

IMAGINE



TECHYGUIDE

Follow Innovation!



IDEATE



INNOVATE

STEM BUNDLE

WHAT YOU WILL GET?



Coding



Robotics



AI



IoT



3D Printing

1

90 Live Classes

2

Lifetime Access to Course ID

3

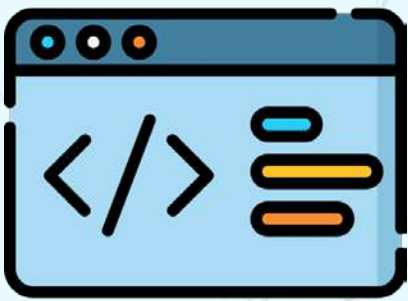
Certificate

4

Assignment

5

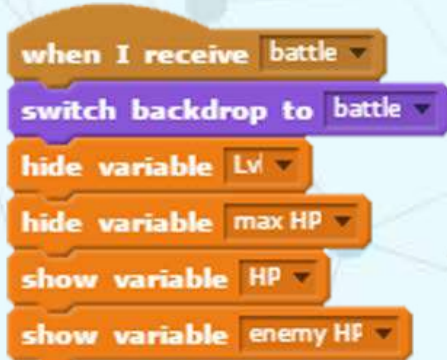
2 in 1 STEM Kit

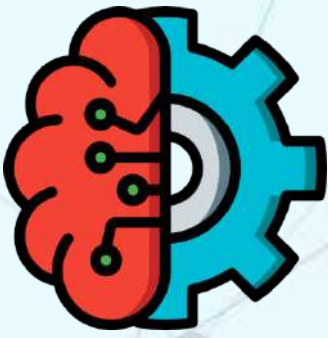


CODING FOR KIDS

Let Your Child Learn How to Code With Ease

- 1 Introduction to coding software
- 2 Backdrop, Costume, and Animations
- 3 Drawing Shapes using Code
- 4 Variables: the Multitaskers
- 5 Arithmetic Operators-Make a calculator using code
- 6 Writing Conditional Statements
- 7 Logical Operators
- 8 Code a game
- 9 Creating animations using code

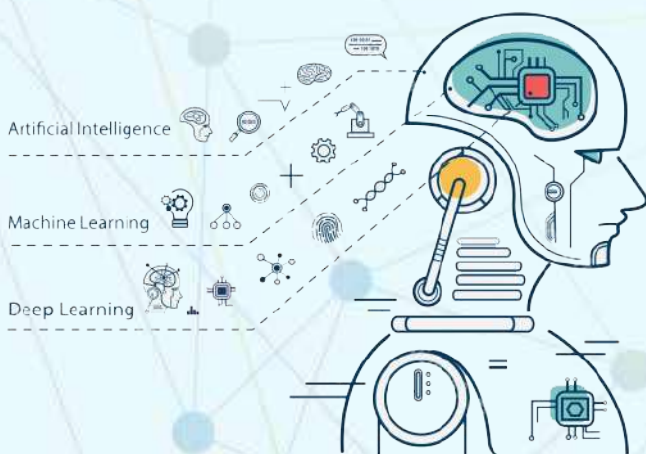




ARTIFICIAL INTELLIGENCE

Learn To Address world problems through AI

- 1 Introduction to AI
- 2 Introduction to Pictoblox
- 3 Computer Vision
- 4 Face Detection
- 5 Optical Character Recognition
- 6 Speech Recognition
- 7 Introduction to Machine Learning
- 8 Pose Classifier
- 9 Making a game using AI





3D PRINTING

Getting Started With 3D Printing Technology

1 Introduction

1.1 Finding the Area of a Hexagon Activity

2 Safety Precaution

2.1 Finger Wrench Digit Spanner Activity

3 Different Types and process of 3D printing

3.1 Center of Mass Lesson - Balancing Bird Activity

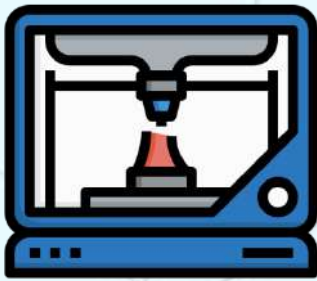
4 Architecture and hardware demonstration of 3D Printer

