

Course Fee

RM500

PYTHON PROGRAMMING FOR BEGINNERS

Faculty of Business, Finance & Information Technology

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SYNOPSIS

This course aims to teach beginners the basics of Python programming. It covers the basics of Python programming including data types, control structures, functions, import modules and packages.

WHO SHOULD ATTEND

Open to all Diploma and Undergraduate student or professional.



Online certificate of completion given by MAHSA University

COURSE STRUCTURE

 10 Hours [2 Hours Per Session]

Topic	Content
Acquire The Basic Knowledge of Python Programming	<ul style="list-style-type: none">• Introduction to Python Programming• Installation of Python• Interacting with Python IDE• Variables and Data Types
Select & Utilise Python Packages & Techniques to Organize Data	<p>Python Operators</p> <ul style="list-style-type: none">• Arithmetic Operators• Bitwise Operators• Comparison Operators• Membership Operators• Logical Operators• Identity Operators• Operator Precedence• Managing Input and Output operations
Demonstrate the Concepts of Conditional Statement & Iteration	<p>Decision Making and Iteration –Looping</p> <ul style="list-style-type: none">• Conditional and Control statement , if , if-else , Nested if – else statement• The while loop• For Loop• Loop Control statement
Demonstrate the Concepts of Functions, Modules & Packages	<ul style="list-style-type: none">• Functions• Modules• Packages
Design & Program Python Applications	<ul style="list-style-type: none">• Modules• Packages

INSTRUCTORS

DR. K. NATTAR KANNAN

Dr. K. Nattar Kannan is a Professor and the Head of the Department of Information Technology, Faculty of Business , Finance and Information Technology of MAHSA University, Malaysia. He earned his PhD (Computer Science and Engineering) in 2016 from Manonmaniam Sundarnar University (MSU), Tirunelveli, India. He possesses 18 years of teaching and research experience. Having been teaching undergraduate and postgraduate IT students, which enabled him to author and publish the scientific research publications in well reputed high impact factor journals with national and international levels. Dr Kannan's basic research interests encompasses the Internet of Things (IoT), Data Science & Artificial Intelligence.

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