if-else, elif)
- Implement **loops** (for, while)
- Control program flow using **break, continue, pass**
- Solve problems using **logical conditions**

### 3. Work with Functions and Modules

- **Define and call functions**
- Use **parameters and return values**
- Understand **local and global variables**
- Import and use **Python modules**

### 4. Use Data Structures

- Work with **Lists, Tuples, Sets, and Dictionaries**
- Perform **data manipulation and storage**
- Access and update elements
- Apply data structures in solving problems

### 5. Develop Problem-Solving Programs

- **Design algorithms for problems**
- **Write complete Python programs**
- **Debug and test programs**
- Build small **applications and scripts**

# SYLLABUS

## Unit - I: Introduction to Python

- History and features of Python
- Applications of Python
- Installing Python and IDE (IDLE, PyCharm, VS Code)
- Python interpreter and interactive mode
- Structure of a Python program
- Tokens, keywords, identifiers
- Variables and data types
- Operators in Python
  - Arithmetic operators
  - Relational operators
  - Logical operators
  - Assignment operators

## Unit - II: Control Structures

- Conditional statements
  - if statement
  - if - else statement
  - if - elif - else statement
  - Nested if
- Looping statements
  - for loop
  - while loop
- Loop control statements
  - break
  - continue
  - pass

## Unit - III: Functions and Modules

- Introduction to functions
- Defining a function (def)
- Calling functions
- Parameters and arguments
- Return statement
- Recursive functions
- Lambda functions
- Modules and packages
- Importing modules (import, from ... import)

## Unit - IV: Data Structures in Python

- Strings and string operations
- Lists
  - List creation
  - List operations and methods
- Tuples
- Sets
- Dictionaries
- Basic operations on data structures

## Unit - V: File Handling

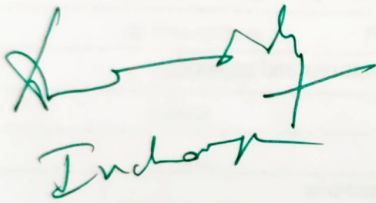
- Introduction to files
- File opening modes
- Reading files (read, readline, readlines)
- Writing files (write, writelines)
- File closing
- Working with text files

## Unit - VI: Exception Handling

- Errors and exceptions
- try block
- except block
- finally block
- User-defined exceptions

## Assessment

Participants are evaluated through a mix of written assignments, practical projects, and a final examination. Evaluation criteria include understanding of theoretical concepts, practical application of skills, and the ability to address ethical and legal issues in museum contexts.



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CHITTOOR Dt. A.P.

S.No	Date	Name of the Topic
1	06.01.2026	History and features of Python
2	07.01.2026	Applications of Python
3	08.01.2026	Installing Python and IDE (IDLE, PyCharm, VS Code)
4	09.01.2026	Python interpreter and interactive mode
5	19.01.2026	Structure of a Python program
6	20.01.2026	Structure of a Python program Tokens, keywords, identifiers
7	21.01.2026	Variables and data types
8	22.01.2026	Operators in Python Arithmetic operators , Relational operators, Logical operators, Assignment operators
9	23.01.2026	Conditional statements
10	24.01.2026	Looping statements
11	27.01.2026	Loop control statements
12	28.01.2026	Introduction to functions
13	29.01.2026	Defining a function (def)
14	30.01.2026	Calling functions
15	31.01.2026	Parameters and arguments
16	09.02.2026	Return statement
17	10.02.2026	Recursive functions
18	12.02.2026	Lambda functions, Modules and packages
19	13.02.2026	Strings and string operations
20	16.02.2026	Lists, List creation, List operations and methods
21	17.02.2026	Tuples
22	18.02.2026	Sets ,Dictionaries
23	19.02.2026	Basic operations on data structures
24	20.02.2026	Introduction to files, File opening modes
25	21.02.2026	Reading files (read, readline, readlines)
26	23.02.2026	Writing files (write, writelines)
27	24.02.2026	File closing, Working with text files
28	25.02.2026	Errors and exceptions
29	26.02.2026	try block, except block
30	27.02.2026	finally block, User-defined exceptions

*[Handwritten Signature]*  
Incharge

*[Handwritten Signature]*  
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Chittoor Dt. A.P.



