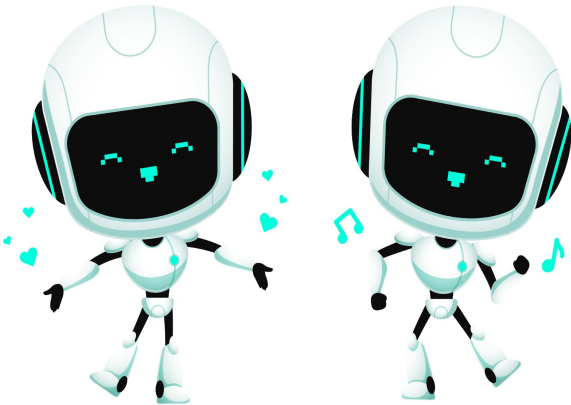
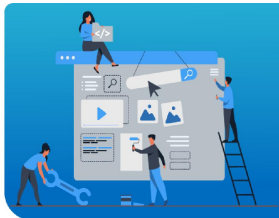


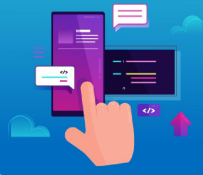
# Coding Jr

Class - 7





# WEB DEVELOPMENT



# APP DEVELOPMENT

## HTML

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



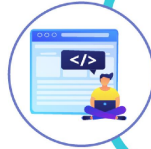
## INTRO TO WEB APPS

Overview of Web Apps and its types



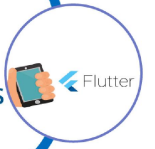
## CSS

Learn basic CSS styling



## INTRO TO FLUTTER

Using Flutter as a tool to create apps



## JAVASCRIPT

Introduction to JavaScript with DOM manipulation



## INTRODUCTION TO BASIC WIDGETS

Widgets for making an APP



## CLOUD VS LOCAL

Weighing the pros and cons of Cloud vs Local Storage



## PROJECT

Learning to code a basic webpage to showcase our projects





# DATA SCIENCE



# C++

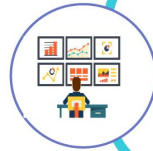


## INTRO TO DATA SCIENCE

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++

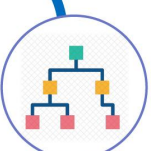


## PYTHON AND FUNDAMENTAL LIBRARIES

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



## FEATURE ENGINEERING

Understanding the process of extracting features from data



# DATA SCIENCE



## MACHINE LEARNING MODELS

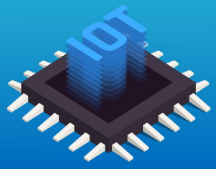


Learning about different Machine Learning Models to apply into practical use in real life situations

## EVALUATION OF MODEL



Evaluation of our machine learning model



# INTERNET OF THINGS



# PYTHON

## INTRO TO IoT AND NETWORKING

Understanding IoT fundamentals



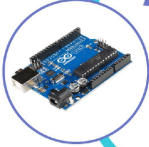
## GETTING STARTED

Basics of Python with environment setup



## ARDUINO AND THEIR PROGRAMMING

Introduction to Arduino and its related concepts



## GET YOUR BASICS RIGHT

Introducing Python Fundamentals



## EVENT HANDLING

Handling IoT events using practical examples



## INTRO TO OOPs

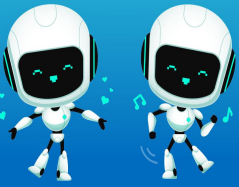
Understanding OOPs Concepts



## WORKSHOP

Bluetooth car workshop





# 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



## TYPES OF NETWORKS

Exploring different types of Networks like WAN, LAN etc



## INTERNET & IoT

Learning about the Internet and Internet of Things to enhance our knowledge





## 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



### BASIC GAMES IN SCRATCH

Using the concepts learnt in Scratch language, to make a game



### TYPES OF VULNERABILITY AND PREVENTION

Grasping the essential concepts of Vulnerability and Prevention



### GAME DESIGN CONCEPTS

Using Scratch- Basic to Advanced concepts



### COMPUTER PROTECTION BASICS

Getting our basics right to protect our computers from unwanted attacks