

Gaurang Patel Computer Tutor

Since 2008

A-205, PNTC Center, B/H Titanium City Center, Times Of India
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● Classroom Training ● Online Training ● Corporate Training

Training Courses

Web Development

- PHP Training Course
- Laravel Framework Training
- Codeigniter Framework Training
- Angular JS Training
- Wordpress CMS Training
- ReactJs Training Course
- Nodejs Training Course
- Magento Training Course
- Full Stack Development Course
- MERN Developer Course
- MEAN Developer Course

Web Design & UI / UX

- HTML Training
- HTML5 Training
- CSS Training
- Javascript Training
- JQuery Training
- Bootstrap Training
- Media Query Training
- UI / UX Training

Final Year Project Training

- Final Year Project Training
- Live Project Training

IT Corporate Training

- IT Corporate Training

Training Courses

SEO & Digital Marketing

- Organic SEO Course
- Google Ads & Services
- Social Media Marketing
- Content Writing Course

Tally Course

- Basic Tally Course
- Senior Accountant Course
- Liasing With Bank

Ms Office Course

- Ms Word Course
- Ms Exel Course
- Ms Power Poin Course
- Advance Exel Course
- Ms Office Course
- MIS Report Pepare

Software Testing

- Manual QA Testing
- Automation Testing
- Performance Testing
- Mobile App Testing

Mobile Application

- Mobile App Development
- ios App Development
- Cross Platform/Haybrid
- React Native App Development

School Computer Course

- 12th
- 10th

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C++ Programming Language Course

Introduction to C++

- Software Crisis & Evolution
- Define Variable & Rules
- Keywords In CPP
- Data types
- Declaration of Variables
- Output Stream (cout) & Manipulators
- Input Stream (cin)
- POP vs OOP
- Features of Object Oriented Programming Languages
- Object

Loop

- For
- While
- Do While
- Switch Case
- Nested Loops

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C++ Programming Language Course

Operators

- Arithmetic operators
- Relational operators
- Logical operators
- Assignment operators
- Increment & decrement operators
- Conditional operators
- Bitwise operators
- Sizeof operator

Conditional Statement

- If
- If..else
- If...elseif...else
- Break & Continue
- Jump Control structures (Goto)

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C++ Programming Language Course

Functions in C++

- Defining a Function
- Calling a Function
- Return statement
- Function Prototype
- Basic Function Designs
- Scope
- Reference variables
- Recursion
- Parameter Passing Methods
- Call by value
- Call by address & Reference
- Function Overloading
- Default Arguments
- Inline Functions

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C++ Programming Language Course

Class

- What is Class and Define Class
- Defining a Class
- What is object and Creating Object
- Access Specifies and Class Members
- Scope Resolution Operator (::)
- Defining Member Functions
- Making an Outside Function Inline
- Inside the Class
- Nesting of Member Functions
- Static Member Functions
- Member function with argument
- This Pointer
- Passing Objects as Arguments
- Returning Objects
- Array of Objects (Array within Class)
- Pointer to Object (Pointer to Members)
- Dynamic Objects
- Friendly Functions

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C++ Programming Language Course

Constructors & Destructors

- What is Constructors?
- Properties of Constructors
- Types of Constructors
- Default Constructors
- Multiple Constructors in a Class
- Parameterized Constructors
- Copy Constructors
- Constructor Overloading
- Constructors with Default Arguments
- Destructors Constructor
- Differences between Member functions & Constructors
- Differences between Constructors & Destructors
- const Objects
- Static Data Members and Member Functions
- Constant Data Members and Member Functions

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C++ Programming Language Course

Operator Overloading

- Introduction of Operator Overloading
- Defining Operator Overloading Function
- Overloading Unary Operators
- Overloading Binary Operators
- Overloading Unary Operators using Friend Functions
- Overloading Binary Operators using Friend Functions
- Overloading << & >> Programs

Managing Console I/O Operations

- C++ Streams Classes
- Unformatted I/O Operations
- Formatted Console I/O Operations
- Managing Output with Manipulators

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C++ Programming Language Course

Inheritance

- Introduction of Inheritance
- Class Hierarchies
- Base classes
- Define Derived Classes
- Derived Class Definition
- Access Specifier: Protected
- Types of Inheritance & Programs
- Making a Private Members Inheritable
- Single Inheritance
- Multiple Inheritance
- Abstraction Classes
- Hierarchical Inheritance
- Multi-level Inheritance
- Hybrid Inheritance
- Multi-path Inheritance
- Virtual Base Classes
- Constructors in Derived Classes
- Destructors in Derived Classes

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C++ Programming Language Course

Pointers, Polymorphism and Virtual Functions

- Introduction of Polymorphism
- Pointers To Objects
- Static Binding
- this Pointer
- Dynamic Binding
- Encapsulation
- Virtual Destructor
- Function Overriding
- Accessing Members using Pointers
- Virtual Functions
- Pure Virtual Functions
- Abstract Classes
- Virtual Destructors

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C++ Programming Language Course

Working With Files

- Introduction
- Classes for File Stream Operator
- File Streams Classes
- Opening & Closing a File
- Detection End of File
- File Pointers & Their Manipulation
- Sequential Files
- Random Access Files

Templates

- Introduction
- Advantages
- Function Templates
- Over loading function template
- Class Templates
- Inheritance Class Templates

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C++ Programming Language Course

Exception Handling

- Types of Errors
- Basics of Exception Handling
- Benefits of exception handling
- Try, Catch, Throw keywords
- Throwing an exception
- 'Try' block
- Catching an exception
- Exception Handling Mechanism
- Re-Throwing an exception
- Exception Handling Mechanism
- Catching all exceptions
- Nested try blocks