

Virtual Half Day Course On “Python Programming Fundamentals - Day 1”

29 August 2026

Date : ~~25 July 2026~~ (Saturday)

Time : 09.00 am - 01.00 pm

Platform : Virtual, Zoom

BEM APPROVED CPD: 4 REF NO.: IEM26/HQ/269/C(w)

Speakers Line Up:



**Ir. Suresh Kumar
Kandasamy**



**Mr. Tulaisiram
Naidoo**

Closing Date : 23 July 2026

Registration Fees	ONLINE (Log-in for registration & payment at IEM PORTAL)	NORMAL FEE (By Email: Invoice & Quotation)
IEM Student	40	50
IEM Graduate Members	75	90
IEM Corporate Members	125	150
Non-IEM Members (Non of the Above)	240	300



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SYNOPSIS

This hands-on course provides participants with a comprehensive foundation in Python programming. Designed for learners with little or no prior programming experience, the program introduces fundamental programming concepts including Python syntax, variables, data types, operators, conditional statements, loops, functions, data structures, file handling, and basic version control using GitHub.

Participants will gain practical experience using industry-relevant tools such as Python, Visual Studio Code, and GitHub while developing and testing their own programs through guided exercises and mini-project activities. The course emphasizes logical thinking, problem-solving, and programming best practices that form the foundation for more advanced topics in artificial intelligence, data science, and software development.

By the end of the program, participants will be able to write, execute, and troubleshoot Python programs confidently while understanding the role of Python in modern digital technologies and Industry 4.0 initiatives.

The objectives of the course are:

- i. To equip participants with a fundamental understanding of Python programming concepts, syntax, and programming logic.
- ii. To develop participants' ability to create, test, and troubleshoot Python programs using practical coding exercises.
- iii. To provide hands-on experience with Python development tools and basic version control practices using GitHub.
- iv. To enable participants to apply programming concepts to solve real-world problems through guided projects and practical activities.
- v. To establish a strong foundation for further learning in Artificial Intelligence, Data Science, Automation, and Software Development.

TIME	PROGRAMME
09:00 am – 09:10 am	Welcoming Speech by Moderator ICTSIG
09:10 am – 10:40 am	Part 1: Python fundamentals, setup, data types, variables, input/output, type casting, and basic syntax.
10.40 am - 11.00 am	Break
11.00 am - 12.30 am	Part 2: Operators, conditional statements, quiz, and hands-on exercises.
12.30 pm - 1.00 pm	Q&A Session Closing Remarks by Moderator ICTSIG
1.00 pm	End of Programme



BIODATA OF SPEAKER



**Ir. Suresh Kumar
Kandasamy**

Ir. Suresh Kumar Kandasamy is a registered Professional Engineer with over 20 years of experience in the Telecommunication industry, specializing in Fiber Optics, RF Network Planning, Optimization, Network Implementation, Project Management, and Technical Vocational Education. He holds a Master of Science degree by Research from University Kebangsaan Malaysia, Faculty of Electrical, Electronics and System Engineering (2005), and a Bachelor's degree in Electrical and Electronics Engineering (Hons) from University Science of Malaysia (2000). He is also a Certified Trainer the Trainer (TTT) from HRDF.



**Mr. Tulaisiram
Naidoo**

Mr. Tulaisiram Naidoo graduated from Universiti Putra Malaysia (UPM) with a Bachelor of Computer Science, majoring in Computer Networking, in 2023. He has experience conducting technical training programs for graduates through industry development initiatives and has facilitated multiple weekend-based courses focused on digital and technology skills development. His training approach emphasizes hands-on learning, practical problem-solving, and real-world applications to help participants build confidence in technical subjects.



REGISTRATION FORM

VIRTUAL HALF DAY COURSE ON
"PYTHON PROGRAMMING FUNDAMENTALS"
25 JULY 2026 (SATURDAY) CLOSING DATE : 23 JULY 2026
Email : nursyazliza@iem.org.my

Registration Fees	ONLINE (Log-in for registration & payment at IEM PORTAL)	NORMAL FEE (By Email:Invoice & Quotation)
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NAME	MEMBERSHIP NO. / GRADE	FEES (RM)
Sub Total:		
SST Added 8% :		
Total Amount Payable :		

PAYMENT DETAILS :

☐ Cash RM _____

☐ Cheque no. _____ for the amount of RM _____ (non-refundable) .

FULL PAYMENT must be settled before commencement of the course, otherwise participants will not be allowed to enter the hall. If a place is reserved and the intended participant fails to attend the course, the fee is to be settled in full. If the participant failed to attend the course, the fee paid is non refundable. The Registration Fee includes lecture notes, refreshment and lunch.

For **ONLINE REGISTRATIONS**, please note that payment **MUST** be made **BEFORE the closing date**. If payment is not received within the stipulated time, the registration fee will be reverted to the normal registration fee.

Contact Person: _____ Designation: _____

Name of Organization: _____

Address : _____

Telephone No. : _____ (O) _____

Company Registration No. : _____

Tax Identification (TIN no) : _____

Email : _____

Signature & Stamp

Date