



**GET
THE IT EDGE**

FOUNDATION IN

INFORMATION TECHNOLOGY

DURATION
80
HOURS

LOGIC BUILDING | C++ | PYTHON | HTML5

CONTENTS

PROGRAM NAME	TOPICS COVERED
Logic Building	• Overview of Programming • Building Blocks of a Program • Algorithms • Flowcharts • Pseudocodes • Types of Statements
C++	• The Foundation of Object-Oriented • Classes and Objects in C++ • Variables and Data Types • Conditional and Iterative Constructs • Arrays and Structures • Creating Functions • Built-in Functions • Abstraction • Encapsulation • Inheritance • Polymorphism
HTML5	• Understanding Elements of a Web Page • Exploring the <HEAD> Tag • Exploring the <BODY> Tag • Identifying the Syntax of CSS & Java Script • Accessing Multiple Web Pages Using Anchors and Frames • Creating Forms • Creating Tables • Using of WIX to create web-pages • Customising Templates using WIX • Create Your own Web Page
Python	• Usage of Python • Input and Output Statements • Variables and Data Types • Conditional and Iterative Constructs • Arrays and Structures • Creating Functions • Built-in Functions • Data Persistence • Understanding Collection Operations • Regular Expressions • Python PIP