# Government Degree College, Karvetinagaram

Department of Mathematics & Computer Science

2025-2026

Certificate Course on "Python Programming"

1. Full Name :  
(In Block Letters)

2. Father's Name :  
(In Block Letters)

3. Candidate's Address :  
(Permanent)



4. PERSONAL DETAILS:

(A) Date of Birth :  
(As per S.S.C.)

(B) Age :

(C) Place of Birth :

Town/Village :

District :

State :

(D) Nationality :

5. Class Now Studying :

I promise to abide by the Rules , Regulations and order of the college and University an Autho ties and officers. I also-declare that the statements I have made in this application from are correct.

Date:

Signature of the Candidate

I agree to the applicant's admission to the..... Course in your College, I shall be responsible or the payment of all his/her fees and other charges. I shall be responsible for his/hr conduct and good behaviour during the period of his/her college career.

Date :

Signature of Father/Guardian

The candidate is admitted/rejected into \_\_\_\_\_  
year during \_\_\_\_\_

Date :

PRINCIPAL



# Government Degree College, Karvetinagaram

Department of Mathematics & Computer Science

2025-2026

Certificate Course on "Python Programming"

1. Full Name : P. Dhanush  
(In Block Letters)
2. Father's Name : P. Bhaskar  
(In Block Letters)
3. Candidate's Address : Govt. degree college  
(Permanent) Karvetinagaram



4. PERSONAL DETAILS:

(A) Date of Birth : 09-01-2003  
(As per S.S.C.)

(B) Age :

(C) Place of Birth :

Town/Village :

District :

State :

(D) Nationality :

5. Class Now Studying : B.Sc Computer Science

I promise to abide by the Rules , Regulations and order of the college and University an Autho ties and officers. I also-declare that the statements I have made in this application from are correct.

Date:

P. Dhanush  
Signature of the Candidate

I agree to the applicant's admission to the..... Course in your College, I shall be responsible or the payment of all his/her fees and other charges. I shall be responsible for his/hr conduct and good behaviour during the period of his/her college career.

Date :

Signature of Father/Guardian

The candidate is admitted/rejected into \_\_\_\_\_  
year during \_\_\_\_\_

Date :

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Chittoor Dt. A.P.



# Government Degree College, Karvetinagaram

Department of Mathematics & Computer Science

2025-2026

Certificate Course on "Python Programming"

1. Full Name : M.R. Jashuva  
(In Block Letters)

2. Father's Name : M. Rajan  
(In Block Letters)

3. Candidate's Address : Govt. degree College  
(Permanent) Karvetinagaram



4. PERSONAL DETAILS:

(A) Date of Birth : 03-08-2002  
(As per S.S.C.)

(B) Age :

(C) Place of Birth :

Town/Village :

District :

State :

(D) Nationality :

5. Class Now Studying : B.Sc Computer Science

I promise to abide by the Rules , Regulations and order of the college and University an Autho ties and officers. I also-declare that the statements I have made in this application from are correct.

Date:

M.R. Jashuva  
Signature of the Candidate

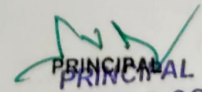
I agree to the applicant's admission to the..... Course in your College, I shall be responsible or the payment of all his/her fees and other charges. I shall be responsible for his/hr conduct and good behaviour during the period of his/her college career.

Date :

Signature of Father/Guardian

The candidate is admitted/rejected into \_\_\_\_\_  
year during \_\_\_\_\_

Date :

  
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Chittoor Dt. A.P.



# Government Degree College, Karvetinagaram

Department of Mathematics & Computer Science

2025-2026

Certificate Course on "Python Programming"

1. Full Name : E. Archana  
(In Block Letters)

2. Father's Name : E. Kannivelu  
(In Block Letters)

3. Candidate's Address : Govt. degree College  
(Permanent) Karvetinagaram



4. PERSONAL DETAILS:

(A) Date of Birth : 05-06-2001  
(As per S.S.C.)

