

BASELIUS COLLEGE KOTTAYAM

CERTIFICATE COURSE IN PYTHON

SUPPORTING DOCUMENTS

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Baselius College, Kottayam

Department of Mathematics

Certificate Course in Python Programming



Organized by
Department of Mathematics
in Collaboration with
Kerala Mathematical Association
&
MACFAST, Thiruvalla

Inaugural Session on 12th Feb, 2019 at 10 AM
Venue : Education Technology Seminar Hall

Certificate Course in Python

Objectives

- To understand why Python is a useful scripting language for developers.
- To learn how to design and program Python applications.
- To learn how to use lists, tuples, and dictionaries in Python programs.
- To learn how to identify Python object types.
- To learn how to use indexing and slicing to access data in Python programs.

Duration 30 Hrs

Syllabus

Module I (6 hrs)

- Why Python?
- Running Python Programs
- Python Scripts
- Data Types
- Numbers and Variables
- Operators and Expressions
- Strings

Module II (6 hrs)

- Lists
- Indexing and Slicing
- Tuples
- Dictionaries
- References and Copies

Module 3 (6 hrs)

- Assignment Statements
- Blocks and Syntax Rules
- Expression Statements
- Multiway Branching
- Looping, Decisions
- Control Flow

Module 4 - Functions (6 hrs)

- Defining Functions
- Scope Rules
- Global Statements
- Closures
- Argument Matching
- Passing Arguments

Module 5 - Modules (6 hrs)

- Imports and Attributes
- Creating Modules
- Namespaces
- Reloading
- Module Packages
- File I/O
- File Scanners
- Files and Directories
- File Positioning

CERTIFICATE COURSE ON PYTHON 2018-19

Sl No.	Name of the Students	Class
1	Anju Sali	D3 Mathematics
2	Aparna K.P	D3 Mathematics
3	Ansu Mariam Sajan	D3 Mathematics
4	Sheena Varghese	D3 Mathematics
5	Anjitha Sara John	D3 Mathematics
6	Devi Suresh	D3 Mathematics
7	Anjana Unnikrishnan	D2 Mathematics
8	Anu Aravind	D1 Mathematics
9	Sreelekshmi Prasad	D3 Mathematics
10	Shreya R Nair	D3 Mathematics
11	Reema Prakash	D3 Mathematics
12	Sreelekshmi S Kumar	D3 Mathematics
13	Irfana Ismail	D1 Mathematics
14	Shilpa Annie John	D1 Mathematics
15	Roshin Mathew	D1 Mathematics
16	Nisha Joyce Sammuel	D1 Mathematics
17	Reeja Mary Reji	D1 Mathematics
18	Varsha Rajesh	D1 Mathematics
19	Fathima Riyas	D1 Mathematics
20	Amrutha Anand	D1 Mathematics
21	Agnus Tresa	D1 Mathematics
22	Jogin Xavier	D3 Mathematics
23	Sanal Scaria Jacob	D3 Mathematics
24	Joel Kurian Joy	D1 Mathematics
25	Jayasurya Anil	D1 Mathematics
26	Bony Binoy	D1 Mathematics
27	Amal Aby Joseph	D3 Mathematics
28	Jimmy Joemon Thottathil	D3 Mathematics
29	Athithya Sabu	D3 Mathematics
30	Krishnaraj V	D3 Mathematics
31	Dani Susan Chacko	D3 Mathematics
32	Amil P Abraham	D3 Mathematics
33	Ajay Sajeev	D2 Mathematics
34	Swapna Saji	D3 Mathematics



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This is to certify that... **Joel..Kurriyan... Joy.....** has successfully completed the certificate course on **PYTHON** organized by the Department of Mathematics, Baselius College, Kottayam in collaboration with Kerala Mathematical Association and the Department of Computer Applications, MACFAST, Thiruvalla during 2018 - 19.

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This is to certify that.....**Bany...Binoy**..... has successfully completed the certificate course on **PYTHON** organized by the Department of Mathematics, Baselius College, Kottayam in collaboration with Kerala Mathematical Association and the Department of Computer Applications, MACFAST, Thiruvalla during 2018 - 19.

