

# CODE OF CODONS

## Theme- Health

Health is a level of functional and metabolic efficiency of a living organism. In humans, it is the ability of individual or communities to adapt and self-manage when facing physical, mental or social changes. UN places health as major sustainable development goals. Ensuring healthy lives and promoting the well-being for all at all ages is essential to sustainable development. Significant strides have been made in increasing life expectancy and reducing some of the common killers associated with child and maternal mortality.

## ROUND 1: Coding and bioinformatics based

In this event we will be providing a platform for participants where they can have an experience of how leading drug manufacturers use programming and bioinformatics to analyze problem related to health. It will help the participants to broaden their thinking and analytical skills, as they have to use their coding with a practical application.

### Rules:

Use of mobile phone is strictly prohibited.

- Knowledge of programming is required.
- Pre download your compiler and interpreter before event begins.
- C, C++, and Python are allowed languages to decode.
- Please bring your own systems.
- There will be some twist regarding bioinformatics.
- All the information will be provided to the team in a PDF file.

### Judging Criteria:

Participants will be judged on the following areas:

- Time taken
- Coding Skills
- Time Complexity
- Level of accuracy

**Team Specifications:**

A team may consist of a maximum of 2 participants. Students from different educational institutes can form a team.

**Eligibility:**

All students with a valid identity card of respective educational institutes are eligible to participate.