

Course detail page layout:

Banner Image and description

Features and benefits(in details)

Course content (module wise)

Process(whole journey of enrollment)

Parent feedback and Teacher's list

(For 152 Classes)**Key Learnings:**

- Scratch programming
- Artificial Intelligence
- Machine learning
- Game development
- Android App development

Achievements

- Improved aptitude
- Critical thinking
- Conceptual clarity
- Creative boost

Module 1: Game design 1

Platform: **Scratch**

Content: **8 classes and 32 projects+**

Module description:

Get an introduction to scratch and how it works. Learn about coordinate systems, broadcasting and receiving messages by making scratch projects.

Module 2: Game design 2

Platform: **Scratch**

Content: **6 classes and 18 projects+**

Module description:

Understand interlinking concepts with the help of Broadcast and Cloning in game

Module 3: Advance Game design

Platform: **Scratch**

Content: **6 classes and 18 projects+**

Module description:

Learn advanced game functionality and animation effects.

Module 4: Artificial Intelligence

Platform: **Machine Learning for kids**

Content: **6 classes and 18 projects+**

Module description:

Get an introduction to Artificial intelligence by using the concept of Image Recognizer and block coding.

Module 5: Machine Learning

Platform: **Machine Learning for Kids**

Content: **6 classes and 18 projects+**

Module description:

Get an introduction to speech recognition and Machine Learning

Module 6: Advance Game design

Platform: **Thunkable**

Content: **6 classes and 18 projects+**

Module description:

Introduction to basics of mobile application development by creating exciting games like Space Warriors.

Module 7: Utility Apps

Platform: **Thunkable**

Content: **6 classes and 18 projects+**

Module description:

Learn to create app

Module 8: Native Application

Platform: **Thunkable**

Content: **6 classes and 15 projects+**

Module description:

Learn how to build games and apps using cloud storage.

Module 9: Firebase Integration

Platform: **Thunkable**

Content: **6 classes and 15 projects+**

Module description:

Learn how to integrate apps with firebase by creating exciting apps.

Module 10: App Publishing

Platform: **Thunkable**

Content: **6 classes and 2 projects+**

Module description:

Create a multi-gaming application and publish your own application on Google Play Store.

Module 11: Frontend Development

Platform: **Repl.it**

Language: **HTML**

Content: **6 classes and 20 projects+**

Module description:

Learn about basic of web and create your own webpage using HTML

Module 12: Webpage Styling

Platform: **Repl.it**

Language: **CSS**

Content: **6 classes and 20 projects+**

Module description:

Learn to make your web page visually more attractive by styling them using CSS

Module 13: Web App Development

Platform: **Repl.it**

Language: **HTML,CSS**

Content: **6 classes and 20 projects+**

Module description:

Learn about bootstrap which will help to make the website responsive.

Module 14: Advance Front-end Development-I

Platform: **Repl.it**

Language: **HTML,CSS, JS**

Content: **6 classes and 20 projects+**

Module description:

Get introduced to JavaScript programming. Learn to add interactive behaviors to a webpage using Javascript

Module 14: Advance Front-end Development-II

Platform: **Repl.it**

Language: **HTML,CSS, JS**

Content: **6 classes and 20 projects+**

Module description:

Get ready to add extraordinary behaviors to your web pages through advanced concepts of JavaScript.

Module 16: JS App Development

Platform: **Repl.it**

Language: **JS**

Content: **6 classes and 20 projects+**

Module description:

Learn about app development using Javascript.

Module 17: Hosting Personal Websites

Platform: **Repl.it**

Language: **HTML,CSS,JS**

Content: **6 classes and 20 projects+**

Module description:

Learn about app development using Javascript.

Module 18: Python Basic

Platform: **Repl.it**

Language: **Python**

Content: **6 classes and 25 projects+**

Module description:

Learn about Python basics including data types, operators and conditional statements.

Module 19: Problem solving using Loops

Platform: **Repl.it**

Language: **Python**

Content: **6 classes and 25 projects+**

Module description:

Learn about the essential concept of programming called Loops.

Module 20: Advance Python

Platform: **Repl.it**

Language: **Python**

Content: **6 classes and 25 projects+**

Module description:

Get introduced to the concept of Functions and Exception Handling in Python.

Module 21: Python Data Structure

Platform: **Repl.it**

Language: **Python**

Content: **6 classes and 25 projects+**

Module description:

Learn the concept of data structures - List, Tuple, Dictionary and Set along with their common functions.

Module 22: Object Oriented Programming

Platform: **Repl.it**

Language: **Python**

Content: **6 classes and 25 projects+**

Module description:

Learn about Object Oriented Programming concepts and how to implement them in Python.

Module 23: Game Development

Platform: **Repl.it**

Language: **Python**

Content: **6 classes and 20 projects+**

Module description:

Learn about all the necessary components for creating a video game step by step using Pygame.

Module 24: GUI Development

Platform: **Repl.it**

Language: **Python**

Content: **6 classes and 20 projects+**

Module description:

Get introduced to the Python library Tkinter that can help create GUI applications.

Module 25: Introduction to Data Science

Platform: **Google Collab**

Language: **Python**

Content: **6 classes and 10 projects+**

Module description:

Learn what is Data Science and the commonly used libraries of Python like Numpy, Pandas, Matplotlib and Seaborn.

Module 26: Git Version Control

Platform: **Git Bash**

Language: **Git**

Content: **6 classes and 20 projects+**

Module description:

Learn about the version control system "Git", the difference between terminal and GUI Git.