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This is to certify that....*Amal..Aby....Joseph*..... has successfully completed the certificate course on **PYTHON** organized by the Department of Mathematics, Baselius College, Kottayam in collaboration with Kerala Mathematical Association and the Department of Computer Applications, MACFAST, Thiruvalla during 2018 - 19.

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This is to certify that.....*Jimmy...Joeman...Thathathil*..... has successfully completed the certificate course on **PYTHON** organized by the Department of Mathematics, Baselius College, Kottayam in collaboration with Kerala Mathematical Association and the Department of Computer Applications, MACFAST, Thiruvalla during 2018 - 19.

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This is to certify that.....*Athithya...Sabu*..... has successfully completed the certificate course on **PYTHON** organized by the Department of Mathematics, Baselius College, Kottayam in collaboration with Kerala Mathematical Association and the Department of Computer Applications, MACFAST, Thiruvalla during 2018 - 19.

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This is to certify that.....*Krishna.raj.Y*..... has successfully completed the certificate course on **PYTHON** organized by the Department of Mathematics, Baselius College, Kottayam in collaboration with Kerala Mathematical Association and the Department of Computer Applications, MACFAST, Thiruvalla during 2018 - 19.

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This is to certify that.....*Dani..Susan..chacko*..... has successfully completed the certificate course on **PYTHON** organized by the Department of Mathematics, Baselius College, Kottayam in collaboration with Kerala Mathematical Association and the Department of Computer Applications, MACFAST, Thiruvalla during 2018 - 19.

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This is to certify that.....*Amil.P. Abraham*..... has successfully completed the certificate course on **PYTHON** organized by the Department of Mathematics, Baselius College, Kottayam in collaboration with Kerala Mathematical Association and the Department of Computer Applications, MACFAST, Thiruvalla during 2018 - 19.

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This is to certify that.....*Sheena Varghese*..... has successfully completed the certificate course on **PYTHON** organized by the Department of Mathematics, Baselius College, Kottayam in collaboration with Kerala Mathematical Association and the Department of Computer Applications, MACFAST, Thiruvalla during 2018 - 19.

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This is to certify that.....Aparna K. P..... has successfully completed the certificate course on **PYTHON** organized by the Department of Mathematics, Baselius College, Kottayam in collaboration with Kerala Mathematical Association and the Department of Computer Applications, MACFAST, Thiruvalla during 2018 - 19.

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This is to certify that..... *Ansu... Mariam... Sajan*..... has successfully completed the certificate course on **PYTHON** organized by the Department of Mathematics, Baselius College, Kottayam in collaboration with Kerala Mathematical Association and the Department of Computer Applications, MACFAST, Thiruvalla during 2018 - 19.

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This is to certify that.....*Anjitha Sara John*..... has successfully completed the certificate course on **PYTHON** organized by the Department of Mathematics, Baselius College, Kottayam in collaboration with Kerala Mathematical Association and the Department of Computer Applications, MACFAST, Thiruvalla during 2018 - 19.

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This is to certify that.....*Swapna Saji*..... has successfully completed the certificate course on **PYTHON** organized by the Department of Mathematics, Baselius College, Kottayam in collaboration with Kerala Mathematical Association and the Department of Computer Applications, MACFAST, Thiruvalla during 2018 - 19.

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This is to certify that.....*Devi Suresh*..... has successfully completed the certificate course on **PYTHON** organized by the Department of Mathematics, Baselius College, Kottayam in collaboration with Kerala Mathematical Association and the Department of Computer Applications, MACFAST, Thiruvalla during 2018 - 19.

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This is to certify that.....*Anjana Unnikrishnan*..... has successfully completed the certificate course on **PYTHON** organized by the Department of Mathematics, Baselius College, Kottayam in collaboration with Kerala Mathematical Association and the Department of Computer Applications, MACFAST, Thiruvalla during 2018 - 19.

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This is to certify that.....*Irfana...Ismail*..... has successfully completed the certificate course on **PYTHON** organized by the Department of Mathematics, Baselius College, Kottayam in collaboration with Kerala Mathematical Association and the Department of Computer Applications, MACFAST, Thiruvalla during 2018 - 19.

