

Play, Learn and Grow

# Empowering Kid Knowledge

Class 11





## WEB DEVELOPMENT

### HTML

Learn the basic building blocks of the web and create an HTML document.

### CSS

Learn basic CSS styling

### BootStrap & Flexbox

CSS Frameworks for websites

### SASS

Styling Websites with SASS

### JavaScript

Introduction to JavaScript with DOM manipulation

### Facebook Workshop

Understanding the components of Facebook



## APP DEVELOPMENT

### Intro To Apps

Overview of Apps and its type

### Intro To Flutter

Using Flutter as a tool to create apps

### Intro To DART Programming

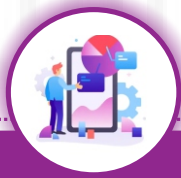
Programming in DART language

### Intro To Basic Widgets & Layout

Widgets for making an APP

### Project

Hands-on project using the concepts learnt



## DATA SCIENCE

### Intro To Data Science

Overview of Data Science and its workflow

### Probability & Statistics

Getting our Basics Strong with Probability and Statistics

### Python and Fundamental Libraries

Exploring Python and it's fundamental libraries

### Machine Learning Libraries

Mastering Machine Learning libraries to assist us in projects

### Feature Engineering

Understanding the process of extracting features from data



## C++

### Intro To C++

Learning about C++

### Operators & Expression

Understanding the concepts of Operators to assist in our journey of learning C++

### Flow Of Chart

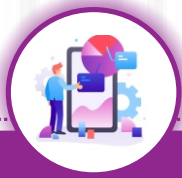
Understanding concepts of Flow of Execution of C++ code

### LOOPS

Learning about repeated execution of a block of code

### Array and Functions

Exploring Arrays and Functions to enhance our C++ code



## DATA SCIENCE

### Types Of Learning In Machine Learning

Algorithms in Machine Learning

### Testing

Evaluation of our machine learning model

### Workshop

Hands-on project



## C++

### Strings

Overview of Strings as a concept

### Concepts Of Pointers, Structure and Union

Learning about Pointers, Structure and Union

### Object Oriented Programming

Understanding OOPs Concepts in C++



## INTERNET OF THINGS

### Intro To IoT And Networking

Understanding IoT Fundamentals

### Event Handling

Handling IoT events using practical examples

### Arduino And Their Programming

Introduction to Arduino and its related concepts

### Live Project

IoT Workshop

### Basic Logic Gates

Learning Logic Gates (AND, OR, XOR etc)

### Integrated Circuits

Understanding Microprocessors and Microcontrollers in depth



## PYTHON

### Getting Started

Basics of Python with environment setup

### Get Your Basics Right

Introducing Python Fundamentals

### Data Types

Dealing with Data in Python

### Objected Oriented Programming

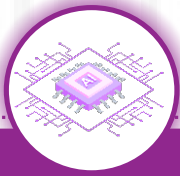
Understanding OOPs Concepts

### Algorithms

Understanding Algorithms

### Modules & Workshop

Learning about Modules & Python Workshop



## ARTIFICIAL INTELLIGENCE

### Intro To AI & Data

Diving into the field of Artificial Intelligence (AI) and it's related concepts

### Intro To Machine Learning

Understanding concepts of Machine Learning with practical examples

### Intro To Data Science

Overview of concepts in Data Science

### Miscellaneous

Exploring concepts such as Deep Learning, NLP using Case studies



## NETWORKING

### Intro To Computer Network

Overview of Computer Networks

### Networking

Learning about network types, devices, topologies and protocols

### Mobile Communication Technologies

Going in-depth and understanding Mobile Communication Technologies

### Internet, Web and Internet of Things

Going in-depth and understanding Mobile Communication Technologies

### Network Security Concepts

Mastering Network Security Concepts



## CYBER SECURITY

### Intro To Cyber Security

Overviewing the concepts in Cyber Security

### Firewall

Learning the know-how of Firewall

### Types Of Vulnerability and Prevention

Grasping the essential concepts of Vulnerability and Prevention



## GAME DEVELOPMENT

### Intro To Game Development

Understanding Game Development Concepts

### Game Programing : Scratch Programing

Using Scratch- Basic to Advanced concepts

### Game Programing Unity

Using Unity for Game Development

# Get In Touch

+91 8010805667

info@i4achieversjunior.com

4achieversjunior.com

A-77, Ground Floor, Sector 2, Near  
Sector 15, Metro Station, Noida, 201301