(B) Age :

(C) Place of Birth :

Town/Village :

District :

State :

(D) Nationality :

5. Class Now Studying : B.Sc. Computer Science

I promise to abide by the Rules, Regulations and order of the college and University authorities and officers. I also declare that the statements I have made in this application form are correct.

Date:

E. Archana  
Signature of the Candidate

I agree to the applicant's admission to the..... Course in your College, I shall be responsible for the payment of all his/her fees and other charges. I shall be responsible for his/her conduct and good behaviour during the period of his/her college career.

Date :

Signature of Father/Guardian

The candidate is admitted/rejected into \_\_\_\_\_  
year during \_\_\_\_\_

Date :

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Chittoor Dt. A.P.



# Government Degree College, Karvetinagaram

Department of Mathematics & Computer Science

2025-2026

Certificate Course on "Python Programming"

1. Full Name : G. Thiriveeni  
(In Block Letters)
2. Father's Name : G. Murali Krishna  
(In Block Letters)
3. Candidate's Address : Govt. Degree College  
(Permanent) Karvetinagaram

colour photo  
only

4. PERSONAL DETAILS:

(A) Date of Birth : 03-10-2008  
(As per S.S.C.)

(B) Age :

(C) Place of Birth :

Town/Village :

District :

State :

(D) Nationality :

5. Class Now Studying : B.Sc. Computer Science

I promise to abide by the Rules, Regulations and order of the college and University authorities and officers. I also declare that the statements I have made in this application form are correct.

G. Thiriveeni  
Signature of the Candidate

Date:

I agree to the applicant's admission to the..... Course in your College, I shall be responsible for the payment of all his/her fees and other charges. I shall be responsible for his/her conduct and good behaviour during the period of his/her college career.

Date :

Signature of Father/Guardian

The candidate is admitted/rejected into \_\_\_\_\_  
year during \_\_\_\_\_

Date :

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Chittoor Dt. A.P.



# Government Degree College, Karvetinagaram

Department of Mathematics & Computer Science

2025-2026

Certificate Course on "Python Programming"

1. Full Name : C. Jagan  
(In Block Letters)
2. Father's Name : C. Raja Kumar  
(In Block Letters)
3. Candidate's Address : Govt. Degree College  
(Permanent) Karvetinagaram



4. PERSONAL DETAILS:

(A) Date of Birth : 3-03-2008  
(As per S.S.C.)

(B) Age :

(C) Place of Birth :

Town/Village :

District :

State :

(D) Nationality :

5. Class Now Studying : B.Sc. Computer Science

I promise to abide by the Rules, Regulations and order of the college and University authorities and officers. I also declare that the statements I have made in this application form are correct.

C. Jagan  
Signature of the Candidate

Date:

I agree to the applicant's admission to the..... Course in your College, I shall be responsible for the payment of all his/her fees and other charges. I shall be responsible for his/her conduct and good behaviour during the period of his/her college career.

Date :

Signature of Father/Guardian

The candidate is admitted/rejected into \_\_\_\_\_  
year during \_\_\_\_\_

Date :

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Chittoor Dt. A.P.



# Government Degree College, Karvetinagaram

Department of Mathematics & Computer Science

2025-2026

Certificate Course on "Python Programming"

1. Full Name :  
(In Block Letters)

V. Vijay

2. Father's Name :  
(In Block Letters)

V. Srinivasulu

3. Candidate's Address :  
(Permanent)

Govt degree College  
Karvetinagaram



4. PERSONAL DETAILS:

(A) Date of Birth :  
(As per S.S.C.)

12/01/2006

(B) Age :

(C) Place of Birth :

Town/Village :

District :

State :

(D) Nationality :

5. Class Now Studying : B.Sc. Computer Science

I promise to abide by the Rules, Regulations and order of the college and University authorities and officers. I also declare that the statements I have made in this application form are correct.

V. Vijay

Signature of the Candidate

Date:


I agree to the applicant's admission to the..... Course in your College, I shall be responsible for the payment of all his/her fees and other charges. I shall be responsible for his/her conduct and good behaviour during the period of his/her college career.

