

PRODUCING TECH LEADERS FOR FUTURE



VISION

MISSION & VALUES

Our Vision

To establish a state of the art global online coding school for School kids to catch up with the tech industry quickly



Our Mission

To excel the coding, mathematical and problem solving skills in school kids to explore their hidden talent through advanced programming technologies

Our Values

We believe to inculcate the following core values in our future tech leaders

01

SELF EFFICACY

We generate self-belief in the kids to dig out their hidden abilities to perform any task with confidence to achieve their goals.

02

SEEKING FOR LEARNING

We value inquisitiveness and growth of kids with different learning needs. We encourage them to become creative, logical thinkers and problem solvers for themselves and the society.

03

LEADERSHIP

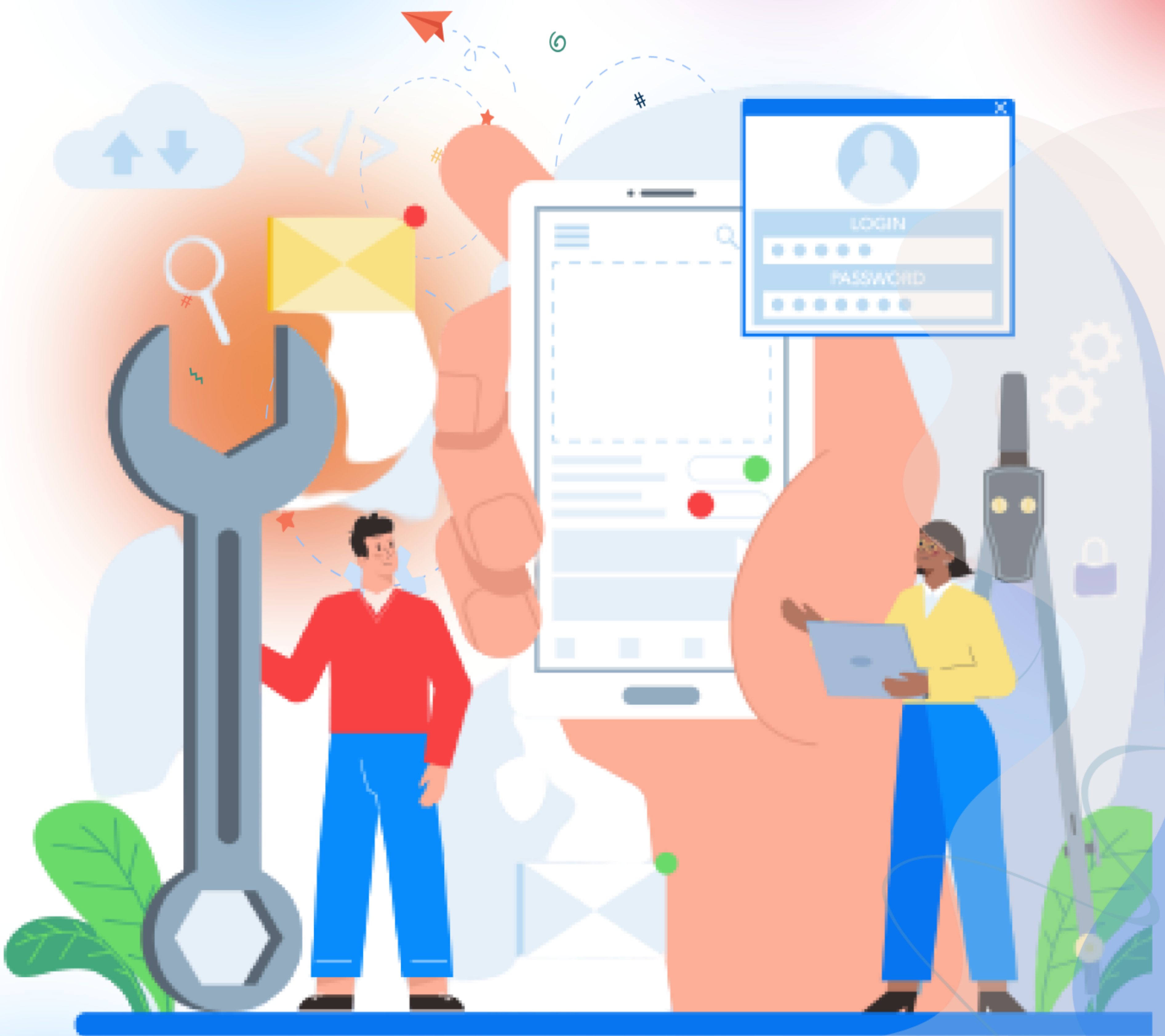
Our teeny coders are the leader of the digital future. We enlighten them with individual and teamwork abilities, coupled with moral and ethical values, to serve the community.

04

INCULCATION OF SKILLS

Every day, we are moving towards digitalization. We believe in inculcating coding, mathematical and problem solving skills in kids through our quality curriculum to meet the needs of the digital future.

ANDROID APP DEVELOPMENT CURRICULUM



INTERMEDIATE LEVEL



Course Contents

20 Lectures • 25 Activities • Duration: 2-3 Months



LECTURE NO.	TOPICS : ACTIVITIES
Lecture 1	● Introduction to Inheritance : Implement Inheritance
Lecture 2	● Function overloading : Implementation
Lecture 3	● Exception Handling : Implement different Scenario
Lecture 4	● Polymorphism in Java : Implementation on IDE
Lecture 5	● Abstraction, Packages and API's in Java : Practice The Concepts
Lecture 6	● Buttons, Image View in Android : Implementation of Buttons and Image View
Lecture 7	● Check Box and Radio Buttons : Implementation of Check Box and Radio Buttons
Lecture 8	● Intent in Android : Implementation of Intent
Lecture 9	● Edit Text and Bitmap : Implementation of Concepts
Lecture 10	● Put Extra Intent : Implementation of Intent
Lecture 11	● Adapter in Android : Implementation of Adaptor
Lecture 12	● Recycler View and Card View : Implementation of Recycler View
Lecture 13	● Introduction to JSON : See Examples of JSON files
Lecture 14	● XML Basic Layouts : Implementation on Android Studio
Lecture 15	● Shared Preferences : Implement Shared Preferences
Lecture 16	● Introduction to SQL-Lite : Get to know basics
Lecture 17	● Tables in SQL-Lite : Create Tables
Lecture 18	● Functions and commands in SQL-Lite : Implement the Concepts
Lecture 19	● Create SQL Database : Implementation of SQL-Lite Database
Lecture 20	● Project Class : Implementation of Project