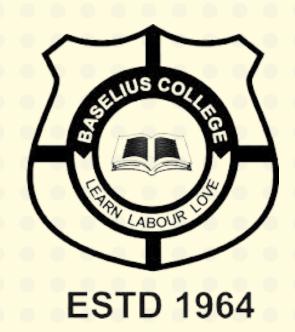
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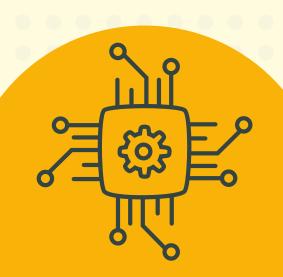
Supporting Documents

- 1.Brochure
- 2.Syllabus
- 3. Attendance
- 4.Student list
- 5. Certificate



DEPARTMENT OF MATHEMATICS Baselius College, Kottayam

NAAC Re-Accredited with A++ Grade



PYTHON FOR BEGINNERS

A Certificate Course in Python Programming



FIRST SESSION ON FEBRUARY 4TH 2023

Why do a course in Python Programming?

- To start programming in Python.
- To dive into coding and achieve a level of programming knowledge.
- To understand the basic concepts of software development technology.
- To develop problem solving, logical and creative skills.
- Great career opportunities.

Mathematics and programming are closely related.

Learning a programming language like Python is an added advantage
for developing a good career.

Who should enroll?

 Anyone who wants to learn Python and modern programming techniques especially students.

The only preliminary requirement is a very basic knowledge in mathematics.

Topics to be covered

- Python Fundamentals Tokens, Data types, Mutability and Immutability, Inputs
- Branching and Looping
- Complex data types Strings, Lists, Tuples, Sets,
 Dictionaries
- Functions and Modules
- Objects and Classes

Syllabus

Module 1:

Python Fundamentals – Tokens, Data types, Mutability and Immutability, User Inputs.

Module 2:

Branching and Looping – if, else, elif, nested if, Jump statements, for loop, while loop.

Module 3:

Complex data types – Strings, Lists, Tuples, Sets, Dictionaries

Module 4:

Functions – Built-in and User-defined functions, Modules – Built-in and User-defined modules, Objects and Classes, OOPs concept, Inheritance

Module 5:

Turtle Package, Basic programs using Turtle package.

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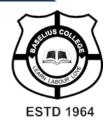
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DEPARTMENT OF MATHEMATICS



This is to certify that <u>AGNA KURIAN</u> has successfully completed the certificate course on PYTHON organized by the Department of Mathematics, Baselius College, Kottayam during the year 2022-23





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DEPARTMENT OF MATHEMATICS



This is to certify that <u>AJMAL K.</u> has successfully completed the certificate course on PYTHON organized by the Department of Mathematics, Baselius College, Kottayam during the year 2022-23





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DEPARTMENT OF MATHEMATICS



This is to certify that <u>AMRITHA MARIYAM SAJI</u> has successfully completed the certificate course on PYTHON organized by the Department of Mathematics, Baselius College, Kottayam during the year 2022-23





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DEPARTMENT OF MATHEMATICS



This is to certify that <u>ANNA M. BENOY</u> has successfully completed the certificate course on PYTHON organized by the Department of Mathematics, Baselius College, Kottayam during the year 2022-23





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DEPARTMENT OF MATHEMATICS



This is to certify that <u>ARCHA S. MANOHAR</u> has successfully completed the certificate course on PYTHON organized by the Department of Mathematics, Baselius College, Kottayam during the year 2022-23





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DEPARTMENT OF MATHEMATICS



This is to certify that <u>JAYASOORYA K. A.</u> has successfully completed the certificate course on PYTHON organized by the Department of Mathematics, Baselius College, Kottayam during the year 2022-23





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DEPARTMENT OF MATHEMATICS



This is to certify that <u>PARVATHY KRISHNA</u> has successfully completed the certificate course on PYTHON organized by the Department of Mathematics, Baselius College, Kottayam during the year 2022-23





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DEPARTMENT OF MATHEMATICS



This is to certify that <u>SANGEETHA SUSAN JOHN</u> has successfully completed the certificate course on PYTHON organized by the Department of Mathematics, Baselius College, Kottayam during the year 2022-23





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This is to certify that <u>NANDANA PRADEEP</u> has successfully completed the certificate course on PYTHON organized by the Department of Mathematics, Baselius College, Kottayam during the year 2022-23





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DEPARTMENT OF MATHEMATICS



This is to certify that <u>ABHIJITH SURESH</u> has successfully completed the certificate course on PYTHON organized by the Department of Mathematics, Baselius College, Kottayam during the year 2022-23