Date :

Signature of Father/Guardian

The candidate is admitted/rejected into \_\_\_\_\_  
year during \_\_\_\_\_

Date :

  
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**Government Degree College, Karvetinagaram**  
Department of Mathematics & Computer Science  
**2025-2026**

**Certificate Course on "Python Programming"**

1. Full Name : **M. Sravan**  
(In Block Letters)

2. Father's Name :  
(In Block Letters)

3. Candidate's Address : **Govt degree Collge  
Karvetinagaram**  
(Permanent)



**4. PERSONAL DETAILS:**

(A) Date of Birth :  
(As per S.S.C.)

(B) Age :

(C) Place of Birth :

Town/Village :

District :

State :

(D) Nationality :

5. Class Now Studying : **B.Sc. Computer Science .**

I promise to abide by the Rules , Regulations and order of the college and University an Autho ties and officers. I also-declare that the statements I have made in this application from are correct.

**M. Sravan**

Signature of the Candidate

Date:

I agree to the applicant's admission to the..... Course in your College, I shall be responsible or the payment of all his/her fees and other charges. I shall be responsible for his/hr conduct and good behaviour during the period of his/her college career.

Date :

Signature of Father/Guardian

The candidate is admitted/rejected into \_\_\_\_\_  
year during \_\_\_\_\_

Date :

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**KARVETINAGAR - 517 582.**  
**Chittoor Dt. A.P.**



# Government Degree College, Karvetinagaram

Department of Mathematics & Computer Science

2025-2026

Certificate Course on "Python Programming"

1. Full Name : T. Goutham  
(In Block Letters)

2. Father's Name : T. Babu  
(In Block Letters)

3. Candidate's Address : Govt. Degree College  
(Permanent) Karvetinagaram



4. PERSONAL DETAILS:

(A) Date of Birth : 27/5/2008  
(As per S.S.C.)

(B) Age :

(C) Place of Birth :

Town/Village :

District :

State :

(D) Nationality :

5. Class Now Studying : B.Sc. Computer Science

I promise to abide by the Rules, Regulations and order of the college and University an Autho ties and officers. I also-declare that the statements I have made in this application from are correct.

Date:

T. Goutham  
Signature of the Candidate


I agree to the applicant's admission to the..... Course in your College, I shall be responsible or the payment of all his/her fees and other charges. I shall be responsible for his/hr conduct and good behaviour during the period of his/her college career.

Date :

Signature of Father/Guardian

The candidate is admitted/rejected into \_\_\_\_\_  
year during \_\_\_\_\_

Date :

  
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KARVETINAGAR - 517 582,  
Chittoor Dt. A.P.



# Government Degree College, Karvetinagaram

Department of Mathematics & Computer Science

2025-2026

Certificate Course on "Python Programming"

1. Full Name : N. Akshaya reddy  
(In Block Letters)

2. Father's Name : N. Nagaraj areddy  
(In Block Letters)

3. Candidate's Address : Govt. degree College  
(Permanent) Karvetinagaram



4. PERSONAL DETAILS:

(A) Date of Birth : 10-06-2007  
(As per S.S.C.)

(B) Age :

(C) Place of Birth :

Town/Village :

District :

State :

(D) Nationality :

5. Class Now Studying :

I promise to abide by the Rules , Regulations and order of the college and University an Autho ties and officers. I also-declare that the statements I have made in this application from are correct.

Date:

N. Akshaya reddy  
Signature of the Candidate


I agree to the applicant's admission to the..... Course in your College, I shall be responsible or the payment of all his/her fees and other charges. I shall be responsible for his/hr conduct and good behaviour during the period of his/her college career.

Date :

Signature of Father/Guardian

The candidate is admitted/rejected into \_\_\_\_\_  
year during \_\_\_\_\_

Date :

  
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Chittoor Dt. A.P.



# Government Degree College, Karvetinagaram

Department of Mathematics & Computer Science

2025-2026

Certificate Course on "Python Programming"

1. Full Name :  
(In Block Letters)

S. Raja Sekhar

2. Father's Name :  
(In Block Letters)

S. MunaSwami

3. Candidate's Address :  
(Permanent)

Govt-degree College  
Karvetinagaram



4. PERSONAL DETAILS:

(A) Date of Birth :  
(As per S.S.C.)

