



## Become a Hackveda Certified Corporate Professional - (Beginner)

**Skill level:** Beginner

**Training fee:** INR 17999 only (Topics covered: 216)

**Chief Trainer:** [Mr. Devanshu Shukla](#)

**Training Duration:** 36 days (3 hrs per day) | 54 days (2 hrs per day) | 108 days (1 hr per day)

**Presentation or Examination will be conducted within 36 days** from date of training completion.

\* Please note examination will be conducted after completion of training.

**Maximum examination attempts:** 03

**Minimum passing marks for certification and placement:** 90%

**Query Membership:** 01 year (Online / Offline)

**Spoken Language:** English / Hindi

**Venue:** Hackveda, H-3/60, III Floor, Sector-18, Rohini, Delhi-110089

**Contact person:** Mr. Yash Sharma, Software Engineer, Hackveda

**Contact phone:** 011-27297608, +91-9654825370, +91-9891799066

**Registration link:** [Register Now](#)

**Hackveda One2One Support Available:**

Training session video will be recorded and delivered to students via our Digital Learning platform [Hackveda One2One](#) for any time, any where learning and practice.

**Join the training at Hackveda 'TODAY' !**

**Course contents**

Introduction To C++

Structure of C++ Program

C++ Variables and Data Types

C++ Arithmetic Operators

C++ Relational Operators

C++ Logical Operators

C++ Assignment/Compound Assignment Operators

C++ Ternary Operators

Bitwise Operator

The IF Statement

The Switch Statement

For Loop

While Loop

Do-While Loop

Arrays In C++

MultiDimensional Array

Enumerators

Tokens Digraph and Trigraph Sequences

Functions In C++

Inline Functions

Overloaded Functions

Recursive Functions

Understanding Pointers

Null Pointers

Pointer To An Array

Passing Pointers To Functions

Classes And Objects

Adding Private Members To Classes

Adding Public Members To Classes

Adding Protected Members to Classes

Constructor In C++

Default Constructor

Parameterized Constructor

Copy Constructor

Constructor Overloading

Destructor

Array Of Objects

Introduction To Inheritance

Single Inheritance

Multiple Inheritance

Multilevel Inheritance Part-1

Multilevel Inheritance Part - 2

Polymorphism - Method Overloading

Polymorphism - Method Overriding

Operator Overloading

Using Namespace

Stack In C++

Queue In C++

Map In C++ Part 1

Map In C++ Part 2

C++ Dynamic Memory Allocation (New and Delete)

Overloading New And Delete Operator

Null Terminated String

C++ Pre Processors

Header and Source Files

Creating New Data Types (typedef)

References In C++

Gets and Puts In C++

Using Visual Studio CMD Prompt

Introduction To Java

Installation Of JDK

Variables

Data Types

Operators Part 1

Operators Part 2

Ternary Operator

Conditional Statements

Switch Case

For Loop

While Loop

Do-While Loop

Classes and Objects

Methods In Java

Method Overloading In Java

Constructor In Java

Constructor Overloading

Introduction To Inheritance

Types Of Inheritance

Super Keyword

Access Modifiers In Java

Nested Class

Overview of Exception Handling

Exception Handling - Try-Catch Nested Try Multi Catch

Exception Handling - Finally

Exception Handling - Throw Keyword

Exception Handling - Throws Keyword

Final Keyword

Abstract Classes and Methods

Bitwise Operators

Working with Date and Time

Java Date/Time API

Formatting Dates

LocalDate Class Part 1

LocalDate Class Part-2

Java LocalTime Class

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Java Swings Part-1

Java Swings Part-2

Swings - Event Handling

Using An Array

Using Loop To Process An Array

Two-Dimensional Array

The JDBC API

Creating And Running A Jar File

Running a jar file using cmd

String Builder Class

Math.Random Method

ArrayList Class

Converting an array into arraylist

Lambda Expression

Using Casting / TypeCasting

File Handling/ByteStream Part 1

File Handling/Byte Stream Part2

Character Stream

Interface

Using Interface

Extending Interfaces

Assertions In Java

Creating Generic Class

Java Enum

Stream API Example

Stream API and Fork Join Framework

Stream Operations

Stream Map

Stream FlatMap

Stream Sorting

Java File Class

Using the Stream API with NIO.2

Method Reference

Method Chaining

JDBC With Swing

Login and Registration With Mysql

Login and Profile Page With Mysql

Develop and Consume Web Service in java

Create Web Services Using Java

Java Servlet

Create JSON Service in Java

Java Servlet

Read JSON output Parse and show in Servlet Part-1

Read JSON output Parse and show in Servlet Part-2

Creating and Parsing JSON Object Definition

JSP Introduction Creation And Showing Information Using Servlet

Advanced JSP with Servlets and Database Part-1 [TripAdvisor Exampe]

Advanced JSP with Servlets and Database Part-2 [TripAdvisor Exampe]

JSON Parsing with JSP and Servlet [Google Directions API]

JSP Servlet and Database using Facebook Example

Create a Student Results Application Using JSP Servlet Database Session

Session handling in JSP

File Uploading in JSP using Multipart Request

File Uploading and Display on JSP Page

Analysis of Array Vector Counter and Index

Bit Manipulations in C++ and Java

Concepts of Stack Queue and Deque in C++

Set and Map in C++

Priority Queue in C++

Priority Queue in C++ [ Class Room Recording ]

Practice Problem on Priority Queue - Little Monk and Virat

Graph using Adjacency List in C++

Graphs using Adjacency Matrix in C++

Graph- Breadth First Search

Graph- Depth First Search in C++

Union Find Data Structures in C++

Java- Union Find Data Structures

Segment Tree Data Structures in C++

Introduction to Competitive problems- Complete search

Installation of Visual Studio 2015 Community Edition

Unlock Visual Studio Evaluation Period

Write your first console application in C# and Test

Write your second console application in C# with command line arguments

Manage Notifications in Visual Studio 2015

Personalise Visual Studio 2015

Manage Fonts and Colors in Visual Studio 2015

Manage Menu and Toolbar in Visual Studio 2015

Manage Start Page for Visual Studio 2015

Differences between Executable and DLL Files in Windows

## How to Join

- 1.) Register your name online at [Register Now](#)
- 2.) Deposit your training fee via IMPS / NEFT / PAYTM / Google Tez / Phone Pe or Cash Deposit at Training Centre
- 3.) Send snapshot / transaction number via Whatsapp to +91-9654825370 or Email us at admin@hackveda.in
- 4.) Bill will be generated and sent to your Email ID, Hackveda One2One account details will also be sent via sms and email. You can also collect Hackveda One2One account details from training centre.

## Bank Details for IMPS / Paytm to Bank / NEFT / ATM - Cash Deposit

Name: Devanshu Shukla

Account Number: 55142333064

Bank Name: State Bank of India

Branch: Rama Market, Pitampura

IFS Code: SBIN0050403

### **Pay via PayTM / Google Tez / Phone Pe**

9654825370

### **Optional Pre-requisites**

Laptop & Charger, 4GB+ Pendrive, Headphones

### **Training Centres**

Hackveda - H-3/60, III Floor, Sector-18, Rohini, Delhi - 110089