4.1 Oriceps-Origami Inspired Forceps Activity

5 Additive v/s Conventional Manufacturing process

5.1 Molecules and Compounds Activity





3D PRINTING

Getting Started With 3D Printing Technology

6 Materials used in 3D Printing

6.1 Fingerdigger Activity

7 Additive Manufacturing Techniques

7.1 DNA Model Activity

8 Buzz words of 3D printing

8.1 Modular Math Gear Activity

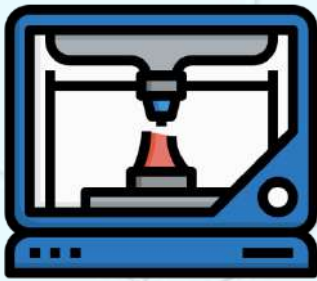
9 Application Domains of 3D printing

9.1 Alpha Decay Model Activity

10 Advantages of 3D Printing

10.1 Molecular Construction Kit Activity





3D PRINTING

Getting Started With 3D Printing Technology

- 11** Process the 3D model using slicing software
 - 11.1 Archimedes Screw Activity
- 12** Design of 3D model using different designing software's
 - 12.1 Atomic Orbital Collection Activity
- 13** Common fault and troubleshooting
 - 13.1 Self Watering Planter Activity
- 14** Post Processing Techniques
 - 14.1 Spring Motor Mechanism Activity
- 15** Uses of 3D Pen
 - 15.1 Automatic Transmission Model Activity





INTERNET OF THINGS

Connected Devices. How It Actually Works!

- 1** Introduction to IoT
- 2** Simple Led Blinking
- 3** Firefly
- 4** Alternate Flashing Light
- 5** Light Activated LED
- 6** Dark Activated LED
- 7** Duel Led Flasher
- 8** Fading LED
- 9** Disco Light
- 10** Eye



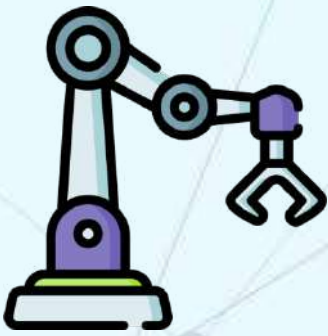


INTERNET OF THINGS

Connected Devices. How It Actually Works!

- 11 Automatic Street Light Control**
- 12 Introduction to ESP32 Board**
- 13 Learning about IoT Platform**
- 14 Get Your Computer ready to learn the ABC of IoT**
- 15 Controlling LED**
- 16 Smart Door Lock**
- 17 Smart Intruder Alert System**
- 18 Smart Parking System**
- 19 Monitor Room Temp & Humidity**
- 20 Smart Lamp**



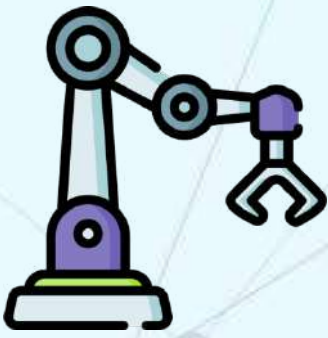


ROBOTICS

It's Like Nurturing Young Innovators

- 1 Introduction to Robotics
- 2 Introduction to Arduino Board, sensors & Actuators
- 3 Tone Melody
- 4 Smart Doorbell
- 5 Fire Alarm
- 6 Smart Lamp
- 7 Danger Detector
- 8 Light Following Robot
- 9 Human Following Robot





ROBOTICS

It's Like Nurturing Young Innovators

10 Obstacle Avoid-er Robot

11 Edge Avoiding Robot using IR

12 Fire Detection Robot

13 Bluetooth control Car

14 Line following Robot

15 Edge Avoiding Robot

16 Joystick Control Car

17 Gesture Control Robot

18 Smart Dustbin



REACH US

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