27-06-2006

(B) Age :

(C) Place of Birth :

Town/Village :

District :

State :

(D) Nationality :

5. Class Now Studying : B.Sc. Computer Science

I promise to abide by the Rules , Regulations and order of the college and University an Autho ties and officers. I also-declare that the statements I have made in this application from are correct.

S. Raja Sekhar

Signature of the Candidate

Date:


I agree to the applicant's admission to the..... Course in your College, I shall be responsible or the payment of all his/her fees and other charges. I shall be responsible for his/hr conduct and good behaviour during the period of his/her college career.

Signature of Father/Guardian

Date :

The candidate is admitted/rejected into \_\_\_\_\_  
year during \_\_\_\_\_

Date :

  
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KARVETINAGAR - 517 582,  
Chittoor Dt. A.P.

**Government Degree College, Karvetinagaram**  
**Department of Mathematics & Computer Science**  
**2025-2026**  
**Certificate Course on "Python Programming"**

1. Full Name : **A. Deepika**  
(In Block Letters)

2. Father's Name : **A. Janakiramiah**  
(In Block Letters)

3. Candidate's Address : **Govt. Degree College**  
(Permanent) **Karvetinagaram**



4. PERSONAL DETAILS:

(A) Date of Birth : **30-08-2007**  
(As per S.S.C.)

(B) Age :

(C) Place of Birth :

Town/Village :

District :

State :

(D) Nationality :

5. Class Now Studying : **BSc Computer Science**

I promise to abide by the Rules, Regulations and order of the college and University authorities and officers. I also declare that the statements I have made in this application form are correct.

**A. Deepika**

Signature of the Candidate

Date:

I agree to the applicant's admission to the..... Course in your College, I shall be responsible for the payment of all his/her fees and other charges. I shall be responsible for his/her conduct and good behaviour during the period of his/her college career.

Signature of Father/Guardian

Date :

The candidate is admitted/rejected into \_\_\_\_\_  
year during \_\_\_\_\_

Date :

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**PRINCIPAL**  
**GOVT. DEGREE COLLEGE**  
**KARVETINAGAR - 517 582.**  
**Chittoor Dt. A.P.**



# Government Degree College, Karvetinagaram

Department of Mathematics & Computer Science

2025-2026

Certificate Course on "Python Programming"

1. Full Name : K. Prudhvi  
(In Block Letters)

2. Father's Name : K. Elumalai  
(In Block Letters)

3. Candidate's Address : Govt. Degree College  
(Permanent) Karvetinagaram



4. PERSONAL DETAILS:

(A) Date of Birth : 26-06-2006  
(As per S.S.C.)

(B) Age :

(C) Place of Birth :

Town/Village :

District :

State :

(D) Nationality :

5. Class Now Studying : B.Sc. Computer Science

I promise to abide by the Rules, Regulations and order of the college and University authorities and officers. I also declare that the statements I have made in this application are correct.

K. Prudhvi  
Signature of the Candidate

Date:

I agree to the applicant's admission to the..... Course in your College, I shall be responsible for the payment of all his/her fees and other charges. I shall be responsible for his/her conduct and good behaviour during the period of his/her college career.

Signature of Father/Guardian

Date :

The candidate is admitted/rejected into \_\_\_\_\_  
year during \_\_\_\_\_

Date :

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PRINCIPAL  
GOVT. DEGREE COLLEGE  
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Chittoor Dt. A.P.



# Government Degree College, Karvetinagaram

Department of Mathematics & Computer Science  
2025-2026

Certificate Course on "Python Programming"

1. Full Name : T. jagan  
(In Block Letters)

2. Father's Name : T. perumal  
(In Block Letters)

3. Candidate's Address : Govt degree College  
(Permanent) Karvetinagaram



4. PERSONAL DETAILS:

(A) Date of Birth : 28-04-2008  
(As per S.S.C.)

