

राइ.सू.प्री.सं National Institute of Electronics & Information Technology, Shillong C & C++





PRE-REQUISITE

Basic Understanding of Computer Knowledge

REQUIREMENT

Compiler: gcc and g++ compiler in Ubuntu Linux OS Dev ++, MinGW compiler in Windows OS

- First C Program
- First CPP Program
- Tokens
- **Functions** Scope of Variables

DAY 2

- Increment and Decrement Operators
- 2. Arithmetic Operators
- **Relational Operators**
- **Logical Operators**
- 5. If and Else if Statement
- 6. Nested If and switch Statement

DAY 3

- Loops
- 2. Arrays
- 3. Working with 2D Arrays

DAY 4 **KHASI VIDEOS**

FROM SPOKEN

TUTORIAL ALSO

AVAILABLE!

- 1. Strings
- 2. String Library Functions
- 3. Working with Structures

DAY 5

- 1. Understanding Pointers
- 2. Function call
- 3. File Handling In C

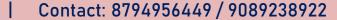
COURSE FEE

Rs 500/- incl of GST. Week (2 Hours Per Day) Online Course.

is to be paid online as per information provided in Google Form.

Apply online at the following Google Form link:https://forms.gle/PnebVki79iBDcATS6







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Candidate may apply online at the following Google Form link:- https://forms.gle/PnebVki79iBDcATS6



Pre Requisite

Basic knowledge of programming. Windows 10/7. Java 1.8 compiler.



Course Fee

Rs 500/- incl of GST. 1 Week (2 Hours Per Day) online course.



DAY 1

Java Installation, First Java program Numerical Datatypes, Arithmetic Operations



Creating classes and Objects, Instance fields Methods, Default Constructor



DAY 3

Using this keyword, Constructor Overloading Method Overloading, User input Sub classing and Method Overriding

TUTORIAL



Strings, Primitive type conversion, Relational Operations, Logical Operations, If else, Nested If



DAY 5

Switch case, While loop, For loop and Do while ALSO AVAILABLE! Introduction to Array, Array Operations

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For further details please visit https://nielit.gov.in/shillong/ Contact: 8794956449/9089238922



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PYTHON PROGRAMMING



OBJECTIVE

• The main objective of the course is to introduce participants into the world of Python programming. The course is structured to provide basic understanding and concepts of Python.



- Candidate must possess basic knowledge of computer

DURATION

- 1 week (2 hours per day)
- -Timing: 11:00 AM to 2:00 PM

Candidate may apply at the following link: https://forms.gle/PnebVki79iBDcATS6

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COURSE FEE

-Rs 500/- incl.of GST & all other charges.

REQUIREMENT

- Candidate must have computer/laptop with preferably 4 GB RAM or higher
- Software: Any IDE Anaconda, Spyder for Python(can be downloaded from respective websites)
- Internet connection with good speed (preferably 2Mbps or higher)

DAY 1: Python overview, Python Installation, Python Syntax, **Numbers & Strings**

DAY 2: Python Lists, Python Dictionary, Tuples, Set

DAY 3: Conditional Statements, Loops, List Comprehension, Exceptions Handling

DAY 4: Functions, Lambda, File Handling

DAY 5: Modules, Classes/Objects





Ministry of Electronics & Information Technology Government of India

NATIONAL INSTITUTE OF ELECTRONICS & INFORMATION TECHNOLOGY, SHILLONG

MySQL For Beginners

Objective

In this training student will learn about the basic concepts of an open source Relational Database System such as MySQL and the basic functionalities it has to offer

Prerequisite

10+2 with Basic knowledge of computer

Duration

1 Week (2 Hours Per Day) Timing: 03:00 PM to 05:00 PM

Course Fees

Rs 500/- incl. GST & all other charges

Online Mode

Google Meet /AnvDesk

MySQL statements (DDL, DQL, DML, DCL. TCL) DAY ✓ MySQL Datatypes ✓ MvSQL installation

✓ Managing MySQL Database/tables/users ✓ Create, Alter, Drop DAY ✓ Basic MySQL commands ✓ Select,Insert,Update,Delete

Requirement

- Candidate must have computer/laptop with preferably 4 GB RAM or higher.
- Software: MySQL (can be downloaded from https://dev.mysgl.com/downloads/mysgl/

✓ Database Design

✓ ER Modeling

• Internet connection with good speed (preferably 2Mbps or higher).

DAY ✓ Database Fundamentals ✓ Normalisation

✓ Composite key, Primary key, Foreign key



How To Apply

Candidate may apply online at the following Google Form link:- https://forms.gle/PnebVki79iBDcATS6

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For any further information/clarification, please contact below

Contact Details:

NIELIT Shillong (Formerly DOEACC Society, Shillong Centre) 2nd Floor, Meghalaya State Housing Financing Co-operative Society(MSHFCS) Limited Building, Behind Bethany Hospital, Nongrim Hills, Shillong – 793003, (Meghalaya). Phone No: 8794956449 / 9089238922 / (0364) 2520166 / 2520177 / 2520163. E-Mail: shillong@nielit.gov.in.



Course Explanation in Khasi Language Also!