

Online Coding & Artificial Intelligence Winter Camp with UK Certification for kids ages 5-17 during 12th - 23rd December 2021.



Cyber Square

Users to Creators: AI | Robotics | IoT | Coding for Kids

# Why should you take a coding camp?

The world runs on code: smartphone apps, robots, video games, and small businesses. In the coming years, software occupations are expected to rise, making coding and app development the most in-demand skills on the planet.



# What role does our winter coding camp serve for kids?

The Cyber Square Winter coding camp is a fun-filled winter camp that includes training in Visual programming, Python, HTML, CSS, JavaScript, and other languages, allowing kids and teens to develop games, websites, apps, and more. Students gain hands-on experience with AI, coding, game development, website design, and other relevant, in-demand topics through these programmes.

#### Benefits of attending winter camp to students

- Kids will create animations and games using visual coding
- Kids will learn to create & host a website by using javascript
- Kids will learn to create games & apps professionally
- Kids will learn the basics of of Al and will create projects by using Python
- Gain UK certification & other exciting prizes by the end of the course

#### **Mode of training**

Live instructor-led online training via Google Meet

#### **Duration**

1 hour/day

#### **Class Schedule**

Date: 12th - 23th December 2021 (Sunday - Thursday)

Choose any one time slot convenient to you

Batch 1: 9 AM - 10 AM

Batch 2: 10.30 AM - 11.30 AM

Batch 3: 12 PM - 1 PMBatch 4: 2 PM - 3 PM

# "Present Your Project & Win Exciting Prizes"



### **Our Courses**

#### Little Coder

Cyber Square Little Coder Beginner course will be a perfect start for kids from the age of 5 to 9 to learn the basics of coding. It teaches programming by making them build simple games and animations in a fun & interactive way.

Age: 5 & above

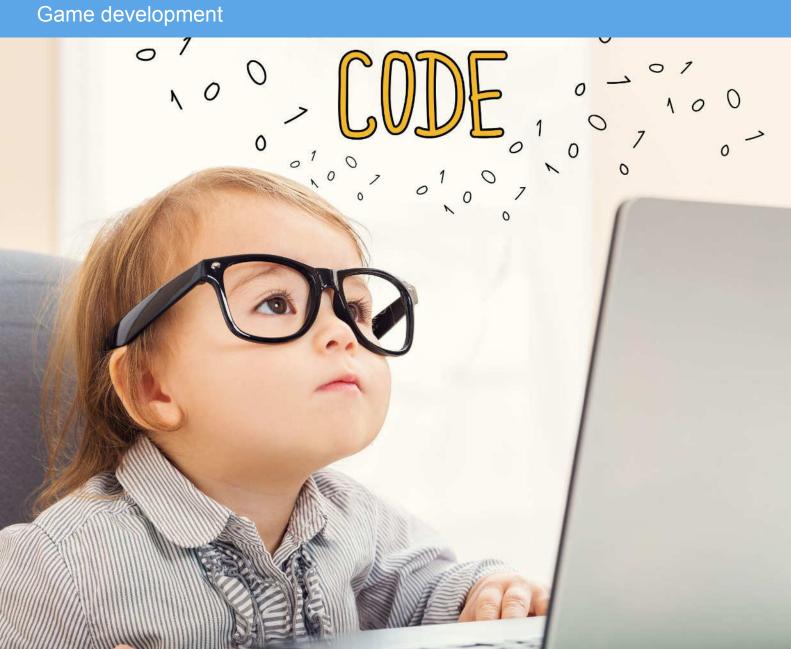
#### **Projects:**

Animation - scuba diver catching fish

Animation - Emy and angel

#### **Key Learnings:**

Programming
Scratch
Game development



#### **Our Courses**

# Design your website

Cyber Square Design Your website Beginner course is suitable for kids from age 7 and above. This web design course for kids will help them to understand the working of the web and design a website by themselves.

Age: 7 & above

#### **Projects:**

Create a website for your school Create project documentation

#### **Key Learnings:**

Web Hosting Google Sites HTML CSS G Suite



#### **Our Courses**

# **Artificial Intelligence**

Cyber Square's Online Artificial Intelligence Course For Kids inviting smart kids to the eventful journey to the world of artificial intelligence through project-based learning.

Age: 9 & above

#### **Projects:**

Smart Lock Intelligent Chatbot Speech detecting calculator Flappy bird game

#### **Key Learnings:**

Introduction to AI
Computer Vision
Speech Signal Processing
Natural Language Processing
Rule based system
Machine learning





This course will help kids to learn the basic of game design, build an understanding of the game world, storytelling, UX, game technology and programming.

Age: 7 & above

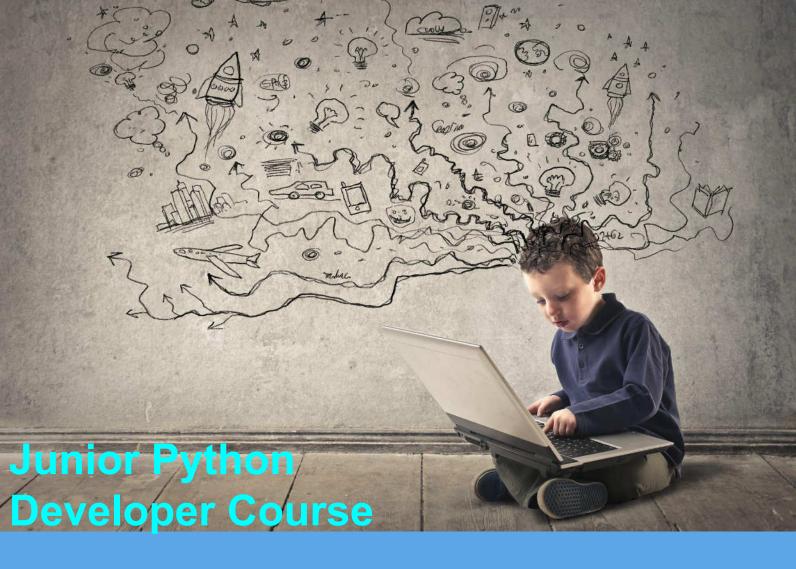
#### Projects:

Catch & win game using visual coding Visual coding window using JavaScript Calculator using JavaScript

#### **Key Learnings:**

Programming Basics Visual Coding HTML, CSS JavaScript

## **Our Courses**



Python is a beginner-friendly and widely used programming language. We are introducing the best way of learning through gamification that encourages kids to learn more.

Age: 9 & above

#### **Projects:**

Turtle Race Game using Python Catch & win game using visual coding Catch & Win game using Pygame

#### **Key Learnings:**

Basic programming
Visual Coding
Basic concepts of Python
Pygame

**Our Courses** 





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