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This is to certify that <u>ASHITHA ELSA SHIJU</u> has successfully completed the certificate course on PYTHON organized by the Department of Mathematics, Baselius College, Kottayam during the year 2022-23





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DEPARTMENT OF MATHEMATICS



This is to certify that <u>CYRIL MAMACHAN</u> has successfully completed the certificate course on PYTHON organized by the Department of Mathematics, Baselius College, Kottayam during the year 2022-23





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DEPARTMENT OF MATHEMATICS



This is to certify that <u>DEVADETH SHAJI</u> has successfully completed the certificate course on PYTHON organized by the Department of Mathematics, Baselius College, Kottayam during the year 2022-23





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DEPARTMENT OF MATHEMATICS



This is to certify that <u>HRIDHYA SHAJI</u> has successfully completed the certificate course on PYTHON organized by the Department of Mathematics, Baselius College, Kottayam during the year 2022-23





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DEPARTMENT OF MATHEMATICS



This is to certify that <u>K. NAVYA KRISHNAN</u> has successfully completed the certificate course on PYTHON organized by the Department of Mathematics, Baselius College, Kottayam during the year 2022-23





(Affiliated to MG University, Reaccredited with A++ Grade)

DEPARTMENT OF MATHEMATICS



This is to certify that <u>PAVITHRA K. E.</u> has successfully completed the certificate course on PYTHON organized by the Department of Mathematics, Baselius College, Kottayam during the year 2022-23





(Affiliated to MG University, Reaccredited with A++ Grade)

DEPARTMENT OF MATHEMATICS

Certificate

This is to certify that <u>SANDEEP SAJI</u> has successfully completed the certificate course on PYTHON organized by the Department of Mathematics, Baselius College, Kottayam during the year 2022-23





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Certificate

This is to certify that <u>ANEENA REJI</u> has successfully completed the certificate course on PYTHON organized by the Department of Mathematics, Baselius College, Kottayam during the year 2022-23





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This is to certify that <u>ANJALI KRISHNA C. B.</u> has successfully completed the certificate course on PYTHON organized by the Department of Mathematics, Baselius College, Kottayam during the year 2022-23





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This is to certify that <u>ARCHANA R.</u> has successfully completed the certificate course on PYTHON organized by the Department of Mathematics, Baselius College, Kottayam during the year 2022-23





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This is to certify that <u>ASHIKA S.</u> has successfully completed the certificate course on PYTHON organized by the Department of Mathematics, Baselius College, Kottayam during the year 2022-23





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DEPARTMENT OF MATHEMATICS



This is to certify that <u>ASHILY MARIAM PHILIP</u> has successfully completed the certificate course on PYTHON organized by the Department of Mathematics, Baselius College, Kottayam during the year 2022-23





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DEPARTMENT OF MATHEMATICS



This is to certify that <u>ASHWIN GEORGE JOSEPH</u> has successfully completed the certificate course on PYTHON organized by the Department of Mathematics, Baselius College, Kottayam during the year 2022-23





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DEPARTMENT OF MATHEMATICS



This is to certify that <u>DEVAYANI S.</u> has successfully completed the certificate course on PYTHON organized by the Department of Mathematics, Baselius College, Kottayam during the year 2022-23





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DEPARTMENT OF MATHEMATICS



This is to certify that <u>DIVIN HARIDAS</u> has successfully completed the certificate course on PYTHON organized by the Department of Mathematics, Baselius College, Kottayam during the year 2022-23





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DEPARTMENT OF MATHEMATICS



This is to certify that <u>MUHAMMED SHAJAHAN</u> has successfully completed the certificate course on PYTHON organized by the Department of Mathematics, Baselius College, Kottayam during the year 2022-23





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DEPARTMENT OF MATHEMATICS



This is to certify that <u>NANDANA P. SALJI</u> has successfully completed the certificate course on PYTHON organized by the Department of Mathematics, Baselius College, Kottayam during the year 2022-23





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DEPARTMENT OF MATHEMATICS



This is to certify that <u>NOWREEN FATHIMA JALEEL</u> has successfully completed the certificate course on PYTHON organized by the Department of Mathematics, Baselius College, Kottayam during the year 2022-23





(Affiliated to MG University, Reaccredited with A++ Grade)

DEPARTMENT OF MATHEMATICS



This is to certify that <u>RICHU OOMMEN</u> has successfully completed the certificate course on PYTHON organized by the Department of Mathematics, Baselius College, Kottayam during the year 2022-23





(Affiliated to MG University, Reaccredited with A++ Grade)

DEPARTMENT OF MATHEMATICS



This is to certify that <u>SHIMA SHAJAN</u> has successfully completed the certificate course on PYTHON organized by the Department of Mathematics, Baselius College, Kottayam during the year 2022-23