(B) Age :

(C) Place of Birth :

Town/Village :

District :

State :

(D) Nationality :

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T. jagan

Signature of the Candidate

Date:

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Signature of Father/Guardian

Date :

The candidate is admitted/rejected into \_\_\_\_\_  
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GOVT. DEGREE COLLEGE  
KARVETINAGAR - 517 582.  
Chittoor Dt. A.P.



# Government Degree College, Karvetinagaram

Department of Mathematics & Computer Science

2025-2026

## Certificate Course on "Python Programming"

1. Full Name :  
(In Block Letters) *K. Vamsi Krishna*

2. Father's Name :  
(In Block Letters) *K. Shanmugham*

3. Candidate's Address :  
(Permanent) *Govt. Degree College  
Karvetinagaram*



4. PERSONAL DETAILS:  
(A) Date of Birth : *24-04-2008*  
(As per S.S.C.)

(B) Age :

(C) Place of Birth :

Town/Village :

District :

State :

(D) Nationality :

5. Class Now Studying : *B.Sc. Computer Science*

I promise to abide by the Rules , Regulations and order of the college and University an Autho ties and officers. I also-declare that the statements I have made in this application from are correct.

*K. Vamsi Krishna*

Signature of the Candidate

Date:

I agree to the applicant's admission to the..... Course in your College, I shall be responsible or the payment of all his/her fees and other charges. I shall be responsible for his/hr conduct and good behaviour during the period of his/her college career.

Signature of Father/Guardian

Date :

The candidate is admitted/rejected into \_\_\_\_\_  
year during \_\_\_\_\_

Date :

*[Signature]*  
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GOVT. DEGREE COLLEGE  
KARVETINAGAR - 517 582.  
Chittoor Dt. A.P.



**Government Degree College, Karvetinagaram**  
Department of Computer Science  
2025-2026  
Certificate Course on "Python Programming"

TEST

Marks :30

Name of the Student :  
Group :

1. Python was developed by
  - a) James Gosling
  - b) Dennis Ritchie
  - c) Guido van Rossum
  - d) Bjarne Stroustrup
2. Python was first released in
  - a) 1985
  - b) 1991
  - c) 2000
  - d) 2010
3. Python is a
  - a) Low-level language
  - b) High-level language
  - c) Machine language
  - d) Assembly language
4. Which of the following is an IDE for Python?
  - a) PyCharm
  - b) VS Code
  - c) IDLE
  - d) All of the above
5. Which symbol is used for comments in Python?
  - a) //
  - b) #
  - c) /\* \*/
  - d) --
6. Which of the following is a valid Python identifier?
  - a) 2name
  - b) name\_1
  - c) class
  - d) @value
7. Which keyword is used to define a variable in Python?
  - a) var
  - b) int
  - c) No keyword required
  - d) declare
8. Which of the following is a numeric data type?
  - a) int
  - b) float
  - c) complex
  - d) All of the above
9. Which operator is used for exponentiation?
  - a) ^
  - b) \*\*

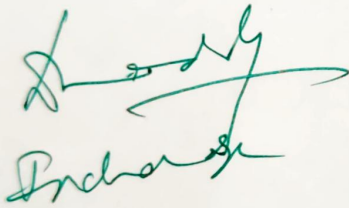
- c) //  
d) %%
10. Which operator is used for logical AND?  
a) &&  
b) and  
c) &  
d) ||
11. Which statement is used for decision making?  
a) if  
b) for  
c) while  
d) break
12. Which keyword is used in multiple condition checking?  
a) elif  
b) else  
c) loop  
d) check
13. Which loop is used when the number of iterations is known?  
a) while loop  
b) for loop  
c) do while  
d) repeat
14. Which loop runs while the condition is true?  
a) for  
b) while  
c) switch  
d) if
15. Which statement terminates a loop immediately?  
a) stop  
b) break  
c) continue  
d) pass
16. Which statement skips the current iteration?  
a) break  
b) pass  
c) continue  
d) exit
17. The pass statement  
a) stops the program  
b) does nothing  
c) repeats the loop  
d) exits Python
18. Which keyword is used to define a function?  
a) func  
b) def  
c) function  
d) define
19. Which statement is used to return a value from a function?  
a) give  
b) send  
c) return  
d) result
20. A function calling itself is called  
a) Loop  
b) Recursion


