



## Contact Us



**Kurious EduTech**  
**www.kurious.in**  
**(0562) 3552339**  
**Dayalbagh, Agra**

92% of the future jobs will require digital skills  
(source: Global Report - Future of the Classroom by Google)

*“Everyone can benefit from learning the basics of computer science. The questions it teaches you to ask — How do you accomplish a task? Can you find a pattern? What data do you need — are useful no matter where you go in life.” – Bill Gates*

The median pay for software developers in the U.S. in 2018 was \$105,590 per year.  
(source: Occupational Outlook Handbook)

# Python, Artificial Intelligence and 21st Century Skills

## Course Summary

- For Graduate students
- One course for all required skills
- 45 Online Sessions
- Instructor Led Sessions
- Python Concepts
- AI Fundamentals
- AI Projects
- Computational Thinking, Design Thinking most sought skills by Software giants
- Online profile creation
- Certification
- Group Session - a maximum of 10 students
- One-to-One doubt clearing sessions
- Flexible Timings

The complete package costs Rs.6975/- inclusive of all the three courses  
The costs include learning management system for the course, tutoring, doubt clearing sessions, AI projects and profile creation.

# Course Content

## Computational Thinking

1. Basics of Computational Thinking
2. Abstraction
3. Pattern Recognition
4. Algorithmic Thinking
5. Problem Decomposition
6. Project based on Computational Thinking

*"Computational thinking is going to be needed everywhere. And doing it well is going to be a key to success in almost all future careers." - Stephen Wolfram, CEO Wolfram Research*

## Python

1. Programming Fundamentals
2. Open Source Tools
3. Concepts for Interviews
4. Recursion and Complexities
5. OOPs
6. Basics of Data Structures
7. Efficient Data Structures
8. Dynamic Programming

*The course focusses on building and strengthening your programming fundamentals. Help you solve real life problem and build a software solution to it.*

## Artificial Intelligence

1. Data Exploration
2. Data Analysis and Visualisation
3. Open source Modules
4. Machine Learning Tools
5. Introducing NLP
6. Fundamentals of Computer Vision
7. AI Based Project
8. Building your online profile

*Artificial Intelligence module introduces and helps you get hands on experience on the latest technologies that are driving innovation in the industry. As a part of the course, we help you create projects that add value to your profile.*