



KURIOS

Kurios is on a mission to inspire students to learn programming, a skill which is pervasive, applicable across domains and is a civil right of the 21st century. We promote computational thinking and design thinking in students to enable them to be problem solvers, strategy designers in addition to being able to program.

The curriculum is designed and built by experts in industry, computer science education and K-12 education space. Coding helps promote problem solving and logic development.

Coding jobs already constitute more than 60% of the jobs in STEM sector. In a decade, today's students will face unseen challenges and will have to work in jobs that don't exist today. Coding along with Computational and Design thinking will help them be future ready. Training at young age will help you learn quickly, provide base for brain's organizational development, development and functioning and will impact social and emotional abilities.

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How are we different from other coding platforms?

#1 Higher product quality and learning experience

We do not spam and hound you with calls and promotion emails. Student experience and learning will do the promotion

#2 Personalized Curriculum and Learning pace

Every child is special and has different learning requirements. We customize as per the needs and learning rate.

#3 Positive, Fun, Engaging Environment

We provide an active learning environment which includes two-way interactions and activities

#4 Learning from Professionals

We ensure your child learns from professionals with computer science background

#5 Not just Coders but Problem Solvers and Innovators

Tomorrows challenges are unpredictable. We skill your child in computational thinking and design thinking along with coding to be future ready

#6 Dive into Safe Technologies

Your child gets exposure to digital safety and hands-on experience on internet of things – an important technological advancement in 21st century

Master Series - What would the students learn in grade 8-10?

ACHIEVER

8 Sessions

Course

Coding and Design Thinking

Curriculum

Aspects of design thinking, Flowcharts, Python, Turtle

Activities

20+ activities and 2 quiz

Skillset gained

Understanding of design thinking, Flow charts, Python and GUI basics

Achievements

Achiever certificate, post course support for extended learning, lifetime community access

₹5000/-

CHAMPION

30 Sessions

Course

Advanced Python and Web Designing

Curriculum

Achiever + GUI programming, Algorithms and Data structures, JavaScript, HTML, CSS and Flask

Activities

30+ activities and 7 quizzes

Skillset gained

Desktop application development, Building games, apps and website using cornerstone technologies of worldwide web, Student projects

Achievements

Coding champion certificate, post course support for extended learning, lifetime community access

₹15000/-

SCHOLAR

50 Sessions

Course

Advanced Python + Web Development + AI

Curriculum

Champion + Testing, Debugging, Maintenance, Java, SQL, Data Science, AI, Image recognition, Natural Language Processing, 3D Modelling

Activities

60+ activities and 12 quizzes

Skillset gained

Python programming, Web technologies, AI based applications, Data Analysis, Design thinking, Analytical and Critical Thinking skills, Creating 3D characters

Achievements

Coding Scholar certificate, post course support for extended learning, lifetime community access, student project posted on open-source community

₹25000/-

Achiever

Coding and Design Thinking

<u>No. of Classes</u>	<u>Age Group</u>	<u>Grade</u>	<u>Activities</u>
8 Classes	13-15 years	8-10	20+ activities and 2 quizzes



Skilling

- Design Thinking
- Foundations of Python
- Game Development
- Logic Building
- Code Flow and Development



Achievements

- Certificate
- Post course support for extended learning
- Lifetime community access



Price

₹5000/-

Module	Course	Topics Covered	Learning Outcomes
M1 (8 Sessions)	Fundamentals of Python and Design Thinking	Input, Output, Conditions, Loops, Flow charts, Graphical user interface basics, Turtle library, Design Thinking and Problem Solving	Students will learn about the python programming language including its applications, concepts like data types, user input, conditionals and loops, patterns, GUI using turtle. They will be write programs and will be working on problems like creating patterns, calculator, Morse code and ciphers.

CHAMPION

Advanced Python + Web Development + AI

<u>No. of Classes</u>	<u>Age Group</u>	<u>Grade</u>	<u>Activities</u>
30 Classes	13-15 years	8-10	30+ activities and 7 quizzes



Skilling

- Advance Python Programming
- Web Development
- Interactive Game Development
- Structuring Concepts



Achievements

- Certificate
- Post course support for extended learning
- Lifetime community access



Price

₹15000/-

Module	Course	Topics Covered	Learning Outcomes
M2 (5 sessions)	Advanced Python	Algorithms, data structures, functions	Students will learn advanced python concepts in continuation with basic python programming, handling data-structures and functions
M3 (4 sessions)	Website Development	Introduction to HTML, webpage designing, headings and images, hyperlinks	Students will get familiar with the web-designing technologies. They will develop websites with tables, headings, images and hyperlinks.
M4 (4 sessions)	Styling the website	Integrating stylesheets to web pages, layouts, colors, background and typography	Students will learn to create websites with different styles and designs.
M5 (3 sessions)	Interactive Website Design	Introduction to JavaScript, adding behaviors	Students will learn to add behaviors like - visual effects and playing music with JavaScript.

M6 (3 sessions)	Application Development with JavaScript	Data types in JS, loops and conditional statements, functions, canvas	Students will learn to develop real life applications with JavaScript and CSS.
M7 (3 sessions)	Game Development with JavaScript	Control background audio, Customize and finish platform game!	Students will learn to code their own browser games with JavaScript.

SCHOLAR

Coding and Design Thinking

<u>No. of Classes</u>	<u>Age Group</u>	<u>Grade</u>	<u>Activities</u>
60 Classes	13-15 years	8-10	60+ activities and 12 quizzes



Skilling

- Advance Programming Concepts
- Databases
- AI and Data Science
- Real world Application of computer vision and NLP
- 3D Modelling



Achievements

- Certificate
- Post course support for extended learning
- Lifetime community access



Price

₹28000/-

Module	Course	Topics Covered	Learning Outcomes
M8 (5 sessions)	Java Programming	Understanding testing, debugging, maintenance through Java, Data types, loops, typecasting, switch, if-else, methods, method overloading	Students will learn advanced programming concepts with java programs including data types, loops, typecasting, switch, if-else, overloading
M9 (4 sessions)	Databases	SQL – information and data models, mapping, types of relationships, relational models, accessing databases	Students will learn the database concepts with SQL, will be able to create, access and modify the database
M10 (3 sessions)	Data Science	Data Wrangling, Graphs and Data Visualization, statistics and clustering	Students will understand the statistics and data analysis tools with graph visualization

M11 (4 sessions)	Artificial intelligence	Introduction to AI tools, machine learning – regression, classification, linear models, model training, prediction	Students will get hands-on-experience of AI and design projects based using machine learning models
M12 (2 sessions)	Image Recognition	Introduction to computer vision, object detection, classification models	Students will implement the computer vision tools in object detection and develop real life applications
M13 (2 sessions)	Natural Language Processing	Text-processing, POS-tagging, real world application with NLP	Students will be able to implement NLP tools for text-processing and real-life application development.
M14 (10 sessions)	3D Modelling	3D objects, Transformations, OpenSCAD Language, Libraries	Students will learn to simulate and create 3D objects of their imagination.