

## **Programming Summer Camp for Kids: learn code through puzzles and activities**

*Give your kids a headstart in the world of programming through CodeChef's programming summer camp*

CodeChef's 2-week Programming Summer camp is hosting to Institution **ABV-IIITM Gwalior (27 May - 8 June)**. The objective of this camp is to introduce students with no computer science background to the fundamental concepts of programming. It is recommended to students who enjoy puzzles and logical problems as well as those who show an aptitude for mathematics.

Computer science isn't just a subject for engineering students; kids of all ages can get an early start in the world of computer programming, provided they are provided the right instruction. CodeChef's Summer Camp trainers use games, and puzzles to introduce students to these topics. They aim to create a playful environment where growth and learning are facilitated through interactive games and group work.

Just like Chess and Sudoku, computer programming challenges students to learn problem-solving skills through the medium of interesting activities. CodeChef's workshop tutors are trained to create a low-pressure environment where enjoyment, interest, and curiosity are encouraged just as much as learning. Tutors do not rush through the topics, but they address questions, clarify doubts and provide individual attention whenever possible. In the first half of the camp, the focus will be on learning computational thinking through puzzles and activities. In the second half of the camp, students will also be taught how to program using the Python programming language.

**These day-camps will take place from 9 am to 3 pm at ABV-IIITM Gwalior.**

**Students in class 7 or higher are eligible to participate. Seats are limited enrolled yourself at the earliest (on or before 25 May, 2019).**

**For more information and enrolment,** visit [www.codechef.com/school/workshop](http://www.codechef.com/school/workshop) or email [schools@codechef.com](mailto:schools@codechef.com).

The camp has a nominal fee of Rs. 2360, however, promising young students who show passion and enthusiasm for programming will be provided fee waivers on a need basis.

Students can expect to walk away with the following skills and abilities:

- Give algorithmic instructions to the computer to solve problems.
- Learn to build the logic and write code in Python using basic programming constructs.
- Debugging skills
- Solve beginner-level problems on CodeChef.
- Participate in programming competitions online and in school fests.
- Participate in the International Olympiad in Informatics, also known as the Olympics of Programming