# Full Stack Web Dev. Duration 1 1/2 months

## HTML

- → Web Basics
- → HTML Elements
- → Linking in HTML, Anchor Attributes
- → Body: Backgrounds, Fonts, Colors, Text
- → Tables → Frames
- → Audio & Video in HTML
- → Image Maps, Meta Tag → HTML Forms

#### CSS

- → CSS Introduction → Inserting CSS in HTML
- → CSS Selectors → Class → Inheritance
- → Layout → Backgrounds → Borders
- → Margin → Padding Lists
- → Fonts → Text Formatting → Positioning

# **JavaScript**

- → Javascript Overview → Javascript Syntax
- → Embedding HTML tags with JavaScript
- → Variables and Input Operations
- → Conditional Statements
- → Control Structures
- → Arrays → Functions
- → JavaScript Objects
- → Document Object Model (DOM)

#### DSA

#### **Duration 2 months**

- → Introduction to DSA
- → Tree

→ Arrays

- → Graph
- → Linked List → Stack → Queue
- → Hash Table

# PPS (FE) Programming & Problem Solving

**Duration 2 Months** 

# Career Oriented Professional Courses

# MISD (Masters in Software Dev.)





**Duration 7 Months** 



**MISD** with DSA

**Duration 9 Months** 



MISD with Full Stack Web Dev.

**Duration 9 Months** 



MISD with DSA & Full Stack Web Dev.

**Duration 11 Months** 

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**Masters In Software Development** 

**Python Programming** 

**Java Programming** 

Branch 1: Second Floor, KrushnKunj Apartment Opposite to Pune Institute of Aviation Technology Sinhgad College Campus, Ambegaon, Pune - 46.

Branch 2: Third Floor, Above Shree Sainath Hospital, Trimurti Chouk, Near PICT College, Behind Bharati Vidyapeeth, Katraj, Pune - 43.

# **MISD**

**Masters in Software Development** 

#### **Course Contents**

- > Basics of Programming
- > C Programming
- > Python Programming (Basic + Adv)
- > C++ Programming
- Core Java
- > Advanced Java
- MySQL (Database)
- > AI & ChatGPT
- Interview Preparation & Resume Formation

**Duration: 7 Months** 

Daily 1 hr. lecture

# Features of MISD

- Learn from Pankaj Sir Book Author of more than 70 Books of Engineering, BCA, BCS, Diploma, MCA
- Professional Notes
- 100% Practical Oriented Course
- Interview Preparation
- Job Assistance
- Perfect Course for Students Seeking Job

# **Python Programming**

## **Course Contents**

# Core Python

- > Introduction to Python Programming
- > Comments, Variables, Input Operations
- > Tuple, List & Dictionary
- Decision Control Statements
- > Functions and Modules
- > Strings

# **Advanced Python**

- Object Oriented Programming (OOP)
- > File Handling
- > Database Handling
- GUI Programming (tkinter)
- Numpy (Arrays)
- Pandas > Django Framework
- Resume Formation and Interview Preparation

**Duration :2 1/2 Months** 

# **Programming Languages**

# C Prog. Duration 1 ½ months

- → Fundamentals
- → Array
- → Variables , Identifiers
- → Character Array
- → Decision Control Structures
- → Structures
- → Loop Control Structures
- → Pointers

→ Functions

→ File Handling

C++	Duration 1 ½ months
→ Oops Concepts	→ Destructor
→ Function Prototyping	→ Inheritance with Types
→ Function Overloading	→ Inline, Friend Function
→ Class & Objects	→ Operator Overloading
→ Constructor with Types	→ File Handling
→ Constructor Overloading	→ Exceptions , Templates

Java	Duration 2 months
→ OOPS Concepts	→ Inheritance with Types
→ Scanner Class	→ Abstract Class & Interface
→ Class & Objects	→ Exception Handling
→ Constructors with Types	→ Applets
VAN DE RESERVE DE COMMUNICIPAL	→ Package

Adv. Java	Duration 2 months
→ Java Database Connectiv	vity (JDBC)
→ Multithreading → Netwo	rking & Security
→ Abstract Window Toolki	t (AWT) → Swing
→ Event Handling → Serv	lets
→ Java Server Pages (JSP)	

# MySQL / DBMS Duration 2 months

→ Database Concepts	→ Update & Delete
→ MySQL Introduction	→ Aggregate Functions
→ SQL	→ 'Group By' & 'Having'
→ Creating Tables	→ Sub-query / Nested Query
→ Insert & Select Queries	→ Drop Database
→ 'where' Clause	→ Alter Table
→ SQL Operators	→ Constraints
+ 'Order by' Clause	→ Views → Joins