- c) Iteration  
d) Selection
21. Which function is called an anonymous function?  
a) def  
b) lambda  
c) map  
d) reduce
22. Which keyword is used to import a module?  
a) using  
b) import  
c) include  
d) module
23. Lists in Python are enclosed in  
a) {}  
b) ()  
c) []  
d) <>
24. Which data structure stores key-value pairs?  
a) List  
b) Tuple  
c) Dictionary  
d) Set
25. Which data type does not allow duplicate values?  
a) List  
b) Tuple  
c) Set  
d) Dictionary
26. Which function is used to open a file?  
a) file()  
b) open()  
c) read()  
d) start()
27. Which method reads the entire file content?  
a) read()  
b) readline()  
c) readlines()  
d) write()
28. Which method is used to close a file?  
a) end()  
b) close()  
c) stop()  
d) finish()
29. Errors that occur during program execution are called  
a) syntax errors  
b) exceptions  
c) logic errors  
d) compile errors
30. Which block is used to handle errors?  
a) try  
b) except  
c) finally  
d) catch

Report  
A certificate course on conducted "Python Programming" was organized by the Department of Computer Science at free of cost to the students. The course duration 30 days with one hour per day including practicals. 30 students enrolled in the course. The course was Inaugurated by the principal Dr.S.Vijayulu Reddy on 05-01-2026. The course coordinators are Dr Dhanajaya Reddy, Lecturer in Mathematics. The classes was engaged by the Sri.K.Eswara Reddy, Guest Lecturer in Computer Science.

After completion of the course the course completion certificates were given to the students on 28<sup>th</sup> February 2026.

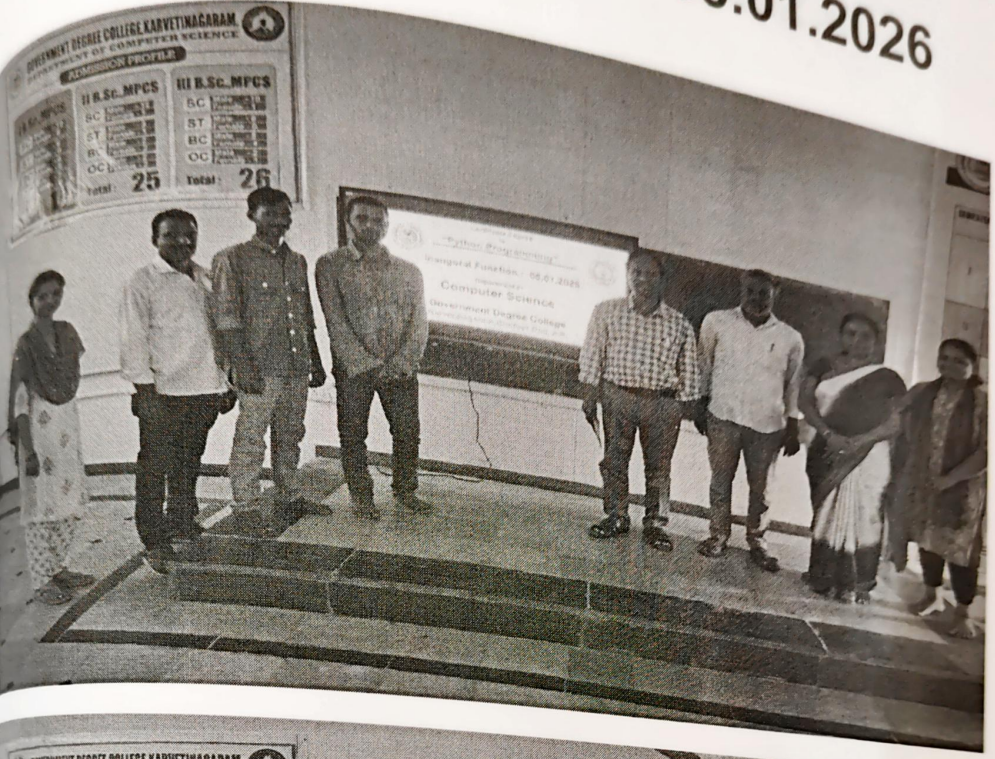
The Course coordinators explained the benefits of the above course in getting jobs along with the Degree Course.

  
Dhanajaya Reddy

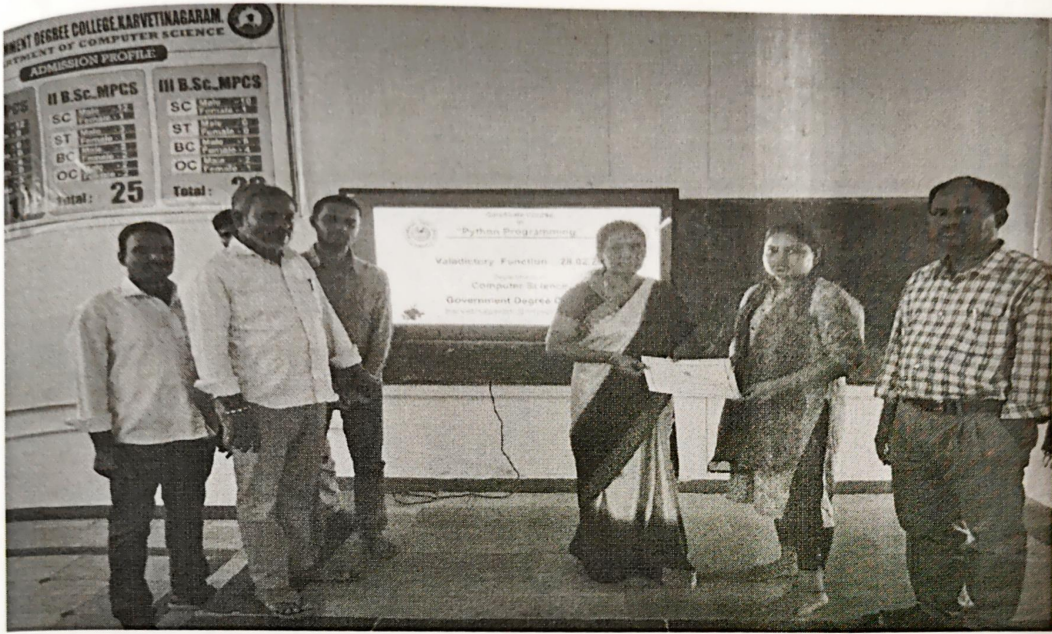
  
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# Inaugural Function : 05.01.2026



# Valedictory Function : 28.02.2026



# Government Degree College, Karvetinagaram

Department of Computer Science

2025-2026

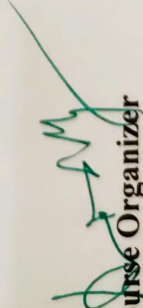


## Certificate Course on "Python Programming"


This is to certify that Mr./Ms. \_\_\_\_\_ of \_\_\_\_\_

\_\_\_\_\_ Class completed Certificate Course in "Python Programming"

conducted by the Department of Computer Science, during the academic year 2025-2026.

  
Course Organizer

  
Head of the Department

  
Principal  
GOVT. DEGREE COLLEGE  
KARVETINAGARAM - 517 582,  
Chittoor Dt. A.P.

Certificate Course  
in

**“Python Programming”**

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**Inaugural Function : 05.01.2026**

Department of  
**Computer Science**

**Government Degree College**  
Karvetinagaram, Chittoor Dist. A.P.



Certificate Course  
in

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**Valedictory Function : 28.02.2026**

Department of  
**Computer Science**

**Government Degree College**  
**Karvetinagaram, Chittoor Dist. A.P.**

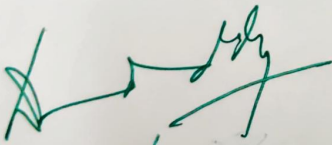


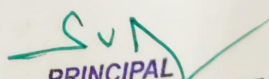
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Dhanajaya

  
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