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This is to certify that.....*Shilpa Annie John*..... has successfully completed the certificate course on **PYTHON** organized by the Department of Mathematics, Baselius College, Kottayam in collaboration with Kerala Mathematical Association and the Department of Computer Applications, MACFAST, Thiruvalla during 2018 - 19.

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This is to certify that.....Roshin Mathew..... has successfully completed the certificate course on **PYTHON** organized by the Department of Mathematics, Baselius College, Kottayam in collaboration with Kerala Mathematical Association and the Department of Computer Applications, MACFAST, Thiruvalla during 2018 - 19.

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This is to certify that.....Nisha Joyce Samuel..... has successfully completed the certificate course on **PYTHON** organized by the Department of Mathematics, Baselius College, Kottayam in collaboration with Kerala Mathematical Association and the Department of Computer Applications, MACFAST, Thiruvalla during 2018 - 19.

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This is to certify that.....*Reeja.. Mary.. Reji*..... has successfully completed the certificate course on **PYTHON** organized by the Department of Mathematics, Baselius College, Kottayam in collaboration with Kerala Mathematical Association and the Department of Computer Applications, MACFAST, Thiruvalla during 2018 - 19.

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This is to certify that.....*Varsha Rajesh*..... has successfully completed the certificate course on **PYTHON** organized by the Department of Mathematics, Baselius College, Kottayam in collaboration with Kerala Mathematical Association and the Department of Computer Applications, MACFAST, Thiruvalla during 2018 - 19.

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This is to certify that.....Fathima Riyas..... has successfully completed the certificate course on **PYTHON** organized by the Department of Mathematics, Baselius College, Kottayam in collaboration with Kerala Mathematical Association and the Department of Computer Applications, MACFAST, Thiruvalla during 2018 - 19.

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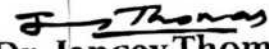
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This is to certify that.....*Amrutha..Anand*..... has successfully completed the certificate course on **PYTHON** organized by the Department of Mathematics, Baselius College, Kottayam in collaboration with Kerala Mathematical Association and the Department of Computer Applications, MACFAST, Thiruvalla during 2018 - 19.

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This is to certify that.....*Agnus Teresa*..... has successfully completed the certificate course on **PYTHON** organized by the Department of Mathematics, Baselius College, Kottayam in collaboration with Kerala Mathematical Association and the Department of Computer Applications, MACFAST, Thiruvalla during 2018 - 19.

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This is to certify that.....Jogin Xavier..... has successfully completed the certificate course on **PYTHON** organized by the Department of Mathematics, Baselius College, Kottayam in collaboration with Kerala Mathematical Association and the Department of Computer Applications, MACFAST, Thiruvalla during 2018 - 19.

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This is to certify that.....Reema Prakash..... has successfully completed the certificate course on **PYTHON** organized by the Department of Mathematics, Baselius College, Kottayam in collaboration with Kerala Mathematical Association and the Department of Computer Applications, MACFAST, Thiruvalla during 2018 - 19.

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This is to certify that.....*Shreya R. Nair*..... has successfully completed the certificate course on **PYTHON** organized by the Department of Mathematics, Basellius College, Kottayam in collaboration with Kerala Mathematical Association and the Department of Computer Applications, MACFAST, Thiruvalla during 2018 - 19.

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This is to certify that.....*Sreelakshmi Prasad*..... has successfully completed the certificate course on **PYTHON** organized by the Department of Mathematics, Baselius College, Kottayam in collaboration with Kerala Mathematical Association and the Department of Computer Applications, MACFAST, Thiruvalla during 2018 - 19.

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This is to certify that.....*Jayasurya...Anil*..... has successfully completed the certificate course on **PYTHON** organized by the Department of Mathematics, Baselius College, Kottayam in collaboration with Kerala Mathematical Association and the Department of Computer Applications, MACFAST, Thiruvalla during 2018 - 19.

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This is to certify that.....*Anu Aravind*..... has successfully completed the certificate course on **PYTHON** organized by the Department of Mathematics, Baselius College, Kottayam in collaboration with Kerala Mathematical Association and the Department of Computer Applications, MACFAST, Thiruvalla during 2018 - 19.

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