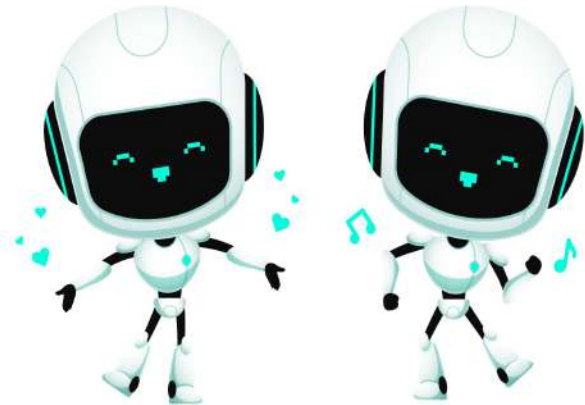


# Coding Jr

Class - 9





## WEB DEVELOPMENT



### HTML

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



### CSS

Learn basic CSS styling



### JAVASCRIPT

Introduction to JavaScript with DOM manipulation



### CLOUD VS LOCAL

]Weighing the pros and cons of Cloud vs Local Storage



### WORKSHOP

E-Commerce Website



## APP DEVELOPMENT



### INTRO TO APP

Learning about different types of Apps



### FLUTTER

Learning about Flutter to create Apps



# DATA SCIENCE



# C++



## INTRO TO DATA SCIENCE

Overview of Data Science and its workflow

## INTRO TO C++

Learning about C++



## PROBABILITY & STATISTICS

Getting our Basics Strong with Probability and Statistics

## OPERATORS & EXPRESSION

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

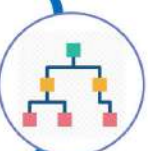


## PYTHON AND FUNDAMENTAL LIBRARIES

Exploring Python and its fundamental libraries

## FLOW OF CHART

Understanding concepts of Flow of Execution of C++ code



## MACHINE LEARNING LIBRARIES

Mastering Machine Learning libraries to assist us in projects

## LOOPS

Learning about repeated execution of a block of code



## FEATURE ENGINEERING

Understanding the process of extracting features from data

## ARRAY & STRINGS

Exploring Arrays and strings to enhance our C++ code





# INTERNET OF THINGS



# PYTHON

## INTRO TO IoT AND NETWORKING

Understanding IoT fundamentals



## GETTING STARTED

Basics of Python with environment setup



## EVENT HANDLING

Handling IOT events using practical examples



## GET YOUR BASICS RIGHT

Introducing Python Fundamentals



## ARDUINO AND THEIR PROGRAMMING

Introduction to Arduino and its related concepts



## DATA TYPES

Dealing with Data in Python



## RASPBERRY PI

Introducing Raspberry Pi to assist us in doing hands-on projects in IoT



## OBJECTED ORIENTED PROGRAMMING

Understanding OOPs Concepts





# INTERNET OF THINGS



# PYTHON



## BASIC LOGIC GATES

Learning Logic Gates (AND, OR, XOR etc)

## ALGORITHMS

Understanding Algorithms



## INTEGRATED CIRCUITS

Understanding Microprocessors and Microcontrollers in depth

## WORKSHOP

Python Workshop



## WORKSHOP

Smart Home Automation



## ARTIFICIAL INTELLIGENCE



## NETWORKING

### INTRO TO AI & DATA

Diving into the field of Artificial Intelligence (AI) and its related concepts



### INTRO TO COMPUTER NETWORK

Overview of Computer Networks



### MISCELLANEOUS

Discovering Topics like NLP, Deep Learning etc. to enhance our understanding about AI



### NETWORKING

Learning about network types, devices, topologies and protocols



### WEB SERVICES

Exploring Different Web Services to learn in depth about Web



### INTERNET, WEB AND INTERNET OF THINGS

Understanding the concepts of Internet, Web and IoT



### NETWORK SECURITY CONCEPTS

Learning about Network Security to secure the networks





## CYBER SECURITY



## GAME DEVELOPMENT



### INTRO TO CYBER SECURITY

Overviewing the concepts in Cyber Security



### INTRO TO GAME DEVELOPMENT

Understanding Game Development Concepts



### FIREWALL

Learning the know-how of Firewall



### GAME DESIGN CONCEPTS

Using Scratch- Basic to Advanced concepts



### TYPES OF VULNERABILITY AND PREVENTION

Grasping the essential concepts of Vulnerability and Prevention



### INSTALLING UNITY

Using Unity for Game Development