

WHAT IS COMPUTATIONAL THINKING?

It refers to a broad set of techniques that reflects the functionality of computers and computer scientists to solve computing and real-life problems.

Problem decomposition, abstraction, algorithmic thinking and pattern matching are some of the most important techniques of computational thinking.

WHAT IS THIS COURSE ABOUT?

In this course, numerous computing and real-life problems will be discussed to introduce computational thinking and develop familiarity with it.

WHO SHOULD PARTICIPATE?

If you are of a curious disposition, with a knack for problem solving, you will surely love participating in this course and it will add value to whatever you currently do or aspire to do in future.

COURSE FACULTY

Dr. Sujit Kumar Chakrabarti
International Institute of Information
Technology, Bangalore
More details at:

<https://www.iiitb.ac.in/faculty/sujit-kumar-chakrabarti>

Introduction to Programming and Computational Thinking (ITPACT)



NOTE: The fees collected will be completely donated for feeding migrant labours affected by COVID 19.

COURSE DETAILS

- ✚ Number of classes per week: 2
- ✚ Duration of each class: 60 minutes
- ✚ Course duration: 12 sessions (1.5 months)
- ✚ Student workload: 4 hours per week (Online sessions + Homework)
- ✚ Number of students per batch: 10

COURSE TIMETABLE

- ✚ Starts on 11th May, 2020
- ✚ Classes on Monday and Thursday
- ✚ Timings from 6PM to 7PM

MODE OF OFFERING

- ✚ Online using Hangout/ Zoom

COURSE REQUIREMENTS

- ✚ Computer with preinstalled Python 3.8.2
- ✚ Gmail account with Hangout & Zoom

COURSE REGISTRATION AND FEES

- ✚ Intended audience - Class 5 to Class 10 students
- ✚ Course fees - Rs. 1000/- for 12 classes
- ✚ Selection on first come first serve basis
- ✚ Contact Shilpi Banerjee @ **9731128466**

Course feedback: This course has been offered to kids in extended family. The reception has been very positive, and kids are happy to have learnt a new skill